

Mathematics of Politics

Tuesday April 22, 2014

- 8:00–8:55 *Check-In/Light Breakfast (Hosted by IPAM)*
- 8:55–9:00 *Welcome & Opening Remarks: Dean Miguel García-Garibay (Dean of Physical Sciences, UCLA) and Dima Shlyakhtenko (Director, IPAM)*
- 9:00–9:45 **Don Saari** (University of California, Irvine (UCI))
Using mathematics to structure laws
- 9:50–10:05 *Break*
- 10:05–10:50 **Lynn Vavreck** (University of California, Los Angeles (UCLA))
Myth-Busters: Game Changers and Big Data In Presidential Campaigns
- 10:55–11:10 *Break*
- 11:10–11:55 **Rafail Ostrovsky** (University of California, Los Angeles (UCLA))
War on Terror vs. Individual Privacy
- 12:00–1:30 *Lunch (on your own)*
- 1:30–2:15 **Martin Hellman** (Stanford University)
Risk Analysis of Nuclear Deterrence
- 2:20–2:35 *Break*
- 2:35–3:30 *Panel Discussion: Mark Green, Jacob Foster, Mark Handcock, Richard Yamada*
- 3:30–4:00 *Break/Walk to CNSI*
- 4:00–4:45 **Jerry McNerney** (Representative (D-CA 9th District))
Public Lecture: How election campaigns are run and the future of math in politics
- 5:00–6:30 *Reception (Location: IPAM Lobby)*

Wednesday April 23, 2014

- 8:00–9:00 *Continental Breakfast*
- 9:00–9:45 **Vwani Roychowdhury** (University of California, Los Angeles (UCLA))
Political Dynamics in Large Scale online Data Sets: Challenges and Opportunities for Modeling
- 9:50–10:05 *Break*
- 10:05–10:50 **Solomon Messing** (Facebook)
How Online Social Networks Amplify Political Rhetoric and Engage the Public
- 10:55–11:10 *Break*

(Wednesday schedule continued on next page)



(Wednesday schedule continued from previous page)

- 11:10–11:55 **Charles R. Plott** (California Institute of Technology)
Committee Karate: Axiomatic Social Choice Theory and the Design of Procedures to Manipulate Groups
- 12:00–1:30 *Lunch (on your own)*
- 1:30–2:15 **Roja Bandari** (University of California, Los Angeles (UCLA))
Political Dynamics in Large Scale online Data Sets: A Study of Content-Oriented User Behavior

