

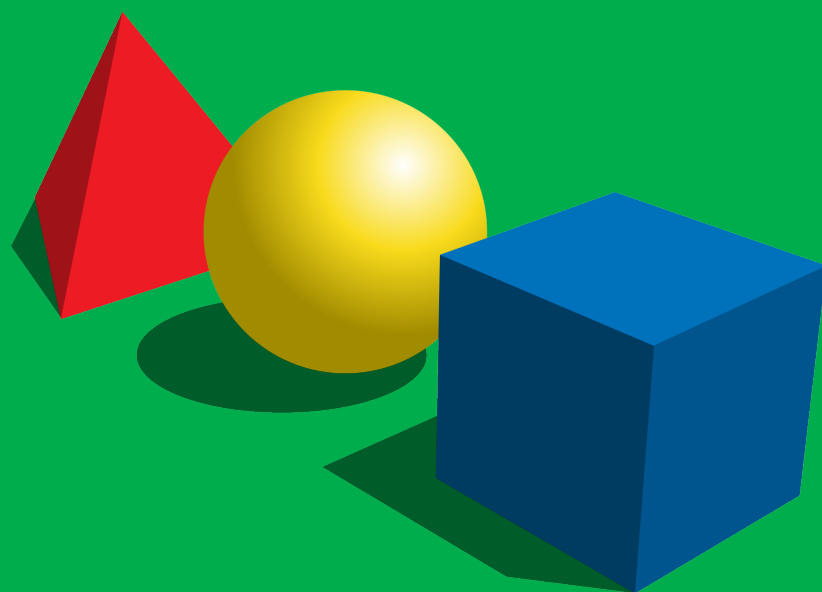


THE FIELDS INSTITUTE

# Geometric Topological and Graphical Model Methods in Statistics

May 22 – 23, 2014 • Fields Institute

Massive, high-dimensional data sets, for which traditional methods are inadequate, pose challenges in processing, interpretation and analyses. These challenges have led to increased innovations in scale and complexity of data where a fusion of various approaches is required. The purpose of this workshop is to bring together research directions using geometric, topological and graphical model methods with applications to subjects such as bioinformatics, genetics and neurosciences, to name a few.



## SPEAKERS

Syed Ejaz Ahmed (Brock)  
Emanuel Ben-David (Columbia)  
Joseph Beyene (McMaster)  
Peter Bubenik (Cleveland)  
David Dunson (Duke)  
Subhashis Ghosal (NCSU)  
Elizabeth Gross (NCSU)  
Giseon Heo (Alberta)

Stephan Huckemann (Goettingen)  
Georges Michailidis (Michigan)  
Washington Mio (FSU)  
Thanh Mai Pham Ngoc (Paris)  
Sayan Murherjee (Duke)  
Victor Patrangenaru (FSU)  
Bala Rajaratnam (Stanford)  
Elena Villa (Milano)

## ORGANIZERS

Peter Kim (Guelph), Hélène Massam (York), Ezra Miller (Duke)

PHOTO CREDIT: MYSID, ELISABETHD

For more information and to register, please visit:

[www.fields.utoronto.ca/programs/scientific/13-14/modelmethods](http://www.fields.utoronto.ca/programs/scientific/13-14/modelmethods)



THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

222 College Street, Second Floor, Toronto, Ontario, M5T 3J1 • [www.fields.utoronto.ca](http://www.fields.utoronto.ca) • 416-348-9710