

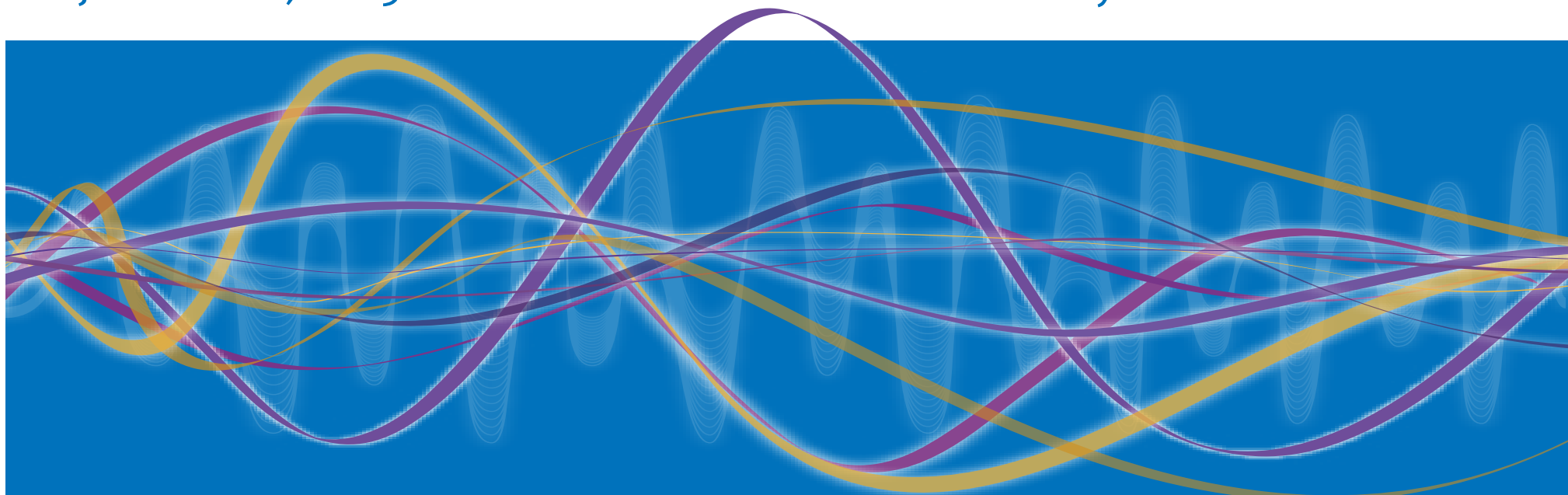
Pacific Institute *for the*
Mathematical Sciences

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Western International Workshop on Harmonic Analysis and PDE

June 10-12, 2015

The University of British Columbia



The purpose of this workshop is to promote the communication and interaction, mainly on the western part of the continent, of researchers at all levels in the area of Harmonic Analysis, Partial Differential Equations, and Geometric Measure Theory. While these are three distinct areas within mathematics with vibrant research communities, they also share a lot of overlap that has contributed to and shaped the evolution of these fields. Tools from harmonic analysis have been used with great success to address problems in PDE-s and geometric measure theory and their applications. Differential and measure-theoretic questions, in turn, have given rise to interesting and outstanding analytical problems, resulting in the development of extremely sophisticated machinery and emerging connections with many other areas such as additive combinatorics and number theory. Western Canada is the home of many experts in these areas. What is missing is an interactive network and an ongoing dialogue between the researchers of these diverse yet closely related fields.

TENTATIVE LIST OF SPEAKERS

Arpad Benyi, Western Washington University
John Garnett, University of California Los Angeles
Mike Kouritzin, University of Alberta
Izabella Laba, University of British Columbia
Michael Lamoureux, University of Calgary
Diego Maldonado, Kansas State University

Donald Marshall, University of Washington
Virginia Naibo, Kansas State University
Eric Sawyer, McMaster University
Deniz Sezer, University of Calgary
Hart Smith, University of Washington
Ralf Wittenberg, Simon Fraser University

ORGANIZERS: Cristian Rios, University of Calgary; Malabika Pramanik, University of British Columbia;
Tatiana Toro, University of Washington

Registration is now open for graduate students, postdoctoral fellows, and faculty.

WEBSITE: www.pims.math.ca/scientific-event/150610-wiwhap