



Centre for Philosophy  
of Natural and Social Science



THE LONDON SCHOOL  
OF ECONOMICS AND  
POLITICAL SCIENCE ■

## **Voting Power in Practice Summer Workshop**

### **Assessing Alternative Voting Procedures**

**Sponsored by The Leverhulme Trust**

Chateau du Baffy, Normandy, France  
30 July – 2 August 2010

(Directors: Rudolf Fara, Dan Felsenthal, Dennis Leech, Moshé Machover,  
Maurice Salles)

### **PROGRAMME**

**Friday, 30 July**

Registration in Chateau du Baffy: 16:30 onwards

**18.00–18.15 Welcome of Participants: Maurice Salles (University of Caen)**

**18.15–19.45 Informal remarks on the election of representative assemblies and decision-making within them**

Chair: Rudolf Fara (LSE)

Commentators: Moshé Machover (LSE and King's College London) and Dan Felsenthal (University of Haifa and LSE)

Audience Discussion

**20:00 Dinner**

---

**Saturday, 31 July**

**09:30–10:50 Voting Paradoxes I**

Chair: Moshé Machover (LSE and King's College London)

Dan Felsenthal (University of Haifa and LSE) *Review of paradoxes afflicting various voting procedures where one out of  $m$  candidates ( $m \geq 2$ ) must be elected*

Hannu Nurmi (Public Choice Research Centre and University of Turku) *On the relevance of theoretical results to voting system choice*

**10:50–11:20 Coffee Break**

**11:20–12:50 Voting Paradoxes II**

Chair: Moshé Machover (LSE and King's College London)

Dominique Lepelley (University of La Réunion) *The impact of group coherence on the likelihood of voting paradoxes*

William Gehrlein (University of Delaware) *The value of research based on simple assumptions about voters' preferences*

**12:50–14:20 Lunch**

**14:20–15:50 Voting Paradoxes III**

Chair: Dennis Leech (University of Warwick)

Nicholas Miller (University of Maryland, Baltimore County) *Election inversions and the US Electoral College*

Vincent Merlin (University of Caen) *Assessing the probability of the referendum paradox*

**15:50–16:20 Coffee Break**

**16:20–17:50 Voting Paradoxes IV**

Chair: Dennis Leech (University of Warwick)

Friedrich Pukelsheim (University of Augsburg) *Electoral reform in Germany: A positive twist to negative voting weights?*

William Zwicker (Union College) *Manipulability, decisiveness, and responsiveness in voting rules*

**17:50 – 18:35 Voting Paradoxes V – Experience from the Real World**

Chair: Rudolf Fara (London School of Economics)

Ken Ritchie (Electoral Reform Society) *Putting paradoxes into perspective*

**20:00 Dinner**

---

**Sunday, 1 August**

**09:30–10:50 Field Experiments**

Chair: Maurice Salles (University of Caen)

Antoinette Baujard (University of Caen) *Which result for which voting rule? An analysis based on a framed field experiment on approval and evaluation voting rules*

Jean-Francois Laslier (Ecole Polytechnic, Paris) *In Silico voting experiments*

**10:50–11:20 Coffee Break**

**11:20–12:50 New Applications and Characterizations I**

Chair: Maurice Salles (University of Caen)

Fuad Aleskerov (National Research University Higher School of Economics, Moscow, Russia) *The threshold aggregation and its application*

D. Marc Kilgour (Wilfrid Laurier University, Waterloo, Ontario, Canada) *Approval balloting for fixed-sized committees*

**12:50–14:20 Lunch**

**14:20–15:50 New Applications and Characterizations II**

Chair: Rudolf Fara (London School of Economics)

Florenz Plassmann (State University of New York at Binghamton) *The structure of election-generating universe*

M. Remzi Sanver (Bilgi University, Istanbul) *One-way monotonicity as a form of strategy proofness*

**15:50–16:20 Coffee Break**

**16:20–17:05 New Applications and Characterizations III**

Chair: Rudolf Fara (London School of Economics)

