

# Summer School in Explicit Methods for Abelian Varieties

16-18, June 2016  
The University of Calgary

Abelian varieties are fundamental objects of study in algebraic geometry, an indispensable tool in number theory, and a crucial source of practical settings for modern cryptography and coding theory. At this summer school, world renowned experts will provide training through lectures and mentored group work, introducing participants to the topic and preparing them for research in the area.

The summer school is sponsored by the PIMS Collaborative Research Group on Abelian Varieties and immediately precedes CNTA XIV, the 14th Canadian Number Theory Association conference, held June 20-24, 2016, at the University of Calgary: [www.ucalgary.ca/cnta2016](http://www.ucalgary.ca/cnta2016)

## SPEAKERS:

Jennifer Balakrishnan (University of Oxford)  
Lassina Dembélé (University of Warwick)  
Jan Steffen Müller (University of Oldenburg)  
Rachel Pries (Colorado State University)

## ORGANIZERS:

Mark Bauer (University of Calgary)  
Michael John Jacobson, Jr. (University of Calgary)  
Renate Scheidler (University of Calgary)

## WEBSITE:

[www.pims.math.ca/scientific-event/160616-ssemav](http://www.pims.math.ca/scientific-event/160616-ssemav)