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 Bonne
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