



# 27th Congress and General Assembly of the IUCr 2026

tourism  
**calgary**

# Key Information

HOST CITY	CALGARY, ALBERTA, CANADA
PROPOSED VENUE	BMO CENTRE AT STAMPEDE PARK
PROPOSED DATES	AUGUST 11-18, 2026

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Welcome



# Bid Highlights

Tourism Calgary is grateful for the opportunity to present the destination bid for the 27th Congress and General Assembly of the International Union of Crystallography (IUCr) in 2026. Calgary is a dynamic city. It's picturesque prairie landscapes and a vibrant urban centre. It's entrepreneurial energy and living in the moment. It's cowboy spirit, but also refined and cosmopolitan.

Your attendees will enjoy everything they'd expect from Canada's fourth biggest city — a diverse culinary scene, incredible theatre, world-class attractions and great shopping. They'll also enjoy a few things they might not expect — a great live music scene, plenty of stunning golf courses, and more days of sunshine to spend in more green spaces than any other Canadian city. It's no wonder Calgary was named the most liveable city in North America by The Economist two years in a row!

Tourism Calgary, the American Crystallography Association (ACA), the Canadian National Committee for Crystallography (CNCC) and the US National Committee for Crystallography (USNC-Cr) have come together to ensure this bid provides the benefits you are looking for.

## Collaboration and Partnership

Tourism Calgary has partnered with three industry organizations and three local Universities to put together a compelling offer and highlight the commitment and expertise that will ensure a successful 2026 Congress in Calgary. See Pages 6-18 to learn more about our Bid Committee and Local Host Committee.

## Financial Support

Tourism Calgary has been able to secure cash and in-kind support for the 2026 Congress of approximately \$746,463 CAD. This is inclusive of \$161,500 CAD cash in financial incentives, and up to \$20,000 CAD cash to support attendance building and marketing efforts at the 2023 Congress in Melbourne. See Page 22 for more detail.

## Access and Connectivity

The Calgary International Airport (YYC) is Canada's fourth busiest airport and is consistently ranked as one of the best airports in North America for overall passenger convenience. In 2019, YYC boasted more than 1,400 weekly departures and operates 24 hours a day, seven days a week, serving over 18 million passengers a year.

More than 200 daily non-stop flights connect Calgary to the world through this modern, easy to navigate airport and Calgary is no more than one stop away from any major city in the world. YYC is just 20 minutes from downtown Calgary and is easily accessible from anywhere in the city.

## Calgary is good for your bottom line.

To ensure that the 2026 Congress would be an experience available to all, a student and young scientist approach has been taken when assessing hotel options and inclusions in registration costs. The full registration fee includes the opening reception, morning and afternoon coffee breaks, Calgary light rail transit (CTrain) passes for the duration, hors d'oeuvres/ soft drinks at five poster sessions, and the conference banquet. Additionally, we have also secured accommodation at the University of Calgary student residences for more affordable options.

## Visa Application Support

Tourism Calgary will facilitate connections between the Congress organizers and key contacts at the Canadian Border Services Agency (CBSA) and at Immigration, Refugees and Citizenship Canada (IRCC) who will be there to support and guide the visa application process.

Visitors to Canada must have valid travel documentation, such as a passport. In certain cases, a visa or Electronic Travel Authorization (eTA) may also be required. Visitors must present this documentation upon arrival at a port of entry. For more information on visas, eTAs, visiting Canada for business, and travelling with minors, please visit the [Government of Canada](#) website.

## Bid Committee Co-Chairs



### **Louise N. Dawe, Ph.D.**

Dr. Louise N. Dawe obtained her PhD in Chemistry from Memorial University of Newfoundland (Canada) in 2008. She joined the Faculty of Science at Wilfrid Laurier University in Waterloo, ON, Canada in 2013, where she is currently an associate professor in the Department of Chemistry and Biochemistry.

She is vice-chair of the Canadian National Committee for Crystallography and the organizer of their national Chemical Crystallography Workshops. She is an elected member of the American Crystallographic Association's Communication Committee and was program co-chair for the ACA's 2015 annual meeting. She is also a member of the International Union for Crystallography Calendar Sub-Committee, and a co-editor for the IUCr's journal, *Acta Crystallographica Section C*.

She was a member of the local organizing committee for the 2014 IUCr Congress and General Assembly in Montreal, and is enthusiastic to bring the international crystallography community together in Calgary in 2026!



### **Joseph D. Ferrara, Ph.D.**

Dr. Joseph D. Ferrara, Ph.D., received both his Bachelor of Science and Doctorate degrees from Case Western Reserve University in Cleveland, Ohio. His graduate research focused on physical organometallic chemistry under Prof. Wiley C. Youngs. Upon completing his doctorate in 1988, he joined Molecular Structure Corporation, which became a subsidiary of Rigaku Corporation in 1996.

Dr. Ferrara is currently Chief Science Officer, Rigaku Americas Corp. and Vice President, X-ray Research Laboratory, Rigaku Corp. He is a current member and past chair of the Scientific Advisory Board for the BioTech Institute of the Lone Star Community College System. He is the a Past President of the American Crystallographic Association and the Books Editor for ACA RefleXions. He is also Vice-chair of the US National Committee for Crystallography and Treasurer of the Council of Scientific Society Presidents. He has spent the last 35 years developing hardware and software tools for X-ray crystallography and X-ray imaging for the research community.

## Local Organizing Committee



**Marie Fraser, Ph.D.**

Dr. Marie Fraser is a professor in the Department of Biological Sciences, University of Calgary where she teaches biochemistry. After obtaining her Ph.D. under the guidance of Prof. Suzanne Fortier in the Department of Chemistry at Queen's University in eastern Canada, Marie migrated west to learn protein crystallography in the lab of Prof. Michael James at the University of Alberta. There she studied aspartic proteases and their inhibitors, determined the crystal structure of the Shiga toxin, and developed a long-term interest in succinyl-CoA synthetase.

Marie moved to The University of Western Ontario after being awarded an University Faculty Award by the Natural Sciences and Engineering Research Council of Canada. She was attracted back to Alberta with support from the Alberta Heritage Foundation for Medical Research. In addition to her experience in academia, Marie spent six months while on research and scholarship leave in the pharmaceutical industry, working in Cell, Protein and Structural Sciences at AstraZeneca UK Limited.



**M. Joanne Lemieux, Ph.D.**

Dr. Joanne Lemieux obtained her BSC, and MSc. At Dalhousie University (Canada), and her PhD at New York University (USA), where she determined the structure of a gradient-driven transporter, published in *Science* 2003. In her postdoctoral fellow positon, she focused on crystallization of membrane proteases and solved structures of the rhomboid protease family (PNAS 2007).

In 2007 was hired as an Assistant Professor at the University of Alberta. She is currently a Full Professor in the Department of Biochemistry at the University of Alberta. She is also the Director of the Membrane Protein Disease Research Group. She leads a diverse research program to utilizes X-ray crystallography to gain insight into structure of membrane transporters, membrane proteases, optogenetic sensors. More recently her research is focused on the development of antivirals that target coronavirus proteases to treat COVID-19.

## Planning Committee Members



### Gerald F. Audette, Ph.D.

Dr. Gerald F. Audette, is Associate Dean, Faculty Affairs, Professor of Chemistry and member of the Centre for Research on Biomolecular Interactions in the Faculty of Science at York University, Canada. He received his PhD from the Department of Biochemistry at the University of Saskatchewan (Canada) in 2002 working with Profs. Louis Delbaere and J. Wilson Quail, and did his postdoctoral research at the University of Alberta with Profs. Bart Hazes and Laura Frost prior to his joining York University in 2006.

He is the elected Canadian Representative on Council of the American Crystallographic Association, and member of the Canadian National Committee for Crystallography. He has served as the Chair of the Canadian Division of the ACA (2012-2014) and was Program Co-Chair for the 2018 ACA Annual Meeting (Toronto, Canada). He is the co-editor of volumes 1-4 of the Jenny Stanford Series on Nanomedicine and is a subject editor of structural chemistry and crystallography for the journal FACETS.



### Branton J. Campbell, Ph.D.

Branton J. Campbell earned a BS in Physics and in Mathematics from Brigham Young University (BYU), as well as both an MA in Physics and a PhD in Materials Science at UC Santa Barbara, before accepting a post-doctoral appointment at Argonne National Laboratory in 1999. He joined the Physics and Astronomy faculty at BYU in 2002, where he is now a Professor, and spent one year (2014-2015) at Durham University in the UK as a Fulbright Scholar.

Prof. Campbell has organized many workshops and sessions for the American Crystallographic Association (ACA), and served as an ACA Materials SIG officer from 2007-2010. He has been a member or officer of the US National Committee for Crystallography (USNC/Cr) since 2013, which he now chairs. He is actively involved in the IUCr, where he has chaired its Commission on Magnetic Structures since 2012, led the development of the magnetic CIF standard, and directed the 2019 International School of Crystallography in Erice. He is a co-developer (with Harold Stokes) of the ISOTROPY Software Suite for characterizing phase transitions, and frequently presents workshops on symmetry-mode analysis and magnetic crystallography.



### Tomislav Friščić, Ph.D.

Dr. Tomislav Friščić is a Professor and Canada Research Chair in Mechanochemistry and Reactivity of Solids at McGill University. He obtained a B.Sc. in Chemical Crystallography (with B. Kaitner, University of Zagreb) in 2001, followed by a Ph.D. in photochemistry of organic crystals in 2006 (with L. R. MacGillivray, University of Iowa) and a post-doctoral stint in pharmaceutical materials science at University of Cambridge (with W. Jones, 2006-2008). He started his independent career as a Herchel Smith Research Fellow at the University of Cambridge in 2008 and joined faculty at McGill University in 2011.

He is the Chair of the Canadian National Committee for Crystallography and former Canadian Representative at the Council of the American Crystallographic Association. He served as Editorial Board member of CrystEngComm, Associate Editor of Molecular Crystals & Liquid Crystals, and a Topic Editor of Crystal Growth & Design where he is currently the Social Media Editor.

## Planning Committee Members (cont.)



### Cora Lind-Kovacs, Ph.D.

Dr. Cora Lind-Kovacs completed her pre-diploma in Chemistry at the University of Wuppertal in Germany before joining the graduate program in Chemistry at Georgia Tech in 1997. After obtaining her M.S. (1999) and Ph.D. (2001) degrees and a postdoctoral fellowship at Cornell, she joined the faculty at the University of Toledo (Ohio, USA) in 2003, where she is currently a full professor and associate chair in the Department of Chemistry and Biochemistry.

She has served on the US National Committee for Crystallography as a regular member, Secretary/Treasurer, Vice Chair and Chair, and was a member of the inaugural Bragg Prize selection committee of the IUCr. Over the years, she has taught in various crystallography schools, including the National School on Neutron and X-ray Scattering, the ACA Summer School for Small Molecule Crystallography, the DUPAN Powder Diffraction Workshop and the Modern Methods in Rietveld Refinement and Structural Analysis course.



### David R. Rose, Ph.D.

David Rose received his BA degree from University of Pennsylvania and DPhil from University of Oxford before spending a postdoctoral fellowship at MIT with Greg Petsko. He immigrated to Canada in 1984 to take up a position at the National Research Council in Ottawa. Subsequently he was recruited to the (then) Ontario Cancer Institute and University of Toronto, where he stayed for almost twenty years before taking up the Chair of the Biology Department at University of Waterloo.

He has served in many positions with the American Crystallographic Association, including President (2021) and Past-President (2022). His research interests are in carbohydrate molecules (sugars): how they are processed in humans and their roles in health and disease.



### Kristin H. Stevens

Kristin H. Stevens obtained an Associates Degree from Erie County Community College and a Bachelor of Arts degree from Medaille College in Buffalo, New York. She has worked with multiple professional groups since that time, most recently as the American Crystallographic Association's (ACA) Director of Administrative Services (2017-2021), and now as the Executive Director of the ACA.

In these capacities, Ms. Stevens has responsibility for overseeing ACA staff, finances, and achieving society goals within budget, including managing membership growth. Since 2017 she has organized the ACA's annual meeting, which is the primary meeting for all North American structure scientists (Canada and the US). She has direct experience in all aspects of meeting planning and execution, including logistics related to contract negotiations, on-site space and technical requirements, and registration and abstract collection for generation of paper and electronic program books.

Ms. Stevens has a passion for building community through scientific meeting organization and is excited to contribute her expertise to a truly global network of structure researchers.

## Planning Committee Members (cont.)



### Brian Toby, Ph.D.

Brian Toby has a Ph.D. from Caltech and a B.A. from Rutgers University, both in chemistry. His past employment includes two industries, academia, and government, with the last 25 years as a powder diffraction crystallographer at neutron and synchrotron user facilities.

He served as Chair of the U.S. National Committee for Crystallography and President of the American Crystallographic Association. He is also a co-editor for journal Powder Diffraction, is on the editorial board of The Journal of Physical and Chemical Reference Data and is a member of the Denver X-ray Conference's Organizing Committee.

Brian's honors include the ACA's Trueblood Award, the DXC's Barrett Award, a Bronze Medal from the U.S. Department of Commerce and is a Fellow of the ACA and the ICDD, but he is best known and cited for crystallographic software projects started as a hobby.



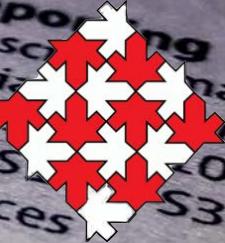
### Diana R. Tomchick, Ph.D.

Dr. Diana R. Tomchick obtained a B.S. in Chemistry from Washington State University and a Ph.D. in Chemistry from the University of Wisconsin-Madison. Her graduate work focused on synthesis and structure of organometallic metal cluster compounds. She joined the faculty of the Biochemistry Department at UT Southwestern Medical Center in Dallas, TX in 2000, and is now a Professor in the Biophysics Department and Co-Director of the Structural Biology Laboratory, a campus core facility that assists investigators with X-ray crystallography and single-particle Cryo-EM reconstruction methods for protein structure determination.

Dr. Tomchick served as ACA secretary from 2014 to 2020 and is now the Vice Chair of the ACA. She is a member of the IUCr Commission on Biological Macromolecules since 2019 and is currently a member of the US National Committee for Crystallography and will serve as a delegate for the US during the 25th Congress of the IUCr.



# Canadian National Committee for Crystallography



The Canadian National Committee for Crystallography (CNCC) exists to promote the advancement of the science of crystallography in Canada and throughout the world and to effect appropriate Canadian participation in the International Union of Crystallography. As such, the CNCC is a Category III Adhering-Body to the IUCr, with three delegates and three votes at IUCr general assembly business meetings.

The Committee's primary functions include (i) to inform crystallographers in Canada concerning the activities of the IUCr; (ii) to plan and sponsor scientific meetings in Canada as is consistent with the objectives of the IUCr; and (iii) to take any other action directed toward the benefit and advancement of the science of crystallography in Canada and throughout the world. The CNCC fulfills these mandates by supporting yearly workshops aimed at early career researchers in (i) macromolecular crystallography; (ii) powder diffraction; (iii) chemical crystallography; and (iv) materials characterization by diffraction methods.

The CNCC is committed to equity, diversity, and inclusion in membership and is proactive in pursuing full participation of equity-seeking groups in the selection of committee members, including women, visible minorities, Indigenous peoples, people with diverse gender identities, and people with disabilities.

