

National Centre for Mathematics

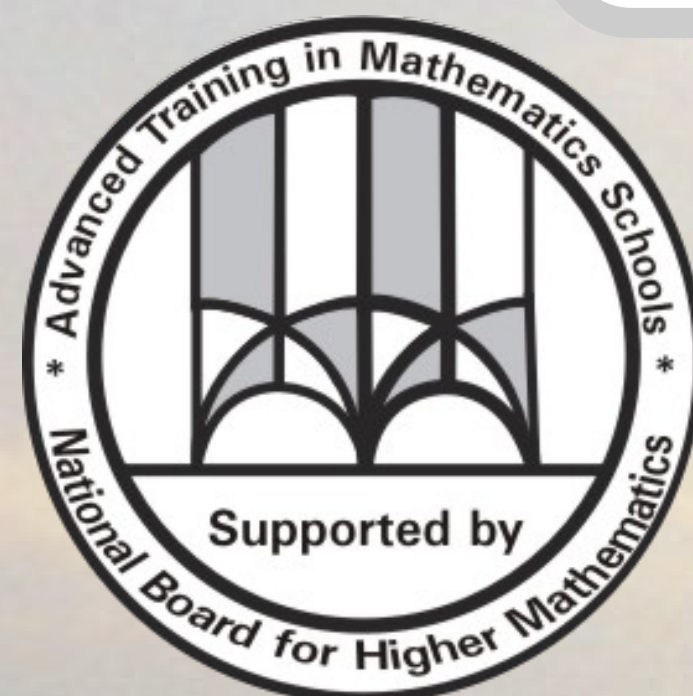
www.ncmath.org

(A joint centre of TIFR and IIT Bombay)

Advanced Training in Mathematics Schools

www.atmschools.org

Supported by National Board for Higher Mathematics



ATM Workshop on Computational Algebraic Geometry

Venue: Indian Institute of Space Science and Technology, Trivandrum

9-13 February 2014



ADVANCED TRAINING IN MATHEMATICS SCHOOLS

Advanced Training in Mathematics (ATM) Schools are a joint effort of a large number of Mathematicians across the country, with support from the National Centre for Mathematics. The programmes are conducted in reputed mathematics departments in Summer and Winter every year. In these Schools, the emphasis will be on problem solving and on highlighting interrelations of basic areas in mathematics. There are four types of schools. Among these, the ATM Workshops are intended mainly for advanced research scholars (Ph.D. students), post-doctoral researchers and young faculty. Applications are now invited for participation in this ATM Workshop on Computational Algebraic Geometry.

TOPICS OF THE WORKSHOP

Equivariant coherent sheaf cohomology
Intersection theory
Resolution of singularities

ELIGIBILITY FOR PARTICIPATION

Applications are invited from research scholars and researchers working in commutative algebra and algebraic geometry. Preference will be given to senior Ph.D. students who have attended Advanced Instructional Schools or ATM Workshops in these areas, and to post doctoral researchers and interested faculty who are carrying out research in these areas.

HOW TO APPLY

Online application form and other information about the programme are available on the following website:

<http://www.atmschools.org/2014/atmw/cag>

Last date for submission of online application form is
November 15, 2013.

List of selected candidates will be publishes on
November 25, 2013
on the above mentioned website.

ORGANIZERS

Wolfram Decker, University of Kaiserslautern, Germany.
Ravi A. Rao, School of Mathematics, TIFR, India.

LOCAL ORGANIZER

Prosenjit Das, Indian Institute of Space Science and Technology, India.

RESOURCE PERSONS

Mohamed Barakat, University of Kaiserslautern, Germany.
Wolfram Decker, University of Kaiserslautern, Germany.
Gerhard Pfister, University of Kaiserslautern, Germany.