Olga Ruff (University of Augsburg) *A stochastic synopsis of binary voting rules*

**17:05–17:50 Round Table**

Chair: Dan Felsenthal (University of Haifa and LSE)

*Theory and practice: The impact of social choice theory on the selection of voting procedures for public elections in the real world – are we satisfied?*

**20:00 Dinner**

---

## **Affiliations and Email Addresses of Participants**

1. Aleskerov, Fuad, National Research University Higher School of Economics, Moscow, Russia; Email: [alesk@ipu.rssi.ru](mailto:alesk@ipu.rssi.ru)
2. Baujard, Antoinette, University of Caen; Email: [antoinette.baujard@unicaen.fr](mailto:antoinette.baujard@unicaen.fr)
3. Chua, Vincent, SIM University, Singapore; Email: [vincentchua@unisim.edu.sg](mailto:vincentchua@unisim.edu.sg)
4. Fara, Rudolf, London School of Economics; Email: [R.Fara@lse.ac.uk](mailto:R.Fara@lse.ac.uk)
5. Felsenthal, Dan, University of Haifa; Email: [dfelsenthal@poli.haifa.ac.il](mailto:dfelsenthal@poli.haifa.ac.il)
6. Gardini, Alessandro, Electoral Reform Society, London; Email: [alessandro.gardini@electoral-reform.org.uk](mailto:alessandro.gardini@electoral-reform.org.uk)
7. Gehrlein, William, University of Delaware; Email: [gehrleiw@lerner.udel.edu](mailto:gehrleiw@lerner.udel.edu)
8. Kilgour, D. Marc, Wilfrid Laurier University, Canada; Email: [mkilgour@wlu.ca](mailto:mkilgour@wlu.ca)
9. Laslier, Jean-Francois, Ecole Polytechnic, Paris. Email: [jean-francois.laslier@polytechnique.edu](mailto:jean-francois.laslier@polytechnique.edu)
10. Leech, Dennis, University of Warwick; Email: [d.leech@warwick.ac.uk](mailto:d.leech@warwick.ac.uk)
11. Lepelley, Dominique, University of La Réunion; Email: [dominique.lepelley@univ-reunion.fr](mailto:dominique.lepelley@univ-reunion.fr)
12. Machover, Moshé, King's College; London; Email: [moshe.machover@kcl.ac.uk](mailto:moshe.machover@kcl.ac.uk)
13. Merlin, Vincent, University of Caen. Email: [vincent.merlin@unicaen.fr](mailto:vincent.merlin@unicaen.fr)
14. Miller, Nicholas, University of Maryland, Baltimore County; Email: [nmiller@umbc.edu](mailto:nmiller@umbc.edu)
15. Nurmi, Hannu, University of Turku; Email: [hnurmi@utu.fi](mailto:hnurmi@utu.fi)
16. Plassmann, Florenz, State University of New York at Binghamton; Email: [fplass@binghamton.edu](mailto:fplass@binghamton.edu)
17. Pukelsheim, Friedrich, University of Augsburg; Email: [Pukelsheim@math.uni-augsburg.de](mailto:Pukelsheim@math.uni-augsburg.de)
18. Ritchie, Ken, Electoral Reform Society, London; Email: [ken.ritchie@electoral-reform.org.uk](mailto:ken.ritchie@electoral-reform.org.uk)

19. Ruff, Olga, University of Augsburg; Email: [olga.ruff@math.uni-augsburg.de](mailto:olga.ruff@math.uni-augsburg.de)
20. Salles, Maurice, University of Caen; Email: [maurice.salles@unicaen.fr](mailto:maurice.salles@unicaen.fr)
21. Sanver, M. Remzi, Bilgi University; Email: [sanver@bilgi.edu.tr](mailto:sanver@bilgi.edu.tr)
22. Tideman, T. Nicolaus, Virginia Polytechnic Institute and State University; Email: [ntideman@vt.edu](mailto:ntideman@vt.edu)
23. Zwicker, William, Union College; Email: [zwickerw@union.edu](mailto:zwickerw@union.edu)