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# **Intercontinental Academia Singapore March 19-27 2018**

Orchid Room, NTU Campus Clubhouse, 50 Nanyang View, Singapore 639667

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| **Sunday 18 March** | **18:30** Welcome Reception @ Cosmo | | | |
| **Monday 19 March** | **Morning** | **Afternoon** | | **Evening** |
| Fellows  All Fellows  Mentors  Professor Michal Feldman  Professor David Gross  Professor Patrick Geary  Professor Gil Kalai  Professor Michel Spiro  Directors  Professor Lars Brink  Professor Kwek Leong Chuan  Professor Michael J Hannon  Professor Phua Kok Khoo  Professor Eliezer Rabinovici  Birmingham Organising Group  Professor Damien Walmsley  (University of Birmingham)  Guests  Professor Nargiza Amirova  (IAR Nagoya University) | **Welcome**  **09:00-09:30**  Phua Kok Khoo  Michael J Hannon  Eliezer Rabinovici  Kwek Leong Chuan  Sue Gilligan  Briefing on:  Mentor talks responses  1:1s with Mentors  Thematic Panels  Projects and outcomes  Presentation to Brazil  **09:30-12:00**  Fellows introductions to each other  Mind-mapping and planning  **Includes 10:30 Refreshments break**  **12:00 Morning wrap up** | **Mentor talks and responses**  **Chair - Eliezer Rabinovici**  **13:30-15:30** *Michal Feldman*  ***Algorithmic Game Theory: the Crossroad of Computer Science, Game Theory, and Economics***  Response and discussion  *Michel Spiro + two fellows*  **15:30** Refreshments  **15:45-17:45** *Patrick Geary*  ***Laws of History and Laws in History***  Response and discussion  *David Gross + two fellows* | | **Dinner**  **Catering @ Orchid Room**  **18:30**  **20:00-21:00 Evening discussion**  All fellows  Michal Feldman  Patrick Geary |
| **Tuesday 20 March** | **Morning** | | | |
| Fellows  All Fellows  Mentors  Professor Penny Andrews  Professor Michal Feldman  Professor Patrick Geary  Professor David Gross  Professor Gil Kalai  Professor Atul Parikh  Professor Michel Spiro  Directors  Professor Lars Brink  Professor Kwek Leong Chuan  Professor Michael J Hannon  Professor Phua Kok Khoo  Professor Eliezer Rabinovici  Birmingham Organising Group  Professor Damien Walmsley  (University of Birmingham)  Guests  Professor Nargiza Amirova  (IAR Nagoya University) | **Fellows’ 6 minute Presentations**  **09:00-09:30**  *Dr Vahid Aryadoust*  ***Why aren’t there any “Scientific Laws” in Applied Linguistics?”***  *Dr VV Binoy*  ***Determinants of Social Decision-making: a Tale of Two Vertebrates***  *Dr Anupam Chattopadhyay*  ***Laws of Digital Evolution***  **09:30-10:00**  *Dr Willem Gravett*  ***The Legal System's Uneasy Relationship with Social Science: Can Rigidity Make Way for a Dynamic?***  *Dr Dr Hanjo Hamann*  ***Why European Lawyers Call Their Trade a "Science", and What That Tells Us About Their Dynamical Systems Perspective***  *Dr Uli Heisserer*  ***Industrial Research in Materials Science: Doing Meaningful Things where Laws of Nature (science), Laws of Society (legislation, ethics) and Market Laws Interplay***  **10:00-10:40**  *Dr Wai-Yip Ho*  ***Rigidity and Dynamics: Considering Islamic Law***  *Dr Nkatha Kabira*  ***Commissions as Technologies of Law and Governance***  *Dr Isabel Kusche*  ***Legal Rules: Content versus Meaning***  *Dr Irina Kuznetsova*  ***Law, Mobility and Bodies: Developing an Interdisciplinary Theoretical and Methodological Approach to Studying the Outcomes of Displacement*** | | **10:40-11:00** Refreshments  **11:00-11:30**  *Dr Petra Liedl*  ***Laws and Sustainability- How do Laws Support Transformation Processes?***  *Dr Kenneth Lim*  ***Intuitions and Learning, and (very) early musings on Intuitions and Laws***  *Dr David Maimon*  ***Regulating Computer Users’ Online Behaviors: Online and Offline Architectures of Control***  **11:30-12:00**  *Professor Yoh Matsuo*  ***Two Concepts of Law: Legal and Scientific***  *Dr Katrien Pype*  ***Mobile Phones: the Matter of Communication***  *Dr Tom Schonberg*  ***New Paradigms, Open Science and Neuroethics of "mind-reading"***  **12:00-12:30**  *Dr Michal Smolkin*  ***Law through the Lens of Physics***  *Dr Carla Aparecida Arena Ventura*  ***International Law and International Human Rights Law: Exploring Interrelationships, Rigidity and Dynamics in the areas of Health and Mental Health***  *Dr Al Wilson*  ***Laws of Nature: Unity and Variety*** | |
| **Tuesday 20 March (cont.)** | **Afternoon** | | **Evening** | |