The CNCC maintains and awards the Larry Calvert CNC/IUCr Trust Fund. This award supports deserving students, post-doctoral and non-faculty trainees at Canadian academic institutions, to enable their attendance at courses, scientific meetings, and the triennial IUCr Congresses, in order to further their expertise and education in crystallography and related disciplines.

## Current Executive Members

### Chair:

Dr. Tomislav Friscic  
McGill University

### Vice Chair; Communication and Outreach Officer:

Dr. Louise Dawe  
Wilfrid Laurier University

### Past-Chair:

Dr. Patrick Mercier  
COREM

### Secretary:

Dr. Michel Fodje  
Canadian Light Source, Inc.

### Treasurer:

Dr. Brian Patrick  
University of British Columbia

### Ex Officio Member; Canadian Representative to ACA:

Professor Gerald Audette

Matthew Brown  
Simon Fraser University

Dr. Alba Guarné  
McGill University

Dr. V. Nicholas Vukotic  
University of Windsor

## **Selected Canadian Crystallography Accomplishments and Facts**

The eastern-most diffractometer in Canada is in St. John's, Newfoundland. The western-most diffractometer in Canada is in Victoria, British Columbia. The 5,000 km in between house an active community of crystallography, including:

- a. The first metal jet diffractometer to be installed in North America, at Université de Montréal, in Quebec.
- b. In 2010 the first high-throughput cryo-electron microscope (Titan Krios) in Canada was installed at McGill University, in Montreal, Quebec. This instrument was the second of its kind installed in North America.
- c. In 2012 the first BioSAXS instrument in Canada was installed at McMaster University, Hamilton, Ontario.

In 1948, with strong support from Dr. William Howard Barnes and the National Research Council, Canada became the third country to join the IUCr. Since this time, the IUCr Congress has been held in Canada three times: 1957 in Montreal (4<sup>th</sup> IUCr Congress), 1981 in Ottawa (12<sup>th</sup> IUCr Congress), and 2014 in Montreal (23<sup>rd</sup> Congress). To date, an IUCr Congress has not been hosted in a location in western Canada!

In 1952, Larry Calvert joined William Barnes' lab at the National Research Council, as a post-doctoral fellow. He chaired the IUCr's XIth International Congress and General Assembly held in Ottawa in 1981, and established a trust fund to support student travel, which continues to be maintained by the Canadian National Committee for Crystallography.

The first protein structure determined in Canada was SGPB, a proteolytic enzyme from the soil bacterium *Streptomyces griseus*. This was done in the laboratory of Michael James in Alberta, and the paper describing the molecular details of the 2.8 Å resolution structure was published in *Nature* in 1975.

Frank Hawthorne's (University of Manitoba, Canada) paper on "Amphiboles and Other Hydrous Pyroboles" was awarded the 1983 Hawley Medal of the Mineralogical Association of Canada. Hawthorne went on to be awarded the Logan Medal in 1996 (the Geological Association of Canada's highest honour), and the mineral Frankhawthorneite (first identified in 1995) was named after him. Between 2015-2018 Hawthorne was recognized with the designation Life Fellow of the Royal Society of Canada, the Buerger Medal by the American Crystallographic Association, and appointed Companion of the Order of Canada.

1991 marked the inaugural Buffalo-Hamilton-Toronto Crystallography Symposium. This annual event continues today and is considered a classic for protein crystallographers in southern Ontario and upstate New York.

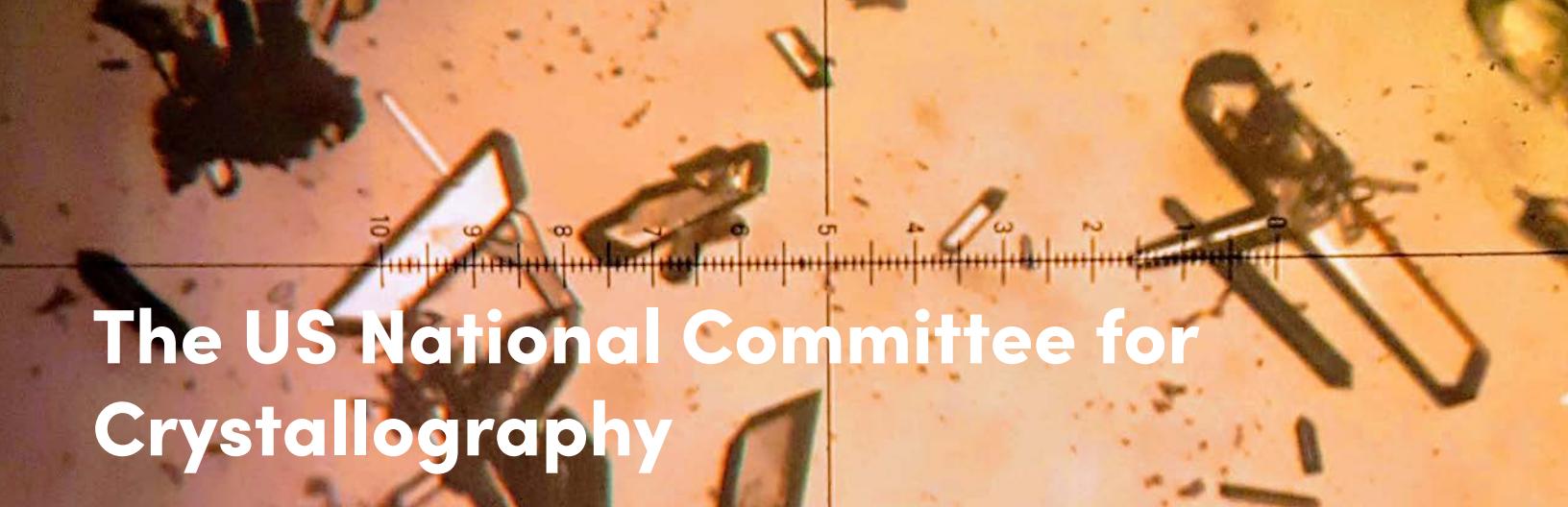
Frank Sicheri and Dan Yang (McMaster University) solved the first crystal structure of an antifreeze protein and published it in *Nature* in 1995. This work was quickly followed by the Davies lab (Queens Univ) who solved the structure of type III antifreeze protein, published in *Nature* in 1996. The Davies and Jia labs have continued working on antifreeze proteins from other families. Davies also worked with Brian Sykes (Alberta) on the NMR structures that were published the same year (1996) in *Structure*. Ice cream quality is much better for their discoveries!

In 2002, I. David Brown (McMaster University, ON, Canada) published his work on "The Chemical Bond in Inorganic Chemistry, The Bond Valence Model." He was also instrumental in the establishment of the Inorganic Crystal Structure Database and the development of the Crystallographic Information File (CIF) as a standard for crystallography.

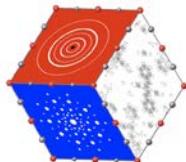
The Canadian Light Source is a national research facility located in Saskatchewan. It was established in 1999 and opened in 2004. This synchrotron facility is one of the largest science projects in Canada's history, and a critical tool for Canadian research and development. It is home to the Canadian Macromolecular Crystallography Facility and the Brockhouse X-ray Diffraction and Scattering Beamlines.

Canadian researchers have made significant contributions to ongoing research in the areas of alternative materials for energy generation and storage, increasingly synthesized using sustainable methodology. Groups lead by George Shimizu (University of Calgary), Arthur Mar (University of Alberta), Tomislav Friscic (McGill University, Quebec), and emerging investigators Ashlee Howarth (Concordia University, Quebec) and Mike Katz (Memorial University, Newfoundland) have been internationally recognized, and continue to build on their recognized expertise.

Cryo-electron microscopy techniques are now at the forefront of structural biology, and so is the Canadian structural biology community. In 2020, investigators at McGill University used cryo-EM to image the plant-derived COVID-19 vaccine candidate from the Canadian company Medicago, which is now phase 3 trials. In 2021, researchers from the University of British Columbia reported the structure of the mutated spike protein on the alpha variant of the SARS-CoV-2 virus in *PLOS Biology*.



# The US National Committee for Crystallography



The US National Committee for Crystallography

The **US National Committee for Crystallography** (USNC/Cr) is very pleased to cooperate with the Canadian National Committee for Crystallography in bidding to jointly host the 2026 IUCr Congress in Calgary, Alberta, Canada. Canadian and US scientists cooperate regularly to advance crystallographic/structural science and have a long working relationship within the American Crystallographic Association.

In addition to its core functions of representing and involving U.S. scientists in the work of the IUCr, the USNC/Cr (<http://usnccryst.org>) is enthusiastically involved in organizing and supporting crystallography-related education and outreach opportunities, encouraging the development of world-class research resources, maintaining high ethical standards for the conduct and dissemination of science, promoting diversity and inclusion, and communicating the importance of crystallographic/structural research to the broader scientific community and to the public.

## Current 2021 USNC/Cr Membership

### Chair:

Branton Campbell  
Brigham Young University

### Vice Chair:

Joseph Ferrara  
Rigaku Americas Corp.

### Secretary/Treasurer:

Susan Byram  
Bruker AXS

Nozomi Ando  
Cornell University

Nattamai Bhuvanesh  
Texas A&M University

Stephen K. Burley  
Rutgers, The State University of New Jersey

Aina Cohen  
Stanford Synchrotron Radiation Lightsource

Wayne Hendrickson  
Columbia University

Ashfia Huq  
Industrial Crystallographer

Krystle J. McLaughlin  
Vassar College

Mitch Miller  
Rice University

Efrain Rodriguez  
University of Maryland

D. Marian Szebenyi  
Cornell University

Joseph Tanski  
Vassar College

Victor Young  
University of Minnesota

Diana R. Tomchick  
ACA Vice President | UT Southwestern Medical Center

Ilia A. Guzei  
ACA Treasurer | University of Wisconsin-Madison

Tamir Gonen  
ACA USND President | David Geffen School of Medicine at UCLA

Marvin L. Hackert  
IUCr Past President | The University of Texas at Austin

Kristin Bennett  
Special Appointment | KB Science, LLC

Jose Rodriguez  
Special Appointment | UCLA

Jeff Lengyel  
CCDC Rep. | Cambridge Crystallographic Data Centre

Mark Rodriguez  
ICDD Rep. | Sandia National Laboratories

Jim Ciston  
Microscopy Society of America Rep. | Molecular Foundry, LLBL

Scott Collick  
BCST Co-Chair | DuPont

Jennifer Sinclair Curtis  
BCST Co-Chair | University of California, Davis

Ana Ferreras  
Senior Program Officer | National Academy of Science

The U.S. is a category-5 member of the IUCr. U.S. scientists maintain a very active role in supporting the work of the IUCr, serving as members or chairs of its many scientific commissions and as editors or co-editors of its high-quality scientific journals. Since the formation of the IUCr in 1946, U.S. service on the IUCr Executive Committee (EC) has included Martin Buerger, David Harker, Arthur Patterson, Bertram Warren, David Shoemaker, and William Zachariasen, as well as IUCr presidents Ralph Wyckoff, Paul Ewald, Jerome Karle, Phillip Coppens, Bill Duax, and Marvin Hackert.

Other prominent researchers affiliated with U.S. institutions who have notably advanced international crystallographic and structural science include Albert Hull, Arthur Noyes, Linus Pauling, Clinton Davission, David Sayre, William N. Lipscomb, Jr., Herbert Hauptman, Isabella Karle, Clifford Shull, Ernest Wollan, Martha Teeter, Wayne Hendrickson, John Cowley, Jenny Glusker, Michael Rossmann, Phillip Coppens, Jane Richardson, Helen M. Berman, Roger Kornberg, Fraser Stoddart, Dan Shechtman, Venkatraman Ramakrishnan, Thomas Steitz, Martin Karplus, Michael Levitt, Arieh Warshel, Peter Agre, Roderick MacKinnon, Brian K. Kobilka, Joachim Frank, John Goodenough, Stanley Whittingham, Jennifer Doudna, and many others.

Major international crystallographic databases housed or founded in the U.S. include the Protein Data Bank (PDB, 1971-), the International Center for Diffraction Data (1941-), the Nucleic Acid Database

(1982-), the Materials Project (2011-), the American Mineralogist Crystal Structure Database, the Biological Macromolecule Crystallization Database (1989-), and Webmineral.com (1999-).

X-ray and neutron radiation sources in the U.S. that have supported international crystallographic science include the Stanford Synchrotron Radiation Lightsource (1973-) at the Stanford Linear Accelerator Center (SLAC), the Cornell High Energy Synchrotron Source (CHESS, 1979-), the National Synchrotron Light Source (NSLS, 1982-2014) and National Synchrotron Light Source II (NSLS-II, 2015-) at Brookhaven National Laboratory (BNL), the Advanced Light Source (ALS, 1993-) at Berkeley, the Advanced Photon Source (APS, 1995-) at Argonne National Laboratory (ANL), the Linac Coherent Light Source XFEL (LCLS, 2009-) at SLAC, the X-10 research reactor (1945-1963) at Oak Ridge National Laboratory (ORNL), ZINP-P and ZING-P' (1971-1980) at ANL, the Brookhaven Graphite Research Reactor (BGRR, 1947-1968) at BNL, the High Flux Beam Reactor (HFBR, 1965-1996) at BNL, the High Flux Isotope Reactor (HFIR, 1965-) at ORNL, the University of Missouri Research Reactor (1966-), the Intense Pulsed Neutron Source (IPNS, 1977-2008) at ANL, the NIST Center for Neutron Research (NCNR, 1967-), the Los Alamos Neutron Science Center (LANSCE, 1977-2015), and the Spallation Neutron Source (SNS, 2006-) at ORNL. About one-third of the X-ray/neutron-scattering instruments at national user facilities in the U.S. presently support crystallographic experiments. There are also a large number of nuclear magnetic resonance (NMR) facilities in the U.S. dedicated to macromolecular structure determination.

National user facilities for electron microscopy and diffraction have expanded tremendously in the U.S. in recent years. These include the National Center for Electron Microscopy (NCEM, 1983-) and The Molecular Foundry (TMF, 2006-) at Lawrence Berkeley National Laboratory (LLBL), which merged in 2014, the Center for Nanoscale Materials (CNM, 2007-) at ANL, the Center for Functional Nanomaterials (CFN, 2008-) at BNL, the Center for Integrated Nanotechnologies (CINT, 2006-) at LANL, the Center for Nanophase Materials Sciences (CNMS, 2007-) at ORNL, the Environmental Molecular Sciences Lab (EMSL, 1986-) at Pacific Northwest National Lab (PNL), the National CryoEM Facility (NCEF, 2017-) at Frederick National Laboratory (FNL), the Stanford-SLAC Cryo-EM Center (S2C2, 2018-), the National Center for Cryo-EM Access and Training (NCCAT, 2019-) in New York City, and the Pacific Northwest Cryo-EM Center (PNCC, 2019-) at PNL. The Megaelectronvolt Ultra-fast Electron Diffraction (MeV-UED) instrument at SLAC-LCLS is also notable for its dynamic TEM and ultra-fast TEM capabilities.



# American Crystallographic Association



The **American Crystallographic Association, Inc.** (ACA) is a non-profit, scientific organization of over a thousand members in more than thirty-five countries. The primary mission of the ACA is to promote the study of the structure of matter, and to advance the tools and methods used in such studies. The ACA accomplishes this goal through the ACA Annual Meeting, publications, history portal and membership as a Regional Associate of the International Union of Crystallography (IUCr).

