SESSION 9 (16:50-18:10)
A New Approach to the Sensitivity Conjecture
Justin Gilmer; Michal Koucký; Michael Saks

Standard Simplices and Plurals are Not the Most Noise Stable
Steven Heilman; Elchanan Mossel; Joe Neeman

Communication with Imperfectly Shared Randomness
Clement Louis Canonne; Venkatesan Guruswami; Raghu Meka; Madhu Sudan

20:00 Dinner at Casis restaurant

TUESDAY January 13th 2015

SESSION 10 (9:00-10:45)
The Circuit-Input Game, Natural Proofs, and Testing Circuits With Data
Brynmor Chapman; Ryan Williams

Separation between Estimation and Approximation
Uriel Feige; Shlomo Jozeph

Deterministic Extractors for Additive Sources
Abhishek Bhowmick; Ariel Gabizon; Thai Hoang Le; David Zuckerman

It’ll probably work out: improved list-decoding through random operations
Atri Rudra; Mary Wootters

SESSION 11 (11:10-12:55)
Verifiably Truthful Mechanisms
Simina Brânzei; Ariel D. Procaccia

Mechanism Design with Strategic Mediators
Moshe Babaioff; Moran Feldman; Moshe Tennenholtz

Accuracy for Sale: Aggregating Data with a Variance Constraint
Rachel Cummings; Katrina Ligett; Aaron Roth; Zhiwei Steven Wu; Juba Ziani

Better Outcomes from More Rationality
Jing Chen; Silvio Micali; Rafael Pass

SESSION 12 (14:15-16:00)
Direct Sum Testing
Roee David; Irit Dinur; Elazar Goldenberg; Guy Kindler; Igor Shinkar

On Sample-Based Testers
Oded Goldreich; Dana Ron

Ip Testing and Learning of Discrete Distributions
Bo Waggoner

Sunflowers and Testing Triangle-Freeness of Functions
Ishay Haviv; Ning Xie

SESSION 13 (16:25-17:45)
Sketching Cuts in Graphs and Hypergraphs
Dmitry Kogan; Robert Krauthgamer

Very sparse additive spanners and emulators
Greg Bodwin; Virginia Vassilevska Williams

Any monotone property of $k$-uniform hypergraphs is weakly evasive
Timothy J. F. Black
SUNDAY January 11th 2015

SESSION 1 (9:00-10:45)
Interactive Coding for Multiparty Protocols
Abhishek Jain; Yael Tauman Kalai; Allison Lewko
Maximal Noise in Interactive Communication over Erasure Channels and Channels with Feedback
Klim Efremenko; Ran Gelles; Bernhard Haeupler
Simulating Noisy Channel Interaction
Mark Braverman; Jieming Mao
Deterministic Rateless Codes for BSC
Benny Applebaum; Liron David; Guy Even

10:45  COFFEE

SESSION 2 (11:10-12:55)
Homophily and the Glass Ceiling Effect in Social Networks
Chen Avin; Barbara Keller; Zvi Lotker; Claire Mathieu; David Peleg; Yvonne-Anne Pignolet
Dynamic Models of Reputation and Competition in Job-Market Matching
Jon Kleinberg; Sigal Oren
Voting with Coarse Beliefs
Samantha Leung; Edward Lui; Rafael Pass
Complex Contagions in Kleinberg’s Small World Model
Roozbeh Ebrahimi; Jie Gao; Golnaz Ghasemiesfah; Grant Schoenebeck

12:55  LUNCH

SESSION 3 (14:15-16:00)
Natural Selection as an Inhibitor of Genetic Diversity
Ruta Mehta; Ioannis Panageas; Georgios Piliouras
Fractal structures in Adversarial Prediction
Rina Panigrahy; Preyas Popat

MONDAY January 12th 2015

SESSION 5 (9:00-10:45)
Arithmetic Cryptography
Benny Applebaum; Jonathan Avron; Christina Brzuska
The Hidden Communication Graph Model: Communication Locality and Optimal Resiliency with Adaptive Faults
Nishanth Chandran; Wutichai Chongchitmate; Juan A. Garay; Shafi Goldwasser; Rafail Ostrovsky; Vassilis Zikas
On The Communication Complexity of Secure Function Evaluation with Long Output
Pavel Hubacek; Daniel Wichs

Privacy-Preserving Public Information for Sequential Games
Avrim Blum; Jamie Morgenstern; Ankit Sharma; Adam Smith

10:45  COFFEE

SESSION 6 (11:10-12:55)
Uniform Sampling for Matrix Approximation
Michael B. Cohen; Yin Tat Lee; Cameron Musco; Christopher Musco; Richard Peng; Aaron Sidford
Relax, no need to round: integrality of clustering formulations
Pranjal Awasthi; Afonso S. Bandeira; Moses Charikar; Ravishankar Krishnaswamy; Soledad Villar; Rachel Ward
On Multiplicative Weight Updates for Concave and Submodular Function Maximization
Chandra Chekuri; T.S. Jayram; Jan Vondrak
Robust Hierarchical $k$-Center Clustering
Silvio Lattanzi; Stefano Leonardi; Vahab Mirrokni; Ilya Razenshteyn

12:55  LUNCH

SESSION 7 (14:00-15:00)
Craig Gentry - Keynote Speaker

(15:20-16:40) SESSION 8
The Computational Benefit of Correlated Instances
Irit Dinur; Shafi Goldwasser; Huijia Lin
Why are images smooth?
Uriel Feige
A Physically Universal Cellular Automaton
Luke Schaeffer

16:40  BRIEF BREAK