Pacific Institute for the Mathematical Sciences

2020 PIMS - GERMANY SUMMER SCHOOL ON
EIGENVARIETIES

The University of British Columbia
July 27 - August 8, 2020

The subject of eigencurves lies somewhere between classical arithmetic geometry represented in Canada, and p-adic geometry which is well-represented in Germany, and this we propose to take advantage of the complementary expertise and the broad outlines of a PIMS/Germany collaboration to organize an event where both sides can benefit. Thus, the proposed workshop on eigenvarieties will be an instructional school for students, postdocs, and researchers in other elds. The goal is to provide beginners with a working knowledge of this immensely active and important field, and to encourage collaborations between German researchers and those at PIMS Institutes around the general workshop themes.

The goal of the course will be to understand the foundational work of Coleman, and Coleman-Mazur, and eventually to study the paper on the generalization to the higher dimensional case given by Buzzard.

Invited speakers

John Bergdall, Bryn Mawr College, USA
George Boxer, University of Chicago, USA
David Hansen, Max Planck Institute, Germany
Eugen Hellman, University of Münster, Germany
Christian Johansson, Chalmers Institute of Technology, Sweden
Judith Ludwig, University of Heidelberg, Germany
James Newton, King's College, England
Vincent Pilloni, Ecole Normale Supérieure de Lyon, France

Organizers

Sujatha Ramdorai, UBC
Peter Schneider, University of Münster
Vinayak Vatsal, UBC
Otmar Venjakob, University of Heidelberg
Vincent Pilloni, ENS de Lyon, France

More Info:
To register for this event, please send an application to eigenvalues@pims.math.ca.
Funding opportunities are available for junior participants. See the website for more details.

REGISTER HERE: HTTPS://WWW.PIMS.MATH.CA/SCIENTIFIC-EVENT/200727-PGSSE