The ACA is committed to diversity and inclusiveness in their membership, as well as in all activities, events, and programs, and services. Scientific innovation requires bringing together both diverse ideas and people from varied backgrounds who may have different world views and ways of solving problems. The ACA seeks to include and engage members across age, gender identity and expression, race, nationality, ethnicity, physical ability, marital status, sexual orientation, socioeconomic status, military or veteran status, or any other facet of social diversity in our society and seeks to remove obstacles to their professional growth and advancement. Through their actions at the international, national, and local levels, they strive to promote inclusion in academic, industrial, and government institutions for both current and future members of their organization.

## Estimated USA crystallographic statistics:

1,300 ACA members, 20 Nobel prizes involving crystallography and diffraction, 2 IUCr Ewald prizes, 220 x-ray/neutron instruments at national user facilities -- roughly for crystallographic experiments, 1000 laboratory x-ray single-crystal diffractometers, 10000 laboratory x-ray powder diffractometers, 1500 TEM instruments, 48,000 Protein Data Bank depositions.

## ACA 2021 Council

### President:

David Rose  
Department of Biology | University of Waterloo

### Vice President:

Diana R. Tomchick  
UT Southwestern Medical Center | Departments of Biophysics & Biochemistry

### Immediate Past President:

Brian H. Toby  
Advanced Photon Source | Argonne National Laboratory

### Canadian Representative:

Gerald Audette  
Department of Chemistry | York University

### Secretary:

Kushol Gupta  
University of Pennsylvania

### Treasurer:

Ilia A. Guzei  
University of Wisconsin-Madison

### YSIG Representative:

Chelsy Chesterman  
GlaxoSmithKline

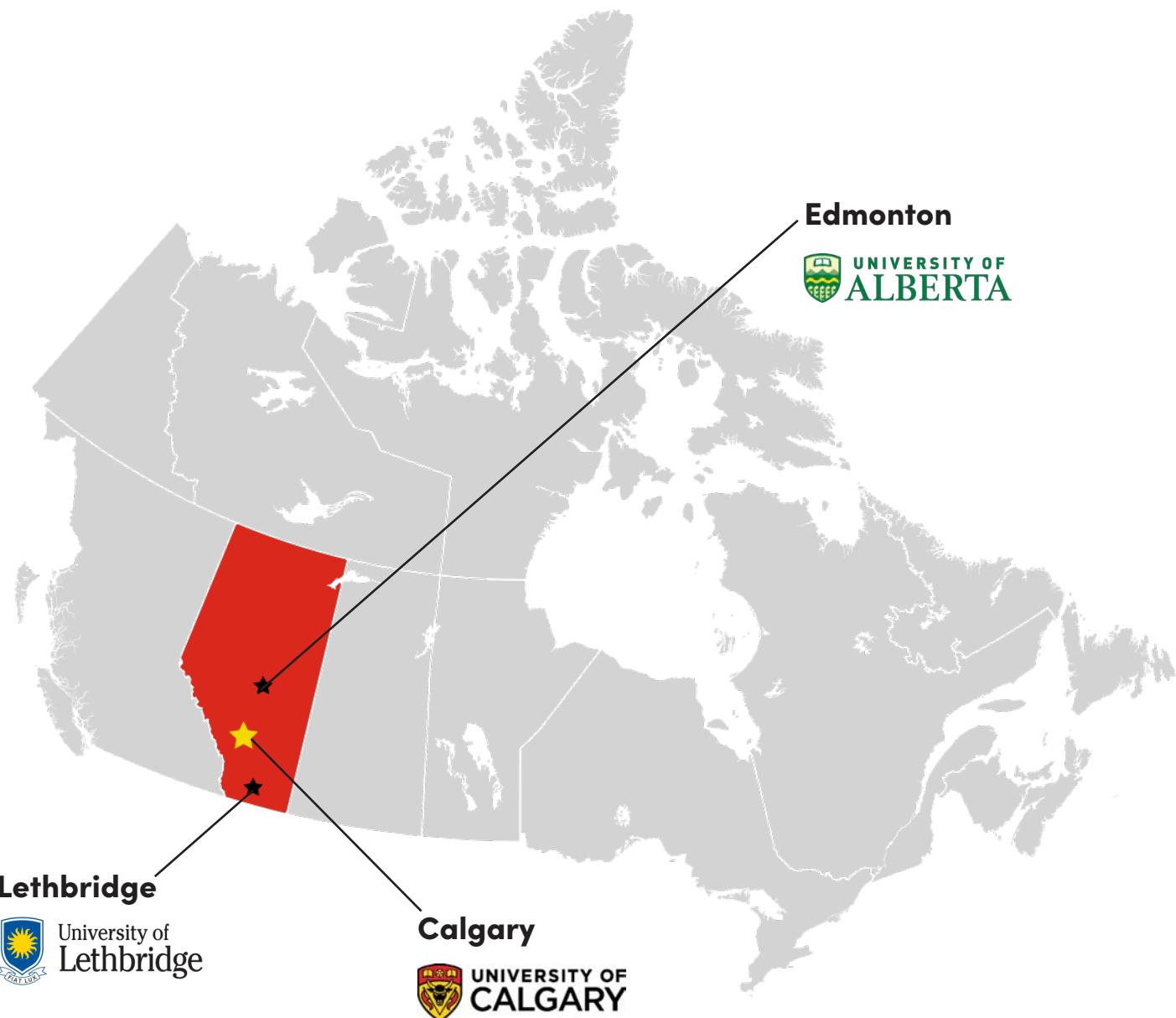
### IUCr Representative:

Hanna Dabkowska  
McMaster University

### ACA Executive Director:

Kristin H. Stevens

# Crystallography in Alberta, Canada





# Local University Partners



**UNIVERSITY OF  
CALGARY**

## **University of Calgary Calgary, Alberta, Canada**

At the University of Calgary, crystallographers work in the fields of structural biology, mineralogy, material science, and inorganic chemistry. Structural biologists include Dr. Gareth Williams determining molecular mechanisms of genomic instability and cancer and Dr. Alexei Savchenko studying microbial proteins involved in pathogenesis and antibiotic resistance, both at the Cumming School of Medicine, and Dr. Marie Fraser investigating enzyme mechanisms in the Department of Biological Sciences. Mineralogist Syle Antao studies crystal structures of minerals at different pressures and temperatures.

Material scientists include Dr. George Shimizu investigating metal-organic frameworks and Dr. Michelle Dolgos creating new materials for applications in clean energy and electronics. Research synthesizing inorganic molecules is supported by X-ray crystallographer Dr. Ben Gelfand. Inorganic chemist Dr. Farideh Jalilehvand is a structural chemist using both X-ray diffraction and X-ray Absorption Fine Structure (XAFS) spectroscopy, acting as a consultant to the IUCr Commission on XAFS. She was a member of the International Programme Committee at the 2017 IUCr conference.



**UNIVERSITY OF  
ALBERTA**

## **University of Alberta Edmonton, Alberta, Canada**

The University of Alberta has had a long-standing history of innovation in protein structural biology, including X-ray crystallography. The first protein crystal structure was solved at the University of Alberta in 1969 by Dr. Michael James (D. Phil, Fellow of the royal Society). This was also one of the first structures of a protease, and subsequently the James lab at the UofA became a leader in the protease field working on viral proteases including the SARS virus in 2003. Other landmark structures include determination of the structure of the first key muscle regulatory protein Troponin C.

At the University of Alberta, they have many labs that use X-ray crystallography in research. Other notable crystallographers include Dr. Mark Glover (CRC Tier I) who works on the breast cancer DNA binding proteins BRCA1, and is working to develop novel anti-cancer therapeutics. Dr. Andrew MacMillan's lab focuses on RNA binding proteins that are important in cancer therapies. Dr. M Joanne Lemieux (Former CRC Tier II) works on membrane proteases and has solved several crystal structures of proteins in collaboration with labs at the University of Alberta, including work on optogenetic sensors to assist with in vivo sensing of chemicals. Dr. Howard Young's lab focuses of the structural studies of SERCA transporter and its role in cardiac disease. Recent advances from the labs of Dr. Joanne Lemieux and Dr. Howard Young have contributed to the development of novel antivirals that target COVID-19.



# University of Lethbridge

## University of Lethbridge Lethbridge, Alberta, Canada

The University of Lethbridge installed its first X-ray diffraction system in 2001 and currently maintains a Rigaku-Oxford Diffraction SuperNova dual source instrument that supports both small molecule and macromolecular crystallography. Chemists and Biochemists at the University of Lethbridge use single-crystal and powder X-ray diffraction in the fields of structural biology, biomolecular interactions, materials science, organic and inorganic chemistry.

Structural biochemist Dr. Steven Mosimann and adjunct Professors, Dr. Wade Abbott and Dr. Robert Gruninger from Agriculture and AgriFoods Canada, determine the structures and function of microbial enzymes. Protein-nucleic acid interactions are investigated by Dr. Trushar Patel using a wide variety of techniques including small angle X-ray scattering (SAXS). Materials chemist Dr. Paul Hazendonk studies polymers incorporating nano-particles by NMR and PXRD. Small-molecule crystallography, directed by Dr. René Boeré, supports the synthetic research of organic chemists Drs. Peter Dibble and J-D. Hamel and inorganic chemists Drs. Paul Hayes and Michael Gerken.



**Why Calgary?**



# Ultimate Host City

## Your Ultimate Hosts

Calgary sits on the edge of the snow-capped Rocky Mountains and the vast expanse of the Canadian prairies. There is an underlying energy in the city that exhilarates, invigorates and motivates. With a population of almost 1.5 million, Calgary is a place of big skies, big ideas and welcoming, friendly people. There is always something to do - some new restaurant to try, festival to lose yourself in or attraction to experience. Calgary is dynamic. The city is also gaining global recognition for our architecture, young and affluent population, and celebrated arts and culinary scenes. It's a combination of cosmopolitan feel and undeniable community spirit that gives Calgary its unique energy.

## A billion reasons to hold your event in Calgary

Calgary is a meeting destination like no other: a mix of big-city energy and warm Western hospitality. With community spirit at its core, Calgary is full of shareable experiences. From a bustling downtown to character-filled neighbourhoods, along winding rivers and inside every welcoming venue, there are a billion reasons that make Calgary the perfect place to host your next meeting or event.

Why a billion? We're investing more than one billion dollars to make Calgary the largest convention destination in Western Canada. With an expanded BMO Centre and hotel development on Stampede Park, new event centre, new Culture & Entertainment district, upgrades to Calgary's pedestrian walkway - Stephen Avenue - and more.

Guided by your preferences, we make researching and booking your event as simple, straightforward and seamless as possible. Whatever you choose, the Meetings and Conventions team is your intermediary to venues, accommodations and other services to help you plan a successful meeting in Calgary.

## Past Clients Hosted in Calgary



- International Society of Biomechanics
- Pentecostal World Fellowship
- Society of Petroleum Engineers



- International Association of Women Police
- IEEE Signal Processing Society
- Kumon North America, Inc.



- International Play Association
- Society of Vertebrate Paleontology
- IEEE Industry Applications Society



- Federation for the Humanities and Social Sciences
- International Society for Prevention of Child Abuse & Neglect
- American Association of Petroleum Geologists

**[Tourism] Calgary was a one stop shop. From the site visit to the event, they rolled out the red carpet and offered true western hospitality. Our attendees loved everything from the event space to shops and restaurants right outside the doors. I would recommend Calgary and the [Tourism Calgary] team to anyone!"**

*- Joni Wallman, Events Manager, Sigma Theta Tau International*



# About Calgary



# #1

Calgary has been named the **most livable city in North America** by The Economist for two years in a row.



Calgary has the highest concentration of corporate head offices per capita in the country. The city has historically been home to major oil and gas producers but the list of companies headquartered here extends well beyond energy.



## The Volunteer Capital of Canada

Largely born out of the 1988 Winter Olympics and perpetuated with the annual Calgary Stampede, from World Cups to Golf Championships, volunteer wait-lists are not uncommon in Calgary.



## Young & Affluent

Calgary has the youngest population among Canada's major cities, third highest level of educational attainment, and the highest median household income.



Calgary is home to 240 different ethnic origins, ranking **third in Canada in the proportion of visible minorities**.



**Calgary is good for your bottom line.** Alberta is the only province in Canada without a provincial sales tax (PST).



Calgary is easily accessible worldwide, just one stop away from most major global cities.

## Climate

### Summer

Calgary is a mountain city with a dry climate directly related to our northern latitude. It also means Calgary summer days are longer. Temperatures are mild – the highest on average in July is at around 23.2°C (73.8°F).

### Winter

During the winter, the mountains to the west of Calgary receive abundant snowfall (perfect for skiing). The city itself usually has moderate snowfall. Winter often brings warm, westerly winds called Chinooks that can raise the temperature by as much as 15°C. The average daily temperature in the winter is -7.5°C (18.5°F).



Sunshine per year: 2,400 hours  
The sunniest major city in Canada!



Rainfall per year: 326 mm (12 inches)



Snowfall per year: 128 cm (50 inches)



# Calgary's Savings and Incentives

**Total  
\$746,463 CAD**

**Calgary is good for your bottom line.** Alberta is the only province in Canada without a provincial sales tax (PST).

For example, in British Columbia, you can expect 7% PST, in addition to the 5% Goods and Services Tax (GST). The federal government offers a GST rebate program for conventions to support cost recovery.

Savings and Incentives (\$CAD)		Description
\$459,213	In-Kind	The BMO Centre has offered a Memorandum of Understanding (MOU) discount of 66% on meeting space costs for a Congress with 3,000 attendees.
\$161,500	Cash	Calgary has secured a financial incentive to support overall Congress costs. This amount would be paid post-Congress and is reflective of guestroom actualization of 8,075 total room nights.
\$80,750	Cash	A rebate of \$10 CAD has been included in the guestroom rates and, should the projected block of 8,075 total room nights be actualized, the amount indicated would be paid post-Congress to offset overall costs.
\$20,000	Cash	Tourism Calgary has committed up to \$20,000 CAD to support attendance building and a VIP event in Melbourne in 2023.
\$15,000	In-Kind	Tourism Calgary has committed up to \$15,000 CAD to support planning site visits prior to the 2026 IUCr Congress.
\$10,000	Cash	Tourism Calgary has committed up to \$10,000 CAD to support deposits when final contracts need to be signed with the BMO Centre at Stampede Park and the hotels.

## DRAFT BUDGET

To demonstrate the financial viability of holding this meeting in Calgary, a draft budget has been prepared by one of Canada's leading professional conference organisers, Venue West Conference Services, in collaboration with the ACA, USNC/Cr and CNCC. Please refer to Page 23 for a copy of the preliminary budget.

# IUCr 2026 Budget Overview

Planning the budget for the 2026 IUCr Congress was a group effort with support from members of the American Crystallography Association, the US National Committee for Crystallography, the Canadian National Committee for Crystallography and the Local Organizing Committee. All dollar amounts presented are in Canadian dollars. The current exchange rate as of August 13th, 2021, is \$1 CAD = 0.80 USD/ 0.68 €/ 0.58 £.

The 2026 meeting will be a hybrid meeting, and forecast that approximately 20% of attendees will be virtual. Four different budget models have been established based on a total attendance of 1,850, 2,400, 2,950 and 3,500 attendees.

