

Workshops @Lorentz Center

Formal Methods for the Informal World
Workshop: 4 – 8 March 2013, Leiden, the Netherlands

Scientific Organizers

- Francesc Dechesne, TU Delft
- Frank Dignum, Utrecht U
- Virginia Dignum, TU Delft
- Bruce Edmonds, Manchester Metropolitan U
- Liz Sonenberg, Melbourne U

Invited Speakers

- Johan van Benthem, U Amsterdam
- Mark Dechesne, Leiden U
- Sven Ove Hansson, KTH Stockholm
- Pablo Noriega, IIIA-CSIC Barcelona
- Paul Ormerod, Volterra, London
- Eric Pacuit, Tilburg U
- Lamber Royakkers, Eindhoven UT
- Barry Silverman, U Pennsylvania

Gossip and the Management of Reputation
Workshop: 26 – 30 August 2013, Leiden, the Netherlands

Scientific Organizers

- Francesca Giardini, CNR Rome
- Rafael Wittek, U Groningen

Topics

- Definitions and Theories
- Ultimate and Proximate Explanations
- Roles and Relationships
- Group Performance and Collective Action
- Intra- and Inter-Group Competition and Cooperation
- Social Media and New Technologies
- Societal Processes

Mathematics of Information-Theoretic Cryptography
School@Snellius: 13–17 May 2013, Leiden, the Netherlands
Workshop@Oort: 21–25 May 2013

Scientific Organizers

- Ignacio Cascudo, CWI Amsterdam
- Ronald Cramer, CWI Amsterdam / Leiden U
- Venkatesan Guruswami, Carnegie Mellon U
- Yuval Ishai, Technion Haifa
- Carles Padró, NTU Singapore
- Chaoping Xing, NTU Singapore

Keynote Speakers

- Amos Beimel, Ben-Gurion U
- Yevgeniy Dodis, NYU
- Parashit Gopalan, MSR-SV
- Hendrik Lenstra, Leiden U
- Harald Niederreiter, Austrian Academy of Sciences
- Jesper Buus Nielsen, Aarhus U
- Renato Renner, ETH Zurich
- Henning Stichtenoth, Sabanci U
- Madhu Sudan, MSR-NE / MIT

Complexity Models for Systemic Instabilities and Crises
Workshop: 8 – 12 April 2013, Leiden, the Netherlands

Scientific Organizers

- Jean-Philippe Bouchaud, CEM/CEA
- Domenico Delli Gatti, UCSC
- Cees Diks, U Amsterdam
- Doyne Farmer, U Oxford
- Cars Hommes, U Amsterdam
- Domenico Massaro, U Amsterdam

Invited Participants

- David Aikman, Bank of England
- Robert Artell, George Mason U
- Stefano Battiston, ETH Zurich
- Eric Beinhocker, INET Oxford
- Nina Boyarchenko, Federal Reserve Bank NY
- Andreas Flache, U Groningen
- Mauro Gallegati, UPM Ancona
- John Geanakoplos, Yale U
- Dale Gray, International Monetary Fund
- László Guljás, ATIA Budapest
- Lee Hoogduin, U Amsterdam
- Peter Howitt, Brown U
- Giulia Iori, City London
- Fabrizio Lillo, SNS Pisa
- Rosario Mantegna, U Palermo
- Frank Schweitzer, ETH Zurich
- Coen Teulings, CPB Netherlands
- Stephan Thurner, U Vienna

www.lorentzcenter.nl

Jos Roerdink

Chair Informatics Advisory Board

Philosophy:

