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Laurier hosts top international math conference

WATERLOO – Wilfrid Laurier University is hosting a prestigious international math conference that will bring together many of the world’s leading thinkers in mathematical, statistical, and computational sciences.

The 2015 AMMCS-CAIMS conference series will take place June 7 to 12 at the Bricker Academic Building on Laurier’s Waterloo campus.

This interdisciplinary conference series combines the Applied Mathematics, Modeling and Computational Science (AMMCS) and Canadian Applied and Industrial Mathematics Society (CAIMS) meetings at the same location. The AMMCS Conference Series promotes interdisciplinary research and collaboration involving mathematical, statistical and computational sciences within a larger international community. The CAIMS is a member society of the International Council for Industrial and Applied Mathematics, and has a growing presence in industrial, mathematical, scientific and technological circles in Canada and internationally.

“The conference is a testament to Laurier’s expertise in mathematical, statistical, and computational sciences,” said Laurier Mathematics Professor Roderick Melnik, a Canada Research Chair in Mathematical Modelling and co-organizer of the event. “There are many exciting sessions that we know scientists and the community at large will find interesting.”

The AMMCS-CAIMS Congress provides a unique opportunity for in-depth technical discussions and exchange of ideas in all areas involving mathematical and computational sciences, modeling and simulation, as well as their applications in natural and social sciences, engineering and technology, industry and finance. It offers researchers, industrialists, engineers and students the chance to present their latest research, to interact with experts in the field, and to foster interdisciplinary collaborations required to meet the challenges of modern science, technology, and society.

Among the many scientists and mathematicians attending are experts from Zurich, Bath, Milan, and various institutes in Canada and the United States.

Approximately 30 sessions and mini-symposia will cover topics such as computational physics, fractional calculus, game theory, mathematical neuroscience, and statistical equilibrium in economics. There will also be 12 one-hour talks by distinguished scientists and mathematicians.

For more information, visit <http://www.ammcs-caims2015.wlu.ca/>