Focusing on 2,400 in-person attendees, there will be a menu of registration fees consistent with past Congresses. The full, early registration is set at \$1,000 CAD and the early student/retiree registration is set at \$650 CAD. For all models, it is assumed that 20 attendees will receive complimentary registration. Projected revenue would be \$3.14M CAD from registrations, exhibition fees, sponsorships, and incentives, and

expect to have approximately \$2.11M CAD in expenses associated with food and beverage, the host venue, expenses incurred for a hybrid Congress format and the exhibition. Additional expenses anticipated would be the ACA management fee, which scales with the number of attendees, repayment of the IUCr loan, and the capitation fee paid to the IUCr. Overall, the resulting profit of approximately \$525,000 CAD will be split evenly among the CNCR, USNC/Cr and ACA to be used for their respective programs advancing crystallography and structural science.

A student and young scientist-oriented approach has been taken into consideration for the Congress. The full registration fee includes the opening reception, morning and afternoon coffee breaks, Calgary light rail transit (CTrain) passes for the duration, hors d'oeuvres/ soft drinks at five poster sessions, and the conference banquet. Students and young scientists will receive subsidized lunches through an allocation from all registrations. Hors d'oeuvres and soft drinks will also be provided at the three general assemblies. Cash bars will be available at poster sessions and social functions.

In-person Comped Attendee Total	20	20	20	20
In-person Paying Attendee Total	1,480	1,980	2,480	2,980
In-person Attendees Total	1,500	2,000	2,500	3,000
Virtual Attendee Total	350	400	450	500
TOTAL CONFERENCE ATTENDANCE	1,850	2,400	2,950	3,500

B-Income Estimate	\$2,268,656	\$2,832,219	\$3,379,631	\$3,927,044
IUCr Loan	\$62,500	\$62,500	\$62,500	\$62,500
Calgary Contribution Based on Full Room Blocks	\$161,500	\$161,500	\$161,500	\$161,500
Hotel Room Rebate Based on Full Room Blocks	\$80,750	\$80,750	\$80,750	\$80,750
<b>INCOME SUBTOTAL</b>	<b>\$2,573,406</b>	<b>\$3,136,969</b>	<b>\$3,684,381</b>	<b>\$4,231,794</b>
CTrain Pass Expense (1,500 in-person minimum)	\$97,800	\$130,400	\$163,000	\$195,600
D-Food & Beverage Estimate	\$581,965	\$759,279	\$935,536	\$1,112,726
E-Expense Estimate	\$1,095,927	\$1,227,578	\$1,232,869	\$1,237,108
Repayment of IUCr Loan	\$62,500	\$62,500	\$62,500	\$62,500
IUCr Capitation Fee	\$115,625	\$150,000	\$184,375	\$218,750
ACA Management Fee	\$250,000	\$281,250	\$312,500	\$343,750
<b>EXPENSE SUBTOTAL</b>	<b>\$2,203,817</b>	<b>\$2,611,007</b>	<b>\$2,890,781</b>	<b>\$3,170,434</b>
<b>PROFIT/LOSS</b>	<b>\$369,589</b>	<b>\$525,962</b>	<b>\$793,601</b>	<b>\$1,061,360</b>
One-Third Split	\$123,196	\$175,321	\$264,534	\$353,787



# Event Services

Tourism Calgary offers an extensive list of resources and services to ensure the best event experience for meeting planners, clients and their delegates. Our dedicated Event Services team is committed to assisting meeting planners in organizing the details of your confirmed meeting or convention. Our team can provide you with event logistics, pre and post event options, attendance building, and more.

## Meeting Planners Toolkit

We know that your time is at a premium, which is why we have compiled a comprehensive toolkit of helpful resources, such as:

- Customizable attendance building materials.
- Custom microsite connecting delegates with what they need to know when visiting Calgary.
- Media library with high-quality destination photos, B-roll, and Tourism Calgary logos.
- Digital downloads of visitor guides and Calgary mini-maps to help attendees make the most of their visit.
- Delegate discounts including links to coupons for local attractions.
- Pre and post, local tours and companion tour experiences.
- Connections to local experts that can assist with developing and facilitating technical tours related to the conference theme or industry.
- Written destination content, links to useful destination resources, and digital banners for e-newsletters and conference websites.

- A list of local suppliers, including, photographers, caterers, transportation providers, local gift options, off-site venue options, restaurants, tour operators, and more.

## Site Visits

Tourism Calgary's Event Services team is here to support you as you move through the planning process towards a successful event. We can assist with the coordination and logistics of a customized site visit itinerary, with both virtual and in-person options available.

## On-Site Services & Experience Enhancements

Tourism Calgary offers numerous ways to help make your event truly memorable, such as, on-site visitor services and the uniquely Calgarian, White Hat Ceremony. Your event could be eligible for:

- Access to the YYC Calgary International Airport Hospitality Services.
- Physical copies of our visitor guides and Calgary mini-maps for attendees.
- A staffed, on-site Calgary information table including suggestions on what to do and where to eat in and around the city.
- Assistance with coordinating a White Hat Ceremony.
- Welcome pageantry at YYC Calgary International Airport and/or the meeting venue.
- Meeting/convention advisories to transportation providers, restaurants, tour operators, and attractions.



"The numerous resources available from [Tourism Calgary] have provided me tremendous advantage and guidance for my conference planning experience in Calgary. From the White Hat Ceremony, to airport greeters and being an overall go-to for recommendations on supplier partners has made [Tourism Calgary] an invaluable resource; integral to the success of my client's conference."

- Ellen Boddington, BA, CMP, CMM, Stellar Conference & Event Management Inc.



# Access



# Airlift & Local Transportation

## Calgary's International Airport (YYC)



**4<sup>th</sup> Busiest Airport in Canada** with over 1,400+ weekly departures, 24/7, over 18 million passengers a year (2019). No more than one stop from every major global destination.

Travel from YYC to Downtown in 20 minutes via taxis, sedans limousines, Uber, or Calgary transit bus.



## Public Transit

The backbone of Calgary's transit system is the CTrain, a light-rail train system that runs NW to SE and SW to NE. The downtown core is a Free Fare Zone, allowing passengers to travel between hotels, restaurants and events free of charge. Calgary also boasts an extensive busing system. Bus and CTrain tickets are purchased at YYC or paid by cash on the bus or cash/credit at the train station.

## Explore Calgary on Foot, by Bike or Scooter

Calgary has the most extensive urban pathway and cycle network in North America, with approximately 850 km of regional pathways and 95 km of trails. Exploring on foot is extremely easy, with plenty of wayfinding signage to help guide you to attractions, restaurants, and public art. The popular e-bike and e-scooter sharing program, Lime, is also available in Calgary. Users can download the mobile application, locate, and rent starting at \$1.00.

Calgary also has the world's largest elevated, climate-controlled pedestrian pathway - the +15 Skywalk System. At 18 km long, the +15 (pronounced "plus 15") links over 100 downtown buildings and shopping centres. In most buildings, the +15 can be accessed on the second floor, watch for the blue +15 signage.

## Group Travel Discounts with Canadian Airlines



Air Canada's [Meetings and Events Program](#) is available for 10 or more people travelling from multiple points of origin to the same destination. They simplify the booking process for you and your clients and you can take advantage of their reduced rates and other valuable benefits when planning trips within their extensive North American and international network.



WestJet's [Groups and Conventions Program](#) would be able to support your event by providing discounts for your attendees through their ever-expanding global network. For conventions with 25 or more delegates travelling from different locations to one destination, discounts would be available off their published fares, guaranteeing the lowest fare, as well as other great benefits.



# Direct Flights into Calgary

Calgary is easily reachable via a one-stop connection from almost anywhere worldwide. This destination list is based on 2019 activity prior to the COVID-19 pandemic and is subject to change.

## Canadian Destinations

**Alberta:** Edmonton, Fort McMurray, Grande Prairie, Lethbridge, Lloydminster, Medicine Hat

**British Columbia:** Abbotsford, Castlegar, Comox, Cranbrook, Fort St. John, Kamloops, Kelowna, Nanaimo, Penticton, Terrace, Vancouver, Victoria

**Manitoba:** Brandon, Winnipeg

**Northwest Territories:** Yellowknife

**Nova Scotia:** Halifax

**Ontario:** London, Ottawa, Toronto, Windsor

**Saskatchewan:** Regina, Saskatoon

**Yukon:** Whitehorse

## U.S Destinations

**Arizona:** Phoenix

**California:** Los Angeles, Palm Springs, San Diego, San Francisco

**Colorado:** Denver

**Florida:** Fort Lauderdale, Orlando

**Georgia:** Atlanta

**Hawaii:** Honolulu, Kahului

**Illinois:** Chicago

**Massachusetts:** Boston

**Minnesota:** Minneapolis/Saint Paul

**Nevada:** Las Vegas

**New Jersey:** Newark

**New York:** New York City

**Oregon:** Portland

**Tennessee:** Nashville

**Texas:** Austin, Houston, Dallas/Fort Worth

**Utah:** Salt Lake City

**Washington:** Seattle

## International Destinations

**China:** Beijing

**France:** Paris

**Germany:** Frankfurt

**Ireland:** Dublin

**Italy:** Rome

**Japan:** Tokyo

**Netherlands:** Amsterdam

**United Kingdom:** London

Additional seasonal flights available to sun destinations (Bahamas, Belize, Costa Rica, Cuba, Dominican Republic, Jamaica, Mexico)



## #FlyHealthyYYC

The YYC Calgary International Airport's commitment to safety remains their top priority. As travellers return to YYC, we want you to trust that they remain focused on delivering a safe and healthy airport to work at, to begin their journey or to welcome them home.

[Click here to learn more](#)



# Calgary Transit

The City of Calgary's Transit department has offered a discounted day pass rate to the International Union of Crystallography that would enable delegates and students to travel between the venue and selected hotels with ease by light rail transit or bus.

**The reduced cost would be \$8.15 CAD per day per delegate.** The projected regular day pass rate in 2026 would be \$12.55 CAD per person per day, but a discount of 35% has been offered. This cost could be built into the registration fees, creating a more seamless experience

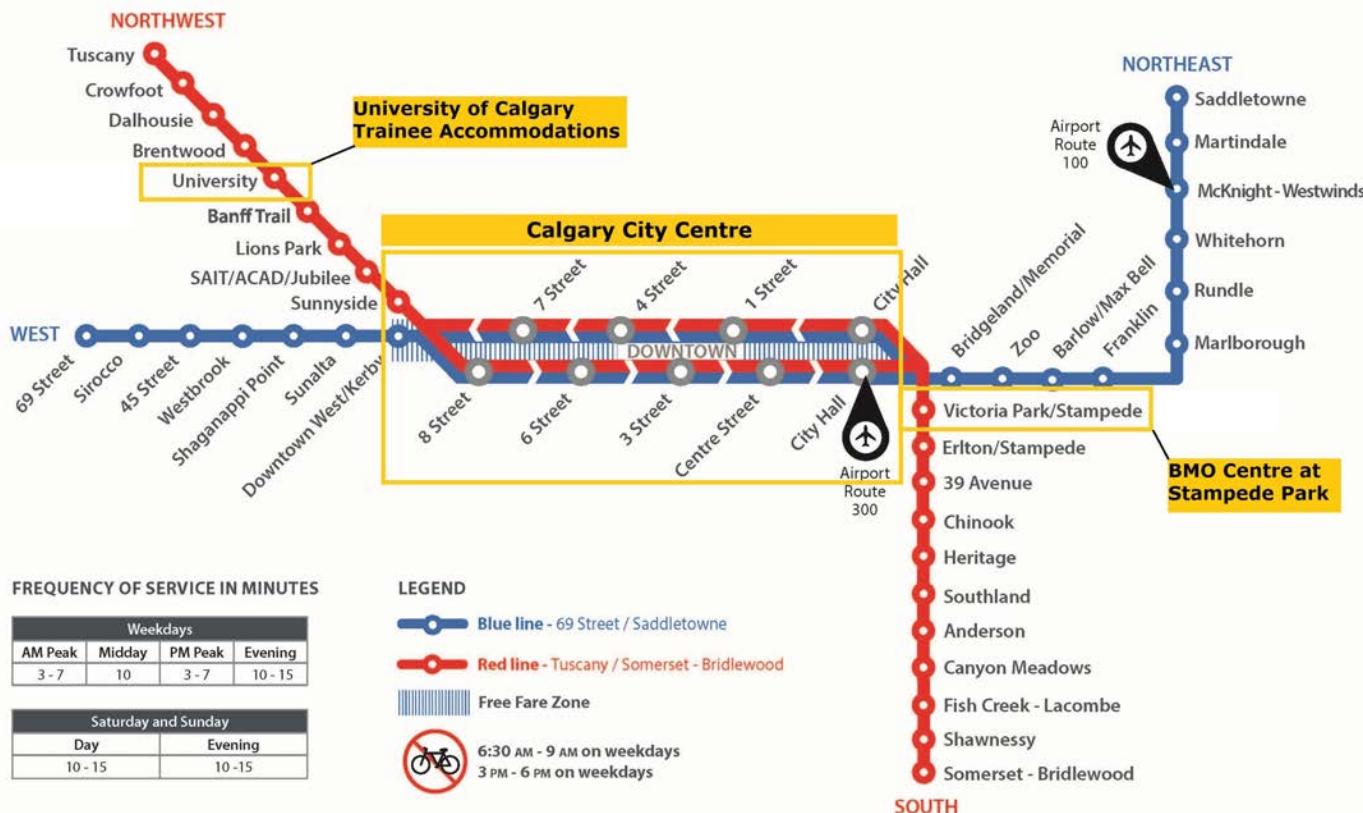
for your delegates here in Calgary.

The below image indicates the light rail transit (CTrain) stops for the primary venue and the University of Calgary trainee accommodation. Travel time between both locations on the CTrain is approximately 20 minutes during peak hours.

All downtown hotels proposed are either directly on the free fare zone indicated below or within no more than 10 minutes walking distance from the nearest stop.



## CTrain Map





# Visiting Canada

## Travel Information

Visitors to Canada must have valid travel documentation, such as a passport. In certain cases, a visa or Electronic Travel Authorization (eTA) may also be required. Visitors must present this documentation upon arrival at a port of entry. For more information on visas, eTAs, visiting Canada for business, and traveling with minors, please visit the [Government of Canada](#) website.

Like most countries, Canada has restrictions on certain goods you can bring into the country, this includes items such as firearms, animals and plants. You must declare all goods when you first arrive at your port of entry. For more information, visit the [Canada Border Services Agency](#).

## VISA Requirements

All visitors to Canada arriving from a different country must cross the Canadian border and go through customs with the Canada Border Services Agency.

**Visa-exempt countries (Page 30):** Visitors will need to complete an electronic Travel Authorization (eTA). However, these travellers do not need an eTA if entering by land or sea – for instance, driving from the U.S. or coming by bus, train, or boat, including cruise ship.

**Visa-requiring countries (Page 30):** Visitors will need to apply for a visitor visa in advance of the Congress.

All visa applications are assessed individually and all visa decisions must be made in accordance with the Immigration and Refugee Protection Act (IRPA) and its Regulations. By law the client must satisfy the visa officer that the individual:

- will leave Canada at the end of their authorized stay;
- has enough money to support themselves and their family members when in Canada and then to return home;
- does not intend to work or study in Canada unless

authorized to do so;

- is a law abiding citizen and has no record of criminal activity;
- will not be a risk to the security of Canada;
- has produced all additional documents requested by the officer to establish their admissibility; and
- is in good health.

