

# 2020 PIMS - GERMANY SUMMER SCHOOL ON EIGENVARIETIES

University of British Columbia - Vancouver  
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 fields. 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:

Christopher Birbeck, University College London  
David Hansen, Max Planck Institute  
Eugen Hellman, University of Münster  
Ben Heuer, University of Bonn  
Christian Johansson, Chalmers Institute of Technology  
Judith Ludwig, University of Heidelberg  
James Newton, King's College  
Giovanni Rosso, Concordia

## Organizers

Sujatha Ramdorai, UBC  
Peter Schneider, Univ. of Münster  
Vinayak Vatsal, UBC  
Otmar Venjakob, Univ. of Heidelberg

For more information please visit

<https://www.pims.math.ca/scientific-event/200727-pgsse>



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