

**Submittee:** Elena Braverman  
**Date Submitted:** 2013-09-16 15:08  
**Title:** Applied Harmonic Analysis Conference  
**Event Type:** Conference-Workshop

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**Location:**  
University of Calgary

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**Dates:**  
August 26 - 30, 2013

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**Topic:**  
Applied and computational harmonic analysis

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**Methodology:**  
Lectures and informal discussions

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**Objectives Achieved:**

The main objectives of the conference were: 1) to report progress following the two academic years of CRG operation (for CRG faculty members, graduate students and postdoctoral fellows); 2) training graduate students and PDFs associated with CRG; 3) to discuss and state achievable goals for the last year of CRG funding; 4) bringing results and share ideas with broader mathematical community in the area. These objectives were achieved: 1) All CRG members and their students/PDFs had an opportunity to present the results of their research. 2) More than 50% of conference participants were PDFs, graduate or undergraduate students. The conference provided valuable experience to the junior participants and exposed them to cutting edge research directions in the field. 3) Some directions for future research were discussed. 4) In spite of the small size of the conference, there were participants from 4 countries, both Europe and Asia. There was also significant interest to the conference at the University of Calgary.

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**Scientific Highlights:**

Please see the BIRS scientific report which is relevant for the conference in Calgary as well.

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**Organizers:**

Elena Braverman (University of Calgary) /// Bin Han (University of Alberta)

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**Speakers:**

The full list of conference participants is: Enrico Au-Yeung (University of British Columbia, PDF) ///

Elena Braverman (University of Calgary, faculty member) /// Almaz Butaev (Concordia University, graduate student) /// Yi Chang (University of Alberta, graduate student) /// Jian Deng (University of Alberta, PDF) /// Tom Duchamp (University of Washington, faculty member) /// Hartmut Fuhr (Rheinisch-Westfaelische Technische Hochschule Aachen, faculty member) /// Navid Ghadermarzi (University of British Columbia, graduate student) /// Bin Han (University of Alberta, faculty member) /// Rong-Qing Jia (University of Alberta, faculty member) /// Chun-Kit Lai (McMaster University, PDF) /// Michael Lamoureux (University of Calgary, faculty member) /// Joshua MacArthur (Dalhousie University, graduate student) /// Kateryna Melnykova (University of British Columbia, graduate student) /// Yi Shen (University of Alberta, University of Calgary, PDF) /// Qiyu Sun (University of Central Florida, faculty member) /// Kun Wang (University of Alberta, PDF) /// Kunrui Wang (Fudan University, China, and U of C, undergraduate MITACS Globalink student) /// Ozgur Yilmaz (University of British Columbia, faculty member) /// Thomas Yu (Drexel University, faculty member) /// Yile Zhang (University of Alberta, graduate student) /// Zhenpeng Zhao (University of Alberta, graduate student) /// Xiaosheng Zhuang (City University of Hong Kong, faculty member) /// /// The list of local participants (not officially registered): Mohammed Aiffa (U of C, faculty member) /// Md. Kamrujjaman (U of C, PhD student) /// Peter Lancaster (U of C, Professor Emeritus) /// Wenyuan Liao (U of C, faculty member) /// Kris Vasudevan (U of C, Adjunct Faculty) /// Vladimir Zubov (U of C, PDF) ///

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**Links:**

<http://www.pims.math.ca/scientific-event/130826-ahac>

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**Comments / Miscellaneous:**

The conference was followed by a 2-days workshop at Banff International Research Station

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**File Uploads:**

Additional Upload 1: [http://www.pims.math.ca/files/final\\_report/schedule\\_conf.pdf](http://www.pims.math.ca/files/final_report/schedule_conf.pdf)

Additional Upload 2: [http://www.pims.math.ca/files/final\\_report/titles\\_abstracts\\_conf.pdf](http://www.pims.math.ca/files/final_report/titles_abstracts_conf.pdf)

Additional Upload 3: [http://www.pims.math.ca/files/final\\_report/birs-13w2187.pdf](http://www.pims.math.ca/files/final_report/birs-13w2187.pdf)

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