## Currency

The monetary system in Canada is comprised of Canadian dollars and cents. Although many businesses accept American currency, visitors are advised to exchange their traveller's cheques or homeland currency for Canadian currency. The best exchange rates can be found at chartered banks, credit unions, caisse populaires, and airport and border crossing exchange booths. Each financial institution sets its own exchange rate. Please note, some banks may charge a fee to cash travellers cheques.

Automated teller machines (ATMs) with Plus or Interac symbols accept banking cards from outside Canada. Most banks charge a nominal fee for international transactions; fees will vary. Most venues accept major national and international credit cards and travellers cheques as payment.

## Tourism Levy & Fees

Alberta has a four per cent (4%) levy and a three per cent (3%) Destination Marketing Fee on hotel rooms.

## Goods and Services Tax

The five per cent (5%) federal goods and services tax (GST) is a value-added tax that applies to most goods and services. Similar systems of taxation are used in at least 48 other countries.

## GST Rebate for Foreign Conventions

The Canada Revenue Agency may be able to support your convention with a rebate of the GST paid on a convention facility and a related convention supply. To learn more about GST rebates and eligibility, visit the [Canada Revenue Agency](#).

## Visa-exempt Countries

- Andorra
- Australia
- Austria
- Bahamas
- Barbados
- Belgium
- British citizen
- British National (Overseas)
- British overseas citizen (re-admissible to the United Kingdom)
- British overseas territory citizen with citizenship through birth, descent, naturalization/registration in one of the British overseas territories of:
  - Anguilla
  - Bermuda
  - British Virgin Islands
  - Cayman Islands
  - Falkland Islands (Malvinas)
  - Gibraltar
  - Montserrat
  - Pitcairn Island
  - Saint Helena
  - Turks and Caicos Islands
- British Subject with a right of abode in the United Kingdom
- Brunei Darussalam
- Bulgaria
- Chile
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hong Kong Special Administrative Region of the People's Republic of China
- Hungary
- Iceland
- Ireland
- Israel, must have a national Israeli passport
- Italy
- Japan
- Republic of Korea

- Latvia
- Liechtenstein
- Lithuania
- Luxembourg
- Malta
- Mexico
- Monaco
- Netherlands
- New Zealand
- Norway
- Papua New Guinea
- Poland
- Portugal
- Romania (electronic passport holders only)
- Samoa
- San Marino
- Singapore
- Slovakia
- Slovenia
- Solomon Islands
- Spain
- Sweden
- Switzerland
- Taiwan
- United Arab Emirates
- United States, lawful permanent resident of
- Vatican City State, must have a passport or travel document issued by the Vatican.

**Information obtained from the [Government of Canada](#).**

## Visa-required Countries

These visitors require a visa to come to Canada by any method of travel

- plane, car, bus, train, or cruise ship.

Please [click here](#) for a list of Visa-required countries.

## Your Event in Canada

### Register your event with the Canada Border Services Agency and Immigration, Refugees and Citizenship Canada's Special Events Unit

Tourism Calgary can facilitate connections between the Congress organizers and key contacts at the Canadian Border Services Agency (CBSA) and at Immigration, Refugees and Citizenship Canada (IRCC).

Canada's International Events and Convention Services Program (IECSP) was developed by the federal government to encourage organizations to hold their events in Canada, and the program facilitates the movement of goods and attendees in and out of the country. Registration of your Congress is easy and can be done with the [CBSA](#).

Registering the Congress under this program, provides congress organizers with one point of contact at the CBSA. This contact will assist with any inquiries, assign a reference number to the Congress and provide a Letter of Recognition that can be shared with visitors, bringing goods or services across the Canadian border. The program also provides accurate guidance on tax and duty rebate programs available to International Conventions hosting their meeting in Canada.

The IRCC's Special Events Unit will provide you with information and support regarding Canada's visa and entry requirements and help to facilitate timely processing of visa applications. The IRCC will issue a unique special event code to include in the letter of invitation provided to delegates from visa-required countries to include with their application. They will also inform Canada's visa offices abroad about the Congress to facilitate the timely processing of visa applications. Registration can be completed with the [Government of Canada](#).

### Work Permits

Work permit requirements will be outlined in the Letter of Recognition provided by the IECSP Regional Coordinator. More information can be found at [Immigration and Citizenship Canada](#).

### Additional Resources

Our national partner, Business Events Canada (BEC), has created a guide outlining everything you need to know about planning an event in Canada. For more information, see the [BEC Planning Toolkit](#). To learn more about visiting Canada, visit [Canada Border Services Agency](#).

## Healthcare in Canada

We encourage visitors inquiring to call Health Link by dialing toll-free at 866-408-5465 for quick and easy advice from a registered nurse 24/7. They will ask questions, assess symptoms and determine the best care for the individual.

Health Link can talk to them about what level of care they require and where they can get it. For emergency health services, in general, services would not be withheld.

Visitors requiring prescription medication should bring a copy of the prescription in case they require renewal in Canada.

## Health Insurance Considerations

A visitor should always check in advance of their trip how they would be covered and what would be covered by their travel insurance (if they have it).

If visiting from out of country, both health and dental would typically require payment for services up front (unless they're unable to because of emergency health purposes). It would then be expensed through their insurance provider, who will determine which costs are covered and what's out of pocket.

For out-of-province visitors from Canada, it's possible they may be able to charge it back to their insurance provider. Alberta Health Services and Health Canada advises visitors to call their insurance provider to see what's covered and to get more information on their individual plans.

## Closest Healthcare Facilities to the Venue:

### Nearest Hospital for Emergencies:

Rockyview General Hospital  
7007 - 14 St SW, Calgary, AB T2V 1P9  
403.943.3000  
Open 24 hours, Emergency Department  
Distance from Venue: 15-minute drive

### 2<sup>nd</sup> Nearest Hospital for Emergencies:

Foothills Medical Centre  
1403 - 29 St NW, Calgary, AB T2N 2T9  
403.944.1110  
Open 24 hours, Emergency Department  
Distance from Venue: 20-minute drive

### Closest Level 1 Trauma Centre Hospital:

Foothills Medical Centre  
1403 - 29 St NW, Calgary, AB T2N 2T9  
403.944.1110  
Open 24 hours, Emergency Department  
Distance to Venue: 20-minute drive

### Urgent Care Centre:

Sheldon M. Chumir Health Centre  
1213 - 4 St SW, Calgary, AB T2R 0X7  
403.955.6200  
Open 24 hours, Emergency Department  
Distance to Venue: 5-minute drive





# Meet and Stay



# BMO Centre at Stampede Park

## Overview

The BMO Centre at Stampede Park is located on the south east corner of downtown in the heart of Calgary's emerging cultural and entertainment district. The BMO Centre is a part of the Calgary Stampede, a not-for-profit community organization that preserves and celebrates our western heritage, cultures and community spirit.

Currently, the BMO Centre offers 250,000 square feet (sq. ft.) of exhibit space and 20,000 sq. ft. of meeting space. However, an expansion is currently underway and will be opening in 2024. Once completed, the BMO Centre at Stampede Park will be Western Canada's largest Convention Centre, offering Calgary's largest ballroom at 50,000 sq. ft. and 80,000 sq. ft. of meeting space - including a 20,000 sq. ft. junior ballroom, and 350,000 sq. ft. of contiguous exhibit space.

Located adjacent to the BMO Centre are also two very unique event venues. The Nutrient Western Event Centre, ideal for indoor rodeos or agricultural events with 20,000 sq. ft. of exhibit area and seating for 2,500. The Big Four Roadhouse is a concert or corporate hosting venue with built in 40' bar and stage, it has a total of 120,000 sq. ft. of event space on two levels.



On-site Hotel Development  
(Opening TBC)



20 km | 12.4 mi | 22 min.



500,000 sq. ft.  
(Effective June 2024)  
[Click here to learn more](#)



- Food & Beverage: In-house  
- Audio Visual: Encore  
- Show Services: GES  
- Decor: Decor & More



- On-site paid parking  
- Connected to a light-rail transit station (Calgary CTrain)



- Global Biorisk Advisory Council (GBAC) STAR  
- ISO 14001 certification

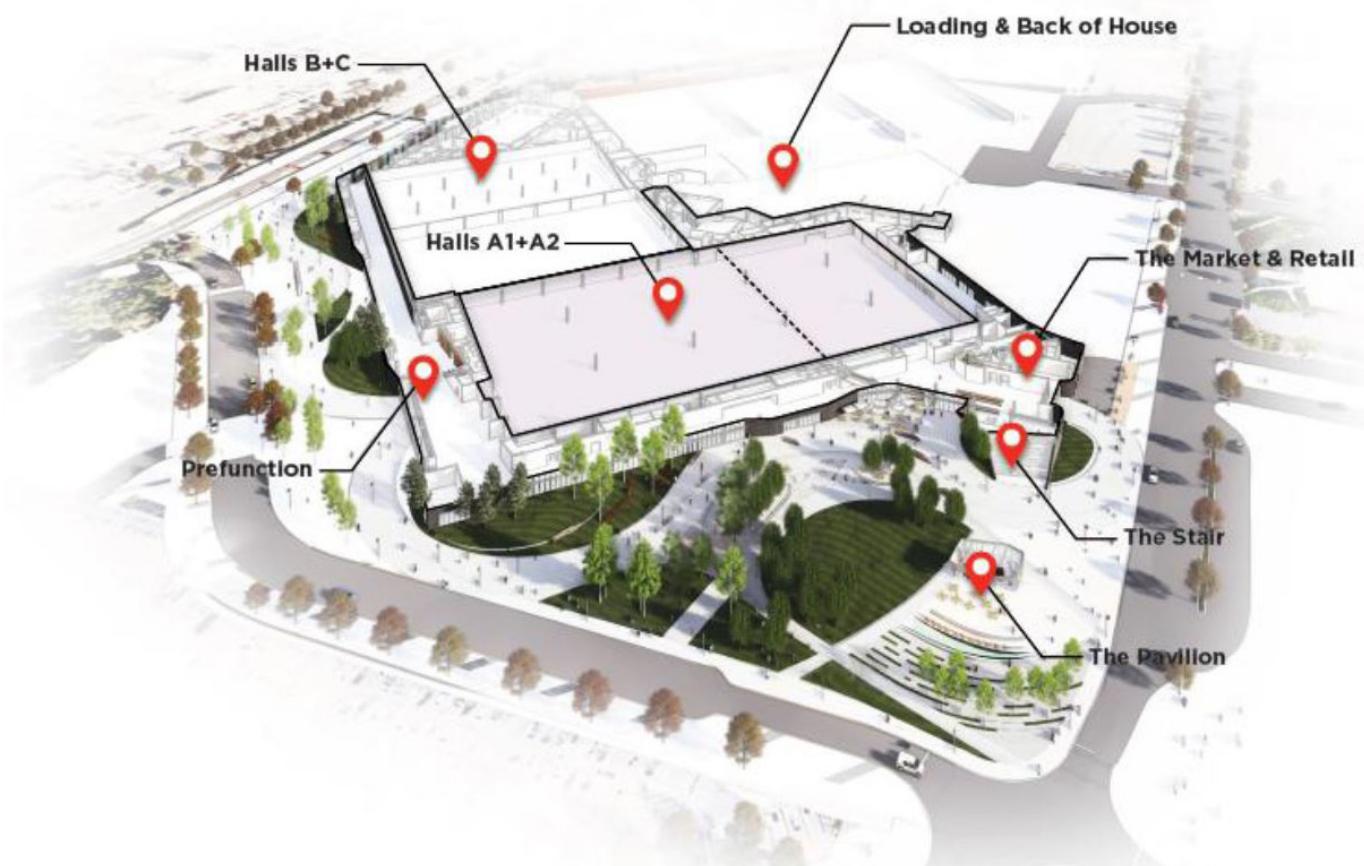


[Safe Event Operating Framework](#)

Images shown are renderings of the 2024 expansion project

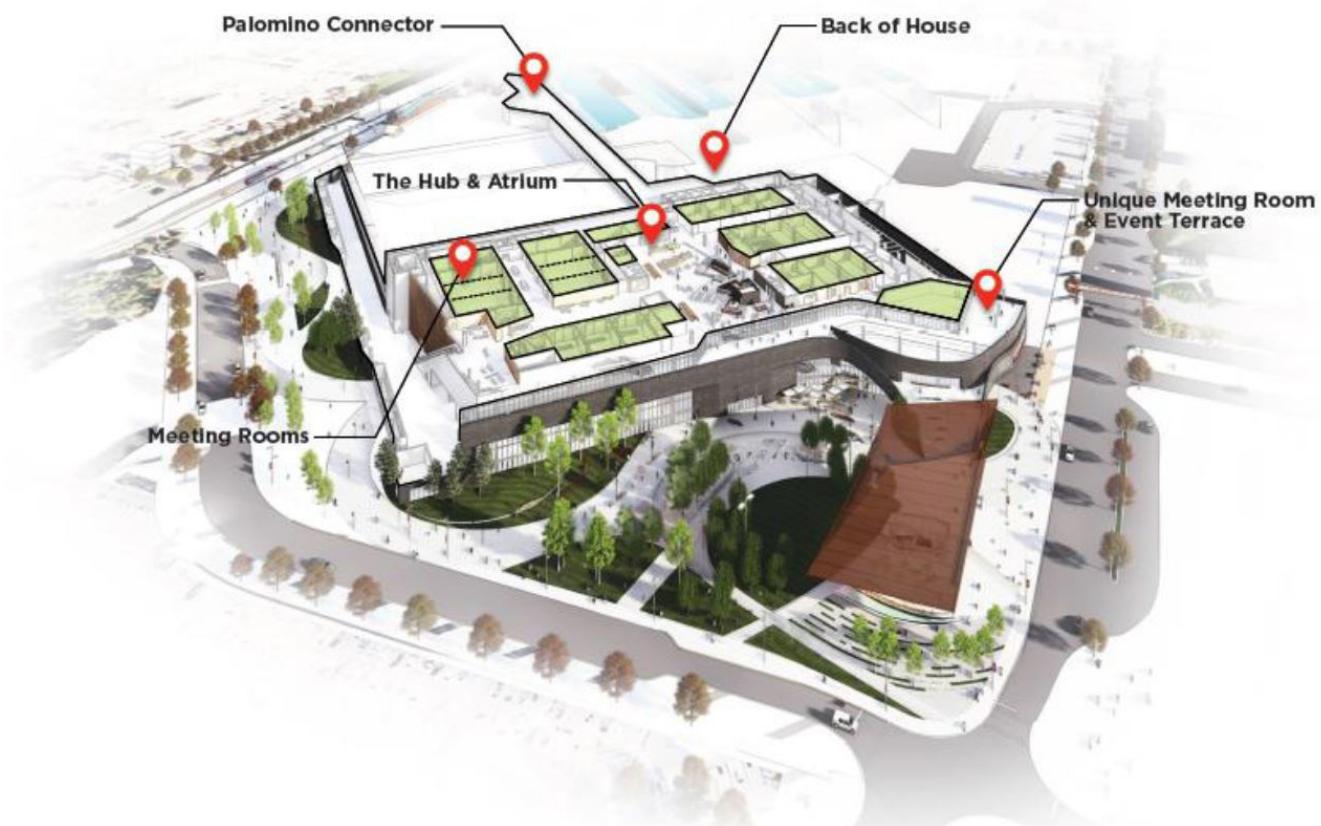
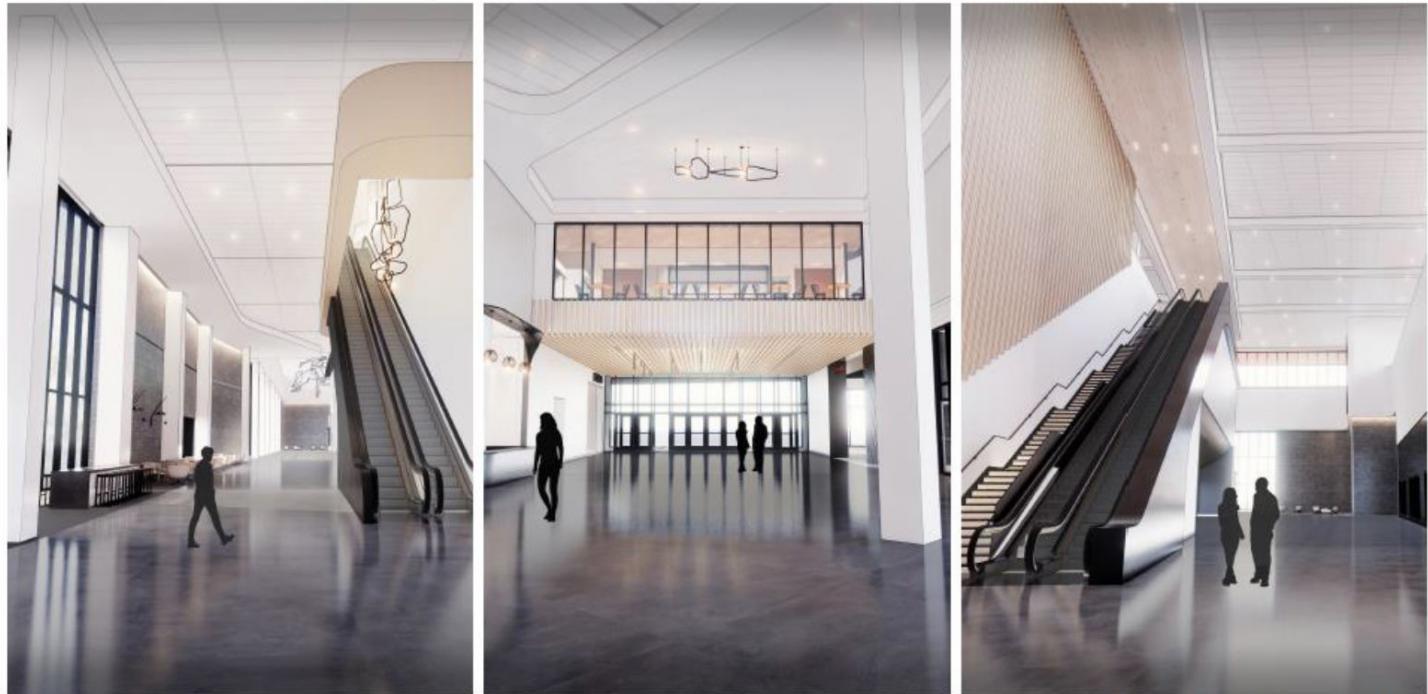