Collaborative and sharing environment

+

time for thought

=

Real progress

Your own center for a week

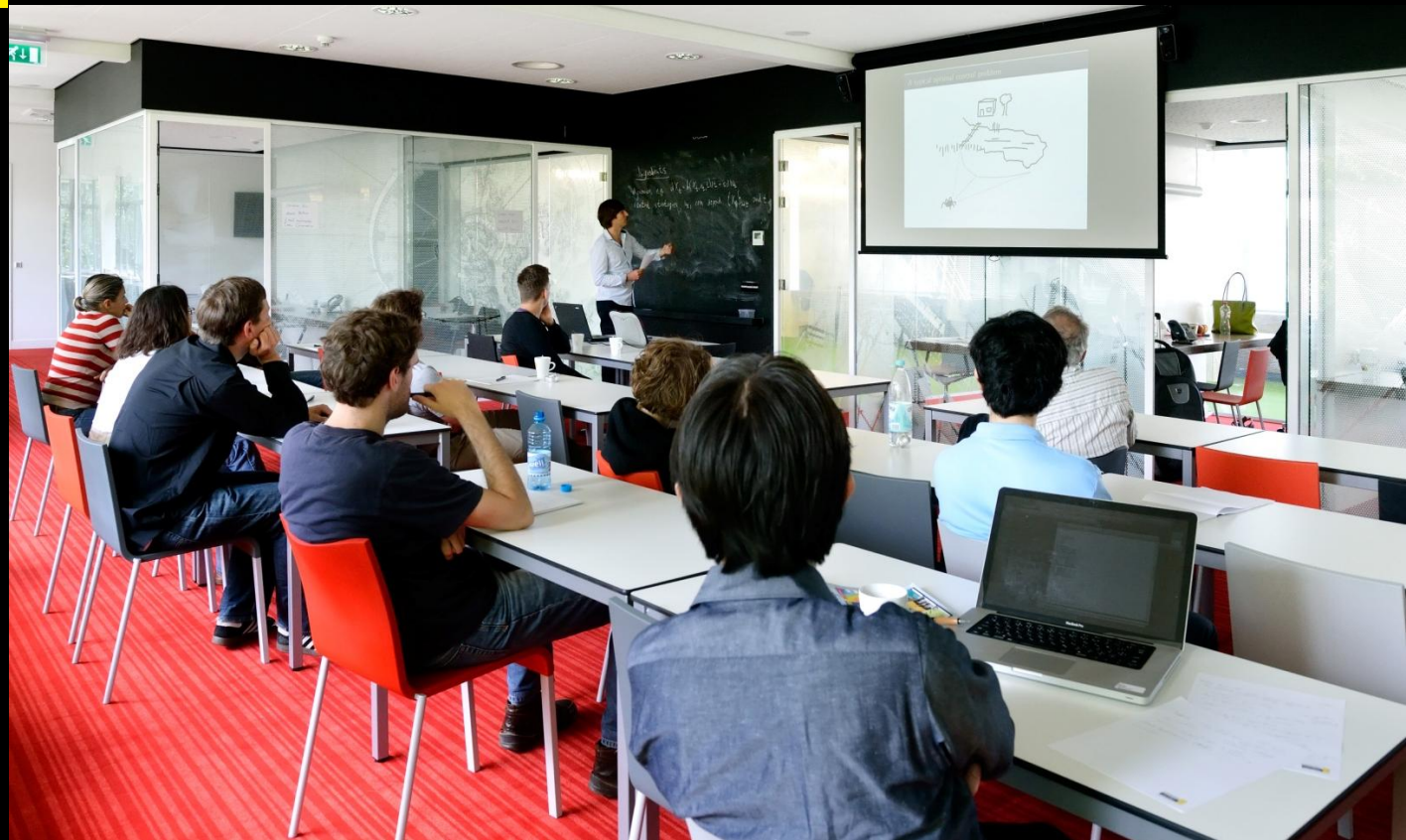
Science

Openness

Fun

...and everyone has their own office space and keys and..





Your own Workshop in
4 steps

Workshop Step 1

Your Scientific idea and goals

+

Input from the Lorentz Center on realization

Workshop Step 2

Proposal: What
 Why
 Who
 How

Any scientist can submit a proposal

Workshop Step 2

Proposal: What
 Why
 Who (junior scientists are welcome!)

 How

Any scientist can submit a proposal

Workshop Step 3

Evaluation by your peers (advisory boards)

Quality and Format

Feedback and reiteration

Benefit of the doubt

Making good ideas better workshops

Workshop Step 4

Getting practical

One coordinator from LC

Realization 8-16 months

Easy to reach - ½ hour from Schiphol

Science for the scientists – we do the rest



After

One page scientific report

Evaluating the quality while avoiding bureaucracy...



Facilities

Lorentz Center@Oort

since 1997

up to 55 participants

Lorentz Center@Snellius

since 2012

up to 25 participants



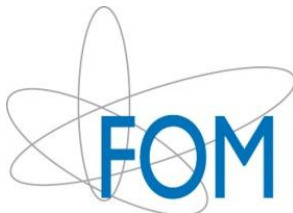
Financial

Lorentz Center contribution –
sufficient for a basic workshop

~ € 13,000 / week (partially in kind)

Additional external funding: average € 6,000

NO workshop fees



Ministry of Education, Culture and
Science

Supporting Science

Practical

Frees up time for Science

Structural

Helps getting more Science
out of the workshops

Financial

Makes it possible

Supported by Science

7 advisory boards ~70 scientists

(all natural sciences –
also in collaboration with humanities/social sciences)

- Evaluation and feedback
- Topics and people
- Ambassadors

Science as scientists like it

Facts 'n Figures

Lorentz Center@Oort - 2012

workshops: 45 weeks

schools and consortia: 3 weeks

participants: average 46/workshop

total 2012: 2,200

ICT with Industry

from Complex Business Issues to Breakthrough ICT Solutions

Workshop: 11-15 November 2013, Leiden, the Netherlands

Scientific Organizers

- Margriet Jansz, STW Utrecht
- Rosemarie van der Veen - Oei, NWO-EW The Hague

Assessment Committee

- Antal van den Bosch, Radboud U
- Arnold Bregt, Wageningen UR
- Frank van Harmelen, VU Amsterdam
- Cees Snoek, U Amsterdam

Participating Industries

- Kadaster
- Netherlands Institute for Sound and Vision
- Rijkswaterstaat
- SEECR Software Craftmanship
- Statistics Netherlands CBS

The Lorentz Center is an international

Lorentz center



Fostering collaboration

www.lorentzcenter.nl