

# The Second International Conference on Mathematics and Statistics

## AUS-ICMS '15

April 2 – 5, 2015

### Second Announcement

#### AUS-ICMS '15



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American Mathematical Society (AMS)  
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 American University of Sharjah

Organized by

#### The Department of Mathematics & Statistics

American University of Sharjah

In Cooperation With

#### The American Mathematical Society –AMS

The main objective of the conference is to offer a forum for researchers and scientists working in all fields of mathematics and statistics from both academia and industry to come together, exchange research ideas and discuss recent developments in mathematical research. The conference promotes interaction between AUS faculty and other researchers from the region and worldwide.

The conference will be held at the American University of Sharjah campus.

Topics to be covered include, but are not limited to:

- Algebra
- Analysis
- Applied Mathematics
- Statistics
- Differential Equations
- Discrete Mathematics
- Financial Mathematics
- Mathematics Education
- Number Theory
- Numerical Analysis
- Probability Theory
- Machine Learning and Data Mining
- Mathematical Biology
- Topology and Geometry

Three keynote lectures delivered by:

- *Prof. Gunnar Carlsson*, Stanford University, USA
- *Prof. Samad Hedayat*, University of Illinois at Chicago, USA
- *Prof. Edriss Titi*, Texas A&M University, USA

The conference program will include special sessions in the following areas:

- Algebras and coalgebras
- Commutative algebra and its applications
- Designs, codes and graphs
- Machine learning and data mining
- Mathematical applications in biology and medicine
- Topology

Selected papers presented at the conference will be published in a special issue of carefully selected internationally refereed journal. Special sessions may consider publishing journal proceedings.

Abstract Submission Deadline ..... December 15, 2014  
 Notification of Acceptance ..... January 15, 2015  
 Registration Deadline ..... February 15, 2015  
 Late Registration Deadline ..... March 2, 2015

For further information please visit the conference website at <http://www.aus.edu/ICMS15>  
 or contact the conference organizers at: [aus-icms@aus.edu](mailto:aus-icms@aus.edu)