## 2024 Expansion Renderings of the BMO Centre at Stampede Park



## 2024 Expansion Renderings of the BMO Centre at Stampede Park

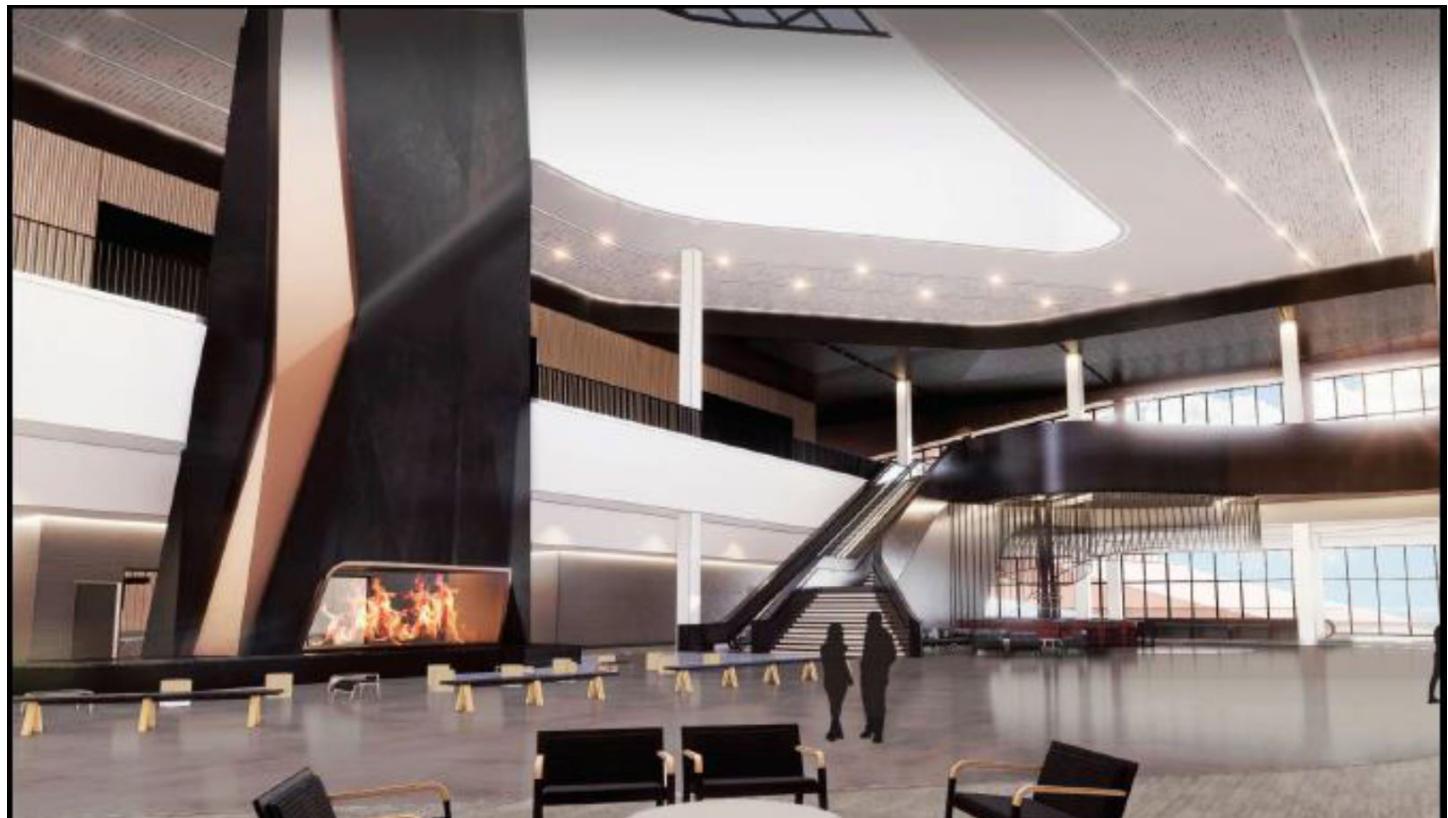
Ground Level Prefunction - Level 1 (Exhibit Hall)



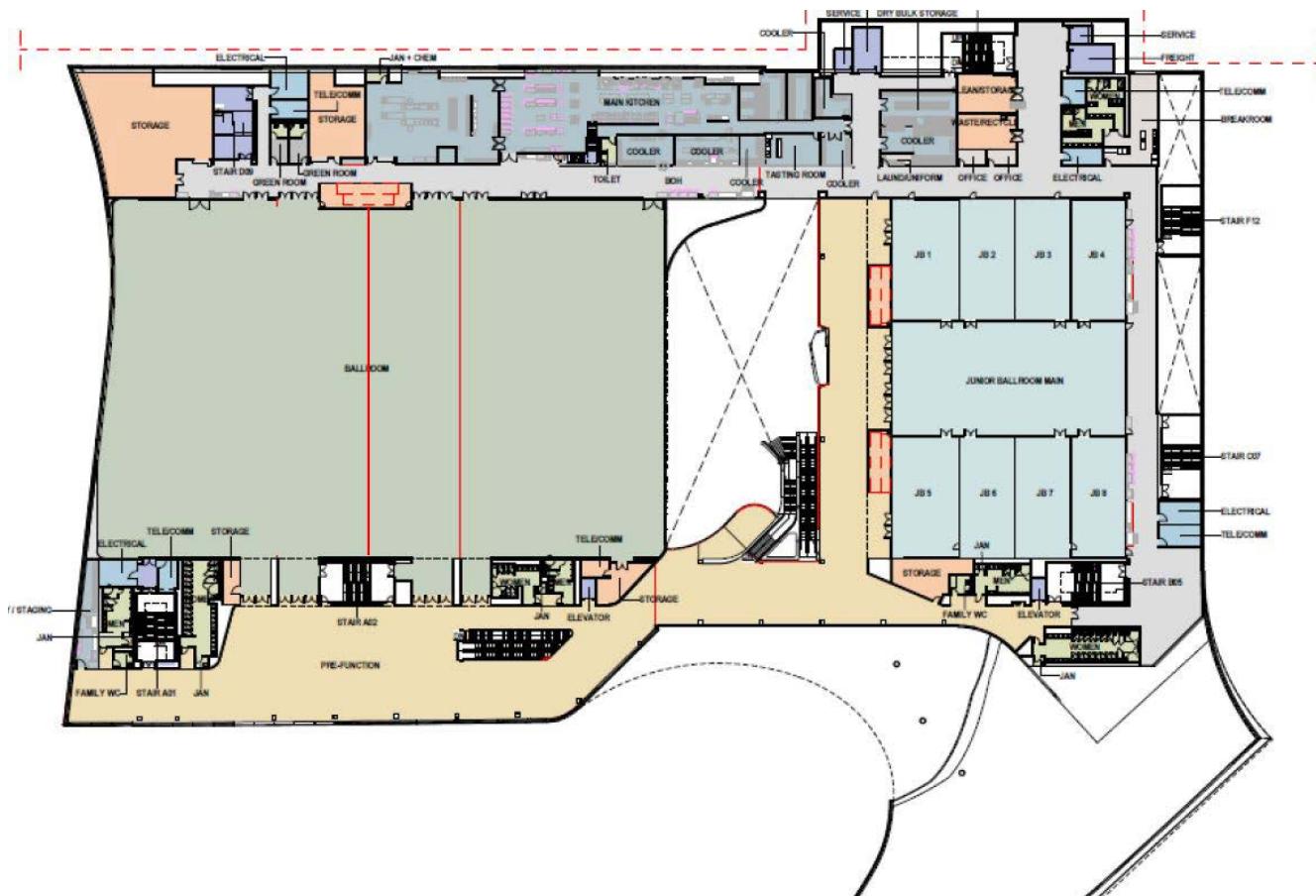
## 2024 Expansion Renderings of the BMO Centre at Stampede Park



## 2024 Expansion Renderings of the BMO Centre at Stampede Park



## 2024 Expansion Renderings of the BMO Centre at Stampede Park



Ballroom Prefunction and Ballroom - **Level 3 (Ballroom)**



## 2024 Expansion Renderings of the BMO Centre at Stampede Park



# Downtown Calgary Map



## Meeting Venue

- A. BMO Centre at Stampede Park

## Downtown Hotels

1. Alt Hotel Calgary East Village
2. Calgary Marriott Downtown Hotel
3. Delta Hotels by Marriott Calgary Downtown
4. Fairfield Inn & Suites Calgary Downtown
5. Fairmont Palliser
6. Hotel Arts
7. Hyatt Regency Calgary
8. Le Germain Hotel Calgary
9. Ramada Plaza by Wyndham Calgary Downtown

10. Residence Inn by Marriott Calgary Downtown/Beltline District
11. Sandman Signature Calgary Downtown
12. Sheraton Suites Calgary Eau Claire
13. Westin Calgary, The

## Accommodation for Students and Young Scientists (North West)

14. University of Calgary Accommodations and Events

# Accommodations for Students and Young Scientists

The team at the University of Calgary Accommodations and Events has provided a wide range of budget-friendly accommodation options in their seasonal residence rooms at the main campus, located 20 minutes from the BMO Centre at Stampede Park by light-rail transit (also known as the CTrain).

Delegates will be pleased to know that by staying at this property, they are supporting the University of Calgary's academic and student programming initiatives. The following room types have been proposed:

## Standard Single Room (International House)

**Rates:** \$118 CAD per person/night

[Click here to learn more](#)

- One queen bed
- Sleeps up to 2 individuals
- Minifridge, microwave and coffee makers
- Desk with ergonomic chair
- Complimentary Breakfast
- Complimentary Wired or wireless internet access
- Access to University of Calgary Fitness Facilities, including Olympic size pool
- In-building laundry (\$)
- Housekeeping service

## 1, 2 or 3-Bedroom Dormitory Apartment (Yamnuska Hall)

**Rates:** \$49 - 78 CAD per person/night

[Click here to learn more](#)

- One double bed with a dresser, bookcase, armoire, desk and a chair in each bedroom with lockable door
- Sleeps 2 to 6 individuals depending on apartment type
- Private bathroom with shower, sink, and toilet
- Breakfast bar with sink, microwave, fridge and breakfast table
- Complimentary Wi-Fi
- In-building laundry (\$)
- Campus recreation passes available for \$5 each
- Housekeeping service every 5<sup>th</sup> day

## Traditional Dormitory (Kananaskis Hall)

**Rates:** \$34 CAD per person/night

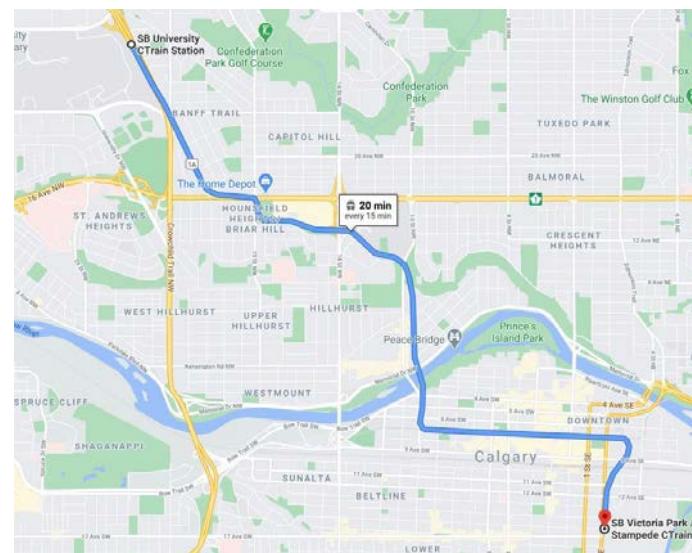
[Click here to learn more](#)

- One/Two single beds
- Sleeps up to 2 individuals
- Desk, dresser, and mini-fridge
- Shared by gender communal washroom and shower facilities in each wing
- Complimentary Wi-Fi
- In-building laundry (\$)
- Campus recreation passes available for \$5 each
- Housekeeping service every 5<sup>th</sup> day

## Calgary Transit to the University

The City of Calgary's Transit department has offered a discounted day pass rate to the that would enable delegates, young scientists and students to travel between the venue and selected hotels with ease by light rail transit or bus (See Page 28).

