

Pacific Rim Mathematical Association Congress 2022



The 2022 Pacific Rim Mathematical Association Congress will take place in Vancouver, Canada, between December 4–9, 2022. The fourth meeting will be hosted by the Pacific Institute for the Mathematical Sciences (PIMS).

Every four years, mathematical scientists from around the Pacific Rim converge to discuss the latest developments in Mathematics. The Pacific Rim Mathematical Association (PRIMA) was established to bring a well coordinated and concerted effort among our institutions and countries to stimulate a vibrant and interconnected mathematical community whose activities have an unprecedented impact on our economic, social, and cultural development.

Invited Plenary and Public Speakers

Caroline Colijn, Simon Fraser University
Isabel Hubard, Universidad Nacional
Autónoma de México
Minhyong Kim, University of Warwick
Kathryn Mann, Cornell University

Ciprian Manolescu, Stanford University
Andres Navas, Universidad de
Santiago de Chile
Narutaka Ozawa, Kyoto University

Sylvia Serfaty, New York University
Katherine Stange, University of Colorado
Tatiana Toro, University of Washington
Yang Wang, The Hong-Kong University of
Science and Technology

Scientific Sessions

Algebraic Number Theory and
Arithmetic Geometry
Arithmetic Geometry:
Theory and Computation
Enumerative Algebraic Geometry
Geometric Analysis
Geometric Group Theory

Graph Theory and Combinatorics
Harmonic Functions and Laplace
Eigenfunctions
Hyperbolic and Parabolic Dynamics
Indigenous Mathematicians
Mathematics of Infectious
Disease Modelling

Mathematics of Information
Moduli Spaces in Algebraic Geometry
New Trends in Geometry and
Mathematical Physics
Optimal Transport and Applications
Representation Theory and Applications

Scientific Committee

Jayadev S. Athreya, University of
Washington, PIMS
Koji Fujiwara, Kyoto University
Seonhee Lim, Seoul National University
Rafe Mazzeo, Stanford University

Paul Norbury, University of Melbourne
Rita Jiménez Rolland, Universidad Nacional
Autónoma de México
Romyar Sharifi, University of California,
Los Angeles

Ruth Situma, PIMS
JunWu Tu, ShanghaiTech University
Bobby Wilson, University of Washington
Özgür Yilmaz, University of British
Columbia, PIMS