The travel time on light rail transit (CTrain) between the University of Calgary and the BMO Centre at Stampede Park is approximately 20 minutes during peak hours.



# Suggested Social Program Venues



## The Big Four Roadhouse

The Big Four Roadhouse has been transformed into a modern venue and boasts an enhanced event experience. With exhibit and event space on two levels, it can accommodate a variety of different events, from concerts to trade shows and is equipped with show offices, exhibitor lounges, concessions, and more.

**Reception: 4,000 | Banquet: 1,800**

## Heritage Park

Heritage Park is one of Calgary's most distinctive venues with year-round facilities to suit any occasion for 12 or 3,000 delegates. As one of North America's largest and most successful living history museums, Heritage Park's exhibits span the early 1860s fur trade to the petroleum and automobile-dominated 1950s.

**Reception: 1,000 | Banquet: 1,500**



## Spruce Meadows

With more than 400 acres of property, Spruce Meadows is one of the leading venues in the world for international horse sports and sets the stage for a truly memorable experience. They offer multi-purpose meeting and special event space complete with break-out rooms, professional support services, and banquet facilities.

**Reception: 5,000 | Banquet: 1,800**

## WinSport

WinSport's world-class facility is home to one of the most dynamic event and meeting spaces in Calgary - right on one of the primary venues of the 1988 Winter Olympic Games. Their purposeful venues feature bright, open spaces with floor to ceiling windows, menus tailored for each occasion and state-of-the-art audio and visual.

**Reception: 2,000 | Banquet: 1,000**



# Calgary's Backyard



# Explore Calgary

## Calgary Cuisine

Calgary is world-renowned for innovative, creative and unique cuisine. With a variety of internationally acclaimed local chefs, the food scene here is vibrant and constantly growing - in the downtown core alone there are over 200 restaurants. From exquisite fine dining to casual cowboy fare, Calgary's cuisine is sure to tantalize every palate.

## Arts & Culture

With numerous theatre companies, art galleries, music halls, and highly attended festivals, Calgary's arts and culture landscape is thriving. Dynamic, world-class performances take place nightly, from ballet to opera, musicals to comedy.

## Shopping in Calgary

Whether you're picking up custom-made cowboy boots or perusing high-end fashion, Calgary is packed with fantastic shopping centres and stores, sure to quell your retail therapy needs.



## Professional Sport Leagues

Calgary is the proud home of six professional sport leagues within hockey, ringette, football, soccer, and lacrosse. The city is filled with incredibly skilled professional athletes to check out at a game throughout year and experience the energy Calgary is known for.

## Local Tours



## Calgary Food Tours

There are hidden culinary gems all throughout Calgary and more than you can possibly imagine. But how do you find them? That's where Calgary Food Tours Inc. comes in. Take a break from your ordinary routine and go on a fun-filled food adventure. Calgary Food Tours Inc. offers a variety of culinary tours that range from an urban hike up 17th Ave, finding those unique and memorable dining spots, to a guided tour of the Calgary Farmers' Market with a professional chef. What a great way to spend a Saturday morning.

## Rafting Adventure on the Bow River

View downtown Calgary on a guided, raft float trip through the city centre on the Bow river. Safe and fun for all ages. (Approximately 1 1/2 hour on the river, based on the flow.) Trip includes life jackets and raft experience. Team building activities available. Custom tours and group rates available.

## Calgary City Tours

Explore Calgary the way locals do! Walk through downtown and explore a bit of history, city-shaping events, public art, pathway system and places to shop and eat. For a broader view and to cover more ground, take a Bus Tour with us through Calgary communities and capture some great photos while learning about the latest city attractions and places to discover on your own. Either way, you won't be disappointed as you learn about Calgary and discover first hand why we are so proud of our beautiful city, the gateway to the Rocky Mountains.



# Activities & Attractions

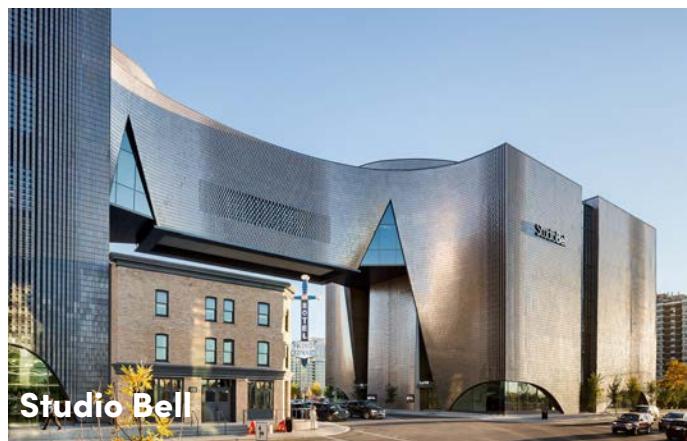
Calgary boasts an incredible selection of activities and attractions that will spark your imagination and get your heart racing. From yoga with goats to skydiving indoors, and everything in-between, we invite you to experience all that our city has to offer.

## TELUS Spark

The TELUS Spark Science Centre is a space for people of all ages and abilities to let go and embrace the desire to explore science, technology, engineering, art and math. The centre features incredible exhibits and programs, over 200 hands-on experiences and the largest Dome theatre in Western Canada.

## Calgary Zoo

A central fixture in the city, the Calgary Zoo is located downtown, occupying St. Georges Island on the Bow River. The Zoo offers captivating animal experiences and exhibits, including the new Panda Passage. The Zoo is also one of Canada's leaders in conservation efforts.



## Studio Bell

Studio Bell, home of the National Music Centre, is a world-renowned architectural wonder and an international hub of music and technology. The National Music Centre features a 2,000+ piece collection of artifacts, instruments and music technology, 22,000 sq. ft. of exhibitions, a 300-seat performance space, and recording studios, including the Rolling Stones Mobile Recording Studio.

## WinSport

For those seeking a complete sport and adrenaline experience without leaving the city limits, WinSport (known as Canada Olympic Park) has everything an outdoor enthusiast could ask for - from skiing to mountain biking. The park also includes a breath-taking skyline luge ride and high-speed zipline that approaches speeds of 70km per hour.



## Heritage Park Historical Village

See and feel the past as it comes to life in front of your eyes. This unique Park's attractions and exhibits span Western Canadian history from the 1860s to 1950s. With over 180 exhibits on 127 acres of land, Heritage Park is Canada's largest living history museum.

## Calgary Tower

Open every day of the year (except Christmas), this attraction is a landmark of the city. Come to the Tower for a 360 degree view of Calgary from the 191 metre observation deck, and gaze at the mountains and prairies that surround the city. This is a great experience for an hour, an afternoon, or daytime visit.

# Explore Alberta

Calgary's location makes it the perfect basecamp for adventure. In fact, the province of Alberta is home to six UNESCO World Heritage Sites, four of them within a 3 hour drive from Calgary.



## The Rockies: Banff & Lake Louise

Just west of the city are the majestic Canadian Rocky Mountains. Stunningly beautiful, Banff and Lake Louise offer adventure and first-class amenities - from unparalleled skiing and hiking opportunities to delectable dining and Nordic spas.

**Approximate Distance:** 127 km/79.2 mi

## Drumheller & The Badlands

East of Calgary, the endless golden prairies suddenly drop away into a strange moonscape of striped hills and otherworldly rock formations - The Badlands. Hike through the impressive Horseshoe Canyon, explore the hoodoos, or visit Drumheller, the Dinosaur Capital of the World, and the Royal Tyrrell Museum of Paleontology.

**Approximate Distance:** 138 km/85.6 mi



## Head-Smashed-In Buffalo Jump

Head-Smashed-In Buffalo Jump Interpretive Centre is a UNESCO-designated World Heritage Site that preserves and interprets over 6,000 years of Plains Buffalo culture. Through vast landscapes, exhibits, and diverse programming, learn about the cultural significance of this cliff to the Plains People.

**Approximate Distance:** 184 km/ 114 mi

## Waterton Lakes National Park

Take a drive south of Calgary and watch the rugged, windswept mountains rise abruptly out of gentle prairie grassland in spectacular Waterton Lakes National Park. Here, several different ecological regions meet and interact in a landscape shaped by wind, fire, flooding, and abundant plants and wildlife.

**Approximate Distance:** 271 km/166 mi



# Sample Tours throughout Alberta



## Historic Stephen Avenue Walking Tour

(2 hours)

Get ready to be ushered back in time on this 2 hour tour. In 2002, Stephen Avenue was declared a National Historic Site and your guides will use it as their stage as they recreate stories from the first 60 years of the city.



## Indigenous Experience with Many Chief Tours

(2-3 hours)

Many Chief Tours is an Indigenous-owned and operated business in Calgary. Many Chief Tours offer authentic Indigenous and eco-tourism experiences in and around Calgary that showcase the rich Indigenous culture and history of the region.



## Drumheller and Canadian Badlands Tour

(10 hours)

Stop and enjoy Horseshoe Canyon, walk among the Hoodoos, and enjoy an Underground Tunnel or Tipple Tour at the Atlas Coal Mine. And of course there are the dinosaurs. Enjoy the Royal Tyrrell Museum, Canada's only museum dedicated exclusively to the science of paleontology.



## Mountain Lakes and Waterfalls Tour

(9.5 hours)

Soaring mountains, stunning lakes and breathtaking waterfalls await, this amazing full-day tour takes you to the most treasured spots in Banff and Yoho National Parks to explore the land and the stories it holds.



## Head-Smashed-In Buffalo Jump

(9.5 hours)

Located where the foothills of the Rocky Mountains meet the great plains, it is one of the world's oldest, largest, and the best-preserved buffalo jump's known to exist and a designated as a UNESCO World Heritage Site.



## Canmore Cave Explorer Tour

(4.5 hours)

What do you get when you combine a museum with an adventure park? At over 4 km long, Rat's Nest Cave is one of the longest caves in Canada and is home to 7000-year-old animal bones, pictographs, ancient caves formations, and so much more.



# Letters of Support

# The City of Calgary



NAHEED K. NENSHI

January 27<sup>th</sup>, 2021

Kristin H. Stevens  
Director of Administrative Services  
American Crystallographic Association  
IUCr 2026 Proposal Team

On behalf of my City Council colleagues and the citizens of Calgary, I want to offer my wholehearted support and thanks for your consideration of Calgary as the site for your upcoming conference.

Over the last decade, Calgary has experienced tremendous growth making us one of the most economic and culturally dynamic cities in North America. Calgary is an important destination city whether people are coming to visit, invest, and/or build a life.

The citizens of Calgary are proud that the International Union of Crystallography (IUCr) would consider Calgary as the site of its 27<sup>th</sup> Congress & General Assembly in 2026.

Calgary is home to the world-famous Greatest Outdoor Show on Earth - the Calgary Stampede – and The Economist recently named Calgary as the most livable city in North America and 5<sup>th</sup> in the world.

Calgary International Airport is the 4<sup>th</sup> busiest airport in Canada and offers direct nonstop flights from all major hubs in North America and Europe.

Most importantly, we are confident you will see how well-suited our convention facilities and hospitality sector are to hosting an event of this magnitude. Calgary is home to many fabulous hotels, restaurants, and shops, and perhaps more important, we have a citizenry that embraces hospitality.

I am confident that you will find Calgary to be an ideal location—a host city that will make your great event even greater. I look forward to welcoming you and your delegates to Calgary!

Sincerely,

A handwritten signature in black ink, appearing to read "Naheed K. Nenshi".

Naheed K. Nenshi  
MAYOR

Historic City Hall, 700 Macleod Trail South, #8069, Calgary, AB, Canada T2P 2M5  
T 403.268.5622 F 403.268.8130 E [themayor@calgary.ca](mailto:themayor@calgary.ca)

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fax 403.262.3809  
toll free 1.800.661.1678

200, 238 11 Avenue S.E.  
Calgary, Alberta, Canada T2G 0X8  
[visitcalgary.com](http://visitcalgary.com)

Kristin H. Stevens  
Director of Administrative Services  
American Crystallographic Association  
IUCr 2026 Proposal Team

January 29<sup>th</sup>, 2021

Dear Ms. Stevens,

On behalf of Tourism Calgary and our industry partners, I am delighted you are considering our fabulous city as the site for the 27<sup>th</sup> Congress & General Assembly of the International Union of Crystallography (IUCr) in 2026.

Calgary is a captivating cosmopolitan city renowned as an accomplished host destination for world-class events and conferences. A safe, clean and friendly urban center of just over a million people, Calgary is surrounded by some of the world's most extraordinary natural beauty and cultural attractions including the UNESCO World Heritage Sites of Banff National Park, Waterton Glacier International Peace Park, Head-Smashed-In Buffalo Jump, and Drumheller and the Badlands.

The stage will be set for an outstanding assembly as attendees admire the majestic Canadian Rocky Mountains during their descent into the Calgary International Airport, ranked one of the best airports in North America for overall passenger convenience. Upon landing they are welcomed by our famous White Hat volunteers and our genuine western hospitality... and this is only the beginning.

When you choose to meet in Calgary, you have access to flexible meeting and convention space as well as first-rate amenities and accommodations. An incredible assortment of attractions, pre and post adventures, dining and shopping experiences, with no provincial sales tax, will ensure you attract the attendees you need to make the 2026 Congress a resounding success.

Should Calgary be IUCr's destination of choice, our team will work closely with you and our local hospitality partners to ensure the planning and activation of your event is a memorable and positive experience. As your "partner in planning" we have the interest, ability, and enthusiasm to bring together all of the resources you need to deliver an outstanding conference.

It would be a privilege to welcome the International Union of Crystallography to Calgary and we are excited about the opportunity of working with you.

Sincerely,

A handwritten signature in black ink, appearing to read "David Woodward".

David Woodward  
Executive Director, Meetings & Conventions

---

**David Woodward**  
Executive Director

# BMO Centre at Stampede Park



January 27, 2021

Ms. Kristin H. Stevens  
Director of Administrative Services  
International Union of Crystallography  
2 Abbey Square  
Chester, ENGL CH1 2HU

**Re: 27<sup>th</sup> Congress and General Assembly of the International Union of Crystallography**

Dear Ms. Stevens:

The BMO Centre at Stampede Park would welcome the opportunity for Calgary to play host to the 27<sup>th</sup> Congress and General Assembly of the International Union of Crystallography in 2026.

The BMO Centre at Stampede Park located on the South East corner of downtown and in the heart of Calgary's emerging cultural and entertainment district. The BMO Centre is a part of the Calgary Stampede, a not-for-profit community organization that preserves and celebrates our western heritage, cultures and community spirit. The Calgary Stampede and BMO Centre have been hosting the Greatest Outdoor Show, The Calgary Stampede, for over 100 years. So clearly, we know exactly how to be the ultimate host. Additionally, in June 2025 the BMO Centre at Stampede Park will be the venue for the 25,000 delegates of the International Rotary Convention.

Opening in June of 2024 our facility will complete an expansion which make us Western Canada's largest Convention Centre. We will have Calgary's largest ballroom at 50,000 square feet, 80,000 square feet of meeting space - including a 20,000 sq. ft junior ballroom, and 350,000 square feet of contiguous exhibit space.

Also located adjacent to the BMO Centre are two very unique event venues. The Nutrient Western Event Centre, ideal for indoor rodeos or agricultural events with 20,000 sq. ft of exhibit area and seating for 2,500. The Big Four Roadhouse is a concert or corporate hosting venue with a built in 40' bar and stage and has 120,000 sq. ft of event space on two levels. The BMO Centre at Stampede Park is conveniently located on Calgary's rapid transit line

With the amazing Canadian Rockies and Banff only 45 minutes away, we are confident that Calgary would make the 27<sup>th</sup> International Union of Crystallography Congress outrageously successful, and one congress delegates would talk about for years!

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Newton".

Greg Newton  
General Manager, BMO Centre at Stampede Park

**Greg Newton**  
General Manager



## FACULTY OF SCIENCE

Office of the Dean  
B1 540, 2500 University Drive NW  
Calgary, AB, Canada T2N 1N4  
[science.ucalgary.ca](http://science.ucalgary.ca)

January 29, 2021

Kristin H. Stevens  
Executive Director  
American Crystallographic Association  
700 Ellicott Street  
Buffalo, New York, United States  
14203

Dear Ms. Stevens:

**RE: Support for the Calgary Bid to host the 2026 IUCr Congress and General Assembly**

The Faculty of Science at the University of Calgary understands that Calgary is submitting a bid to host the Twenty-Seventh Congress and General Assembly of the International Union of Crystallography (IUCr) in 2026. This is an exciting opportunity for the city, the University of Calgary, and the Faculty of Science.

The Faculty of Science has over 5,000 undergraduate students, 762 graduate students, 117 postdoctoral scholars, 234 faculty members and 244 administrative and technical staff members across 18 undergraduate degree programs through six departments and three multidisciplinary programs. The Faculty offers multiple opportunities for undergraduate students to engage with research – through programs such as the Program for Undergraduate Research Experience (PURE) and NSERC Undergraduate Student Research Awards, which provide funding for summer research experiences, or the IDEAS Fund, which provides financial support to undergraduate science students to engage in innovation, leadership, educational, and professional development activities that are meaningful to them. Hosting this Congress is a wonderful opportunity to build excitement among undergraduate students for research in crystallography.

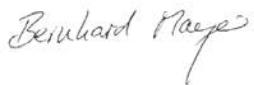
Crystallographers and related structural scientists are housed in three departments within our Faculty. Based in Chemistry, Assoc. Prof. Michelle Dolgos uses crystallography to characterize new materials designed for electronics and clean energy applications. Her teaching contributions include a graduate-level course, Crystallography and X-ray Diffraction. Prof. Farideh Jalilehvand uses spectroscopic techniques including extended X-ray absorption fine structure (EXAFS) to characterize heavy metal complexes. She serves as a Consultant on the IUCr Commission on XAFS. Dr. Ben Gelfand is the service crystallographer in Chemistry, providing crystal structures that support the research programs of a number of our synthetic chemists. In Geoscience, Assoc. Prof. Sytle Antao is a mineralogist who uses both neutron and synchrotron facilities to study materials. She teaches mineralogy in two undergraduate courses and Modern Diffraction and Scattering Techniques at the graduate level. In Biological Sciences, Prof. Marie Fraser is a structural biologist who uses X-ray crystallography to investigate enzyme mechanisms. She teaches macromolecular crystallography to undergraduates in our Structural Biology course.

**Dr. Bernhard Mayer**  
Interim Dean  
Faculty of Science

Crystallography and its applications support three of the Faculty's "Grand Challenges" - *Understanding Earth's Evolving Systems, Energy in Transition and Personalized Health at the Molecular Level*. These challenges align with the University of Calgary's Strategic Research Plan, address current and future societal needs, engage our communities, and create opportunities for international prominence. Hosting the International Union of Crystallography Congress and General Assembly in Calgary in 2026 provides an excellent opportunity for our faculty and students to interact with and learn from the international crystallographic community.

Therefore, it is with great pleasure and enthusiasm that I wholeheartedly support this bid to host the 2026 IUCr Congress and General Assembly in Calgary and hope for a favourable evaluation of this application.

Yours sincerely,



Dr. Bernhard Mayer  
Interim Dean, Faculty of Science

**Dr. Bernhard Mayer**  
Interim Dean  
Faculty of Science



## FACULTY OF SCIENCE

Department of Chemistry  
2500 University Drive NW  
Calgary, AB, Canada T2N 1N4  
[ucalgary.ca](http://ucalgary.ca)

January 22, 2021

Professor D. R. Rose  
President  
American Crystallographic Association  
Department of Biology  
University of Waterloo  
Waterloo, ON N2L 3G1

Dear Professor Rose:

### **Support for the Calgary Bid to Host the General Assembly and Congress of the International Union of Crystallography 2026**

The X-ray Diffraction Facility at the University of Calgary understands that Calgary is being considered as the host city for the General Assembly and Congress of the International Union of Crystallography 2026. This is exciting news and I write to you to express strong support for this bid.

Having the 2026 Congress in Calgary provides an excellent opportunity for our facilities and university to interact with a wide range of experts in the field, allowing the university to further its *Eyes High* strategy to become a top research university in Canada. This is an exciting opportunity for attendees – both locally and abroad – to develop partnerships and collaborations with nearby universities and companies that frequently employ crystallographic techniques in both production and service capacities.

We look forward to hosting the 2026 Congress and for the opportunity for our scientists, from a wide range of disciplines and institutions, to meet and interact with the exceptional attendees.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Gelfand".

**Benjamin Gelfand, PhD**  
X-Ray Crystallographer  
University of Calgary

**Benjamin Gelfand, PhD**  
X-Ray Crystallographer  
Department of Chemistry  
Faculty of Science



## UNIVERSITY OF ALBERTA

January 8, 2021

Jennifer Beatty  
Director of Business Development  
Calgary, AB

Dear Jennifer:

### RE: Support for the Calgary Bid to host the 2026 IUCr meeting

I am pleased to offer my strongest support for the national bid by the City of Calgary to host the 2026 International Union of Crystallography meeting.

As a Professor of Chemistry in the Department of Chemistry at the University of Alberta, I have worked in the area of crystallography and solid state chemistry for my entire academic career, and have helped trained many scientists who have become leaders in crystallography themselves. These include Meitian Wang (a group leader at the Paul Scherer Institut in Switzerland), Michael Ferguson (the head of the X-ray crystallography laboratory in our department at U of A), and Xinsong Lin (staff crystallographer at Florida State University), as well as many others who are now in private industry. I have previously served as an editor for Acta Crystallographica Section E, and have participated in several Canadian Chemical Crystallography Workshops organized by the Canadian National Committee for Crystallography. My involvement in crystallography thus runs long and deep.

Given the proximity to Calgary, I expect that many researchers at the University of Alberta will be excited to participate and attend the IUCr meeting. These would include groups within the Faculties of Science, Engineering, and Medicine, all of which have many active and keen researchers in both small-molecule and protein crystallography, in both fundamental and applied research. We would be delighted to make use of the opportunity to interact with our international colleagues, and showcase the breadth of crystallographic research being conducted, not only within Alberta but throughout Canada. For example, I expect that researchers at the synchrotron facility at the Canadian Light Source in Saskatoon will also be excited to participate in this meeting.

I look forward to cooperating with my colleagues to help in any way to organize this meeting.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Arthur Mar".

Arthur Mar  
Professor of Chemistry

## Department of Chemistry

E4-40 Chemistry Building • University of Alberta • Edmonton • AB • Canada • T6G 2G2  
Telephone: (780) 492-5592 • Fax: (780) 492-8231  
E-mail: arthur.mar@ualberta.ca

Arthur Mar  
Professor, Chemistry  
Department of Chemistry



Faculty of  
Medicine and  
Health Sciences

School of  
Biomedical  
Sciences

T. Martin Schmeing, Ph.D.  
Professor, Department of Biochemistry  
Director, CRBS

Francesco Bellini Life Sciences Building  
3649 Promenade Sir William Osler, Room 465  
Montreal, Quebec, Canada H3G 0B1

Tel.: 1 (514) 398-2331  
Email: martin.schmeing@mcgill.ca

June 1<sup>st</sup>, 2021

Professor S. Lidin  
IUCr Executive Committee President  
Division of Polymer & Materials Chemistry  
Lund University, Box 124  
SE-221 00 Lund, Sweden

Dear Professor Lidin,

I am writing as the Director of the Centre de recherche en biologie structurale (CRBS) to enthusiastically support the proposal to host the 2026 IUCr Congress and General Assembly in Calgary. The CRBS is a McGill University centre funded by the Fonds de Recherche du Québec (Santé) dedicated to facilitating cutting-edge research in structural biology and biophysics. Work at the CRBS aims to provide key insight into the molecular mechanisms driving health and disease. The centre builds upon sustained investments from McGill University and the Canadian Foundation for Innovation that have brought state-of-the-art equipment for X-ray crystallography, cryo-electron microscopy, and nuclear magnetic resonance to McGill.

Dr. Albert Berghuis (CRBS, McGill University) and Dr. Myrek Cygler (University of Saskatoon) co-chaired the very successful 2014 IUCr Congress and General Assembly in Montreal. Several members of the CRBS were involved in the organization. The 2014 Congress had an exciting scientific program and brought 2,425 participants from 67 different countries to Montreal. The local structural biology community has fond memories of that congress, and we look forward to bringing it back to Canada in 2026. Having the meeting in Canada will provide our trainees a unique opportunity to interact with leaders in their fields and fuel their enthusiasm for crystallography research. I should note that Alberta is the cradle of the protein crystallography community in Canada, and, therefore, it is fitting to host the congress in Calgary.

We hope for a favourable evaluation of this proposal and look forward to seeing all our colleagues in Calgary in 2026.

Yours sincerely,

A handwritten signature in blue ink that reads "Martin Schmeing".

T. Martin Schmeing, Ph.D.  
Director, Centre de recherche en biologie structurale

**T. Martin Schmeing, Ph.D.**  
Director, Centre de  
recherche en biologie  
structurale (CRBS)

# Canadian Light Source



Canadian Light Source  
Centre canadien de rayonnement synchrotron

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P (306) 657-3500 F (306) 657-3535

June 3, 2021

Professor Sven Lidin  
IUCr Executive Committee President  
Division of Polymer & Materials Chemistry,  
Lund University, Box 124, Lund,  
SE-221 00 Lund, Sweden

Dear Professor Lidin,

The Canadian Light Source (CLS) is a premier National research facility in Canada for structural biology, crystallography, diffraction and scattering. Dr. Fodje, the current secretary of the National Committee for Crystallography is based here.

The CLS therefore enthusiastically supports the Canadian National Committee for Crystallography's bid to host the International Union of Crystallography (IUCr) Congress in Calgary Alberta, Canada in 2026.

Regards,

A handwritten signature in black ink that reads "R. Lamb".

Prof. Robert Lamb

Chief Executive Officer

**Prof. Robert Lamb**  
Chief Executive Officer

## PROTO

X-RAY DIFFRACTION  
SYSTEMS & SERVICES

June 4<sup>th</sup>, 2021

Professor S.Lidin,  
IUCr Executive Committee President  
Division of Polymer & Materials Chemistry,  
Lund University, Box 124, Lund,  
SE-221 00 Lund, Sweden

**Re: Support for the Calgary Bid to host the General Assembly and Congress of the International Union of Crystallography 2026.**

Dear Professor Lidin,

The Canadian National Committee for Crystallography (CNCC) has informed PROTO Mfg. Ltd. that Calgary is being considered as the host city for the General Assembly and Congress of the International Union of Crystallography 2026. This is very exciting news, and I am writing to you to express our strong support for the Canadian bid.

PROTO Manufacturing Ltd. (PROTO) is a Canadian based company that manufactures X-ray diffraction (XRD) instrumentation and provides XRD laboratory services to companies around the globe. PROTO started servicing local companies 37 years ago in Windsor, Ontario and now currently provides XRD solutions to various industries around the world, including automotive, aerospace, power generation, marine, military, mining, petrochemical, pharmaceutical, research laboratories, and universities. PROTO has a uniquely qualified team of engineers, scientists, and technicians within Canada while also having a global reach with a U.S. office in Taylor, Michigan, and partner companies with sales and service laboratories in Brazil, India, China, Poland, U.K., and Japan.

Considering crystallography is at the core of all materials X-ray diffraction measurements having the General Assembly and Congress come to Calgary would be a significant benefit to PROTO and the entire Canadian scientific community interested in crystalline materials. We are very excited at the prospect of the new connections and collaborations that could result from the international crystallographic community coming to Canada. Bringing together researchers from both academia, industry, and government facilities during this Congress will certainly create an environment which fosters innovation and the sharing of ideas which can have a significant global impact.

We are also very confident that holding the Congress in Calgary will be an excellent experience for all attendees as it is extremely well suited for meetings of this size and offers state-of-the-art infrastructure and facilities. We look forward to the opportunity for our scientists and employees to participate in the meeting and interact with the outstanding researchers who will be contributing to the Congress in 2026.

Sincerely,



Robert Drake  
Director of Sales, Marketing, and New Product Development  
PROTO Manufacturing Ltd.  
Email: [rdrake@protoxrd.com](mailto:rdrake@protoxrd.com) Tel: 1-519-737-6330 ext. 211

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6150 Morton Industrial Parkway, LaSalle, Ontario, Canada N9J 3W3  
Phone: 1-519-737-6330 Email: [info@protoxrd.com](mailto:info@protoxrd.com) Web: [www.protoxrd.com](http://www.protoxrd.com)

**Robert Drake**  
Director of Sales,  
Marketing, and New  
Product Development

# Rigaku Corporation



June 3, 2021

Kristin H. Stevens  
Executive Director  
American Crystallographic Association, Inc.  
700 Ellicott Street  
Buffalo, NY 14203

Rigaku Americas Corporation  
Joseph D. Ferrara, PhD.  
Rigaku Americas Corp.  
Chief Science Officer and  
Deputy Director X-ray Research Laboratory  
Vice-Chair, US National Committee for Crystallography  
Treasurer, Council of Scientific Society Presidents

9009 New Trails Drive  
The Woodlands, Texas 77381, USA  
TEL 281-362-2300  
FAX 281-364-3628  
Joseph.Ferrara@Rigaku.com

Dear Ms. Stevens,

Rigaku Corporation is pleased to support the bid by the City of Calgary, the American Crystallographic Association (ACA), the United States National Committee for Crystallography (USNC/Cr), and the Canadian National Committee for Crystallography (CNCC) for the International Unions of Crystallography's 2026 Congress in Calgary, Alberta, Canada.

Rigaku has been an exhibitor and sponsor of the IUCr Congresses for decades. Rigaku was the Platinum Sponsor for the 2017 Congress in Hyderabad, India, and is the Platinum Sponsor for the delayed 2021 meeting being held in August 2021 in Prague, Czechia. We look forward to the Congress returning to North America in 2026.

Our employees are active participants in crystallographic societies throughout the world, both advancing structural science and as volunteers helping their communities. Rigaku supports these efforts and will provide support for the 2026 Congress.

Sincerely,



Joseph D. Ferrara, Ph.D.

[www.Rigaku.com](http://www.Rigaku.com)

**Joseph D. Ferrara, Ph.D.**  
Chief Science Officer and  
Deputy Director, X-Ray  
Research Laboratory



A large, abstract graphic at the top of the page consists of several overlapping, rounded, organic shapes in a bright red color. These shapes overlap each other in various ways, creating a sense of depth and movement against a lighter red background.

# tourism **calgary**

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**toll free** 1.800.661.1678  
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