| Fellows  All Fellows  Mentors  Professor Penny Andrews  Professor Michal Feldman  Professor Patrick Geary  Professor David Gross  Professor Gil Kalai  Professor Atul Parikh  Professor Michel Spiro  Directors  Professor Lars Brink  Professor Kwek Leong Chuan  Professor Michael J Hannon  Professor Phua Kok Khoo  Professor Eliezer Rabinovici  Birmingham Organising Group  Professor Damien Walmsley  (University of Birmingham)  Guests  Professor Nargiza Amirova  (IAR Nagoya University) | **Mentor talks and responses**  **Chair - Nargiza Amirova**  **13:30-15:30**  *Penny Andrews*  ***The “Casserole Constitution”: The South African Constitution and International Laws***  Response and discussion  *Gil Kalai + two fellows*  **15:30** Refreshments  **Chair - Lars Brink**  **15:45-17:45**  *Gil Kalai*  ***The Laws of Physics vs. the Laws of Computation – Laws and Errors in the Case of Quantum Computers***  Response and discussion  *Atul Parikh + two fellows* | | **Dinner**  **Catering @ Orchid Room**  **18:30**  **20:00-21:00 Evening discussion**  All fellows  Penny Andrews  Gil Kalai | |
| **Wednesday 21 March** | **Morning** | **Afternoon** | | **Evening** |
| Fellows  All Fellows  Mentors  Professor Penny Andrews  Professor Suzanne Blier  Professor Sir Partha Dasgupta  Professor Michal Feldman  Professor Patrick Geary  Professor David Gross  Professor Gil Kalai  Professor Atul Parikh  Professor Michel Spiro  Directors  Professor Lars Brink  Professor Kwek Leong Chuan  Professor Michael J Hannon  Professor Phua Kok Khoo  Professor Eliezer Rabinovici  Birmingham Organising Group  Professor Damien Walmsley  (University of Birmingham)  Guests  Professor Robin Mason  (PVC International,  University of Birmingham) | **Mentor talks and responses**  **Chair - Robin Mason**  **09:00-11:00** *Partha Dasgupta*  ***A Matter of Trust: Laws and Norms***  Response and discussion  *David Gross + two fellows*  **11:00-11:15** Refreshments  **Chair - KK Phua**  **11:15-13:15** *David Gross*  ***The Nature of Laws and Principles in Physics***  Response and discussion  *Patrick Geary + two fellows* | **Mentor talks and responses**  **Chair - Mike Hannon**  **14:15-16:15** *Michel Spiro*  ***CERN a Collective Machinery to Test***  ***Laws against Nature***  Response and discussion  *Michal Feldman + two fellows*  **16:15-16:30** Refreshments  **16:30-18:30** *Suzanne Blier*  ***From Fair Use to Zoning Ordinance: Challenging the Law for Public Benefit***  Response and discussion  *Partha Dasgupta + two fellows*  **Dinner transport leaves at 19:00** | | **Dinner**  **20:00**  Tanglin Club  Churchill Room  5 Stevens Rd, Singapore 257814  <http://www.tanglinclub.org.sg/about/club-history.html> |
| **Thursday 22 March** | **Morning and Afternoon** | | | **Evening** |
| Fellows  All Fellows  Mentors  Professor Penny Andrews  Professor Suzanne Blier  Professor Sir Partha Dasgupta  Professor Michal Feldman  Professor David Gross  Professor Patrick Geary  Professor Gil Kalai  Professor Atul Parikh  Professor Michel Spiro  Directors  Professor Lars Brink  Professor Kwek Leong Chuan  Professor Michael J Hannon  Professor Phua Kok Khoo  Professor Eliezer Rabinovici  Birmingham Organising Group  Professor Damien Walmsley  University of Birmingham  Guests  Professor Robin Mason  (PVC International  University of Birmingham) | **Thematic panel day - to be planned by Fellows**  09:00-10:30 SESSION 1  10:30-11:00 Refreshments  11:00-13:00 SESSION 2  13:00-14:00 Lunch  **Lunchtime discussion**  All fellows  David Gross  Michel Spiro  14:00-16:00 SESSION 3  **Includes 15:00 Refreshments break**  Transport to leave at 17:00 | | | **Dinner hosted by**  **Professor Robin Mason**  **(PVC International**  **University of Birmingham**)  #06-01 National Gallery Singapore 1 St. Andrew's Road  Singapore 178957  Tel: +65 9234 8122  Fax: +65 63845575  18:00 Welcome Drink  [Smoke and Mirrors](http://www.smokeandmirrors.com.sg/)  18:30-20:30  [Dinner, Yan](http://www.yan.com.sg/)  Nanyang Executive Centre  23:00 – 23:30  (12:00 Sao Paulo Time)  [Link with](http://www.iea.usp.br/en/ubias-directors-conference-2018)  [UBIAS Directors’ Meeting](http://www.iea.usp.br/en/ubias-directors-conference-2018)  Session UBIAS programs:  Results of ICA 1 and 2  Contact with ongoing ICA 3 |
| **Friday 23 March** | **Morning** | **Afternoon** | | **Evening** |
| Fellows  All Fellows  Mentors  Professor Penny Andrews  Professor Suzanne Blier  Professor Sir Partha Dasgupta  Professor Patrick Geary  Professor Wang Gungwu  Professor Gil Kalai  Professor Atul Parikh  Professor Ernst Rank  Professor Ada Yonath  Directors  Professor Lars Brink  Professor Kwek Leong Chuan  Professor Michael J Hannon  Professor Phua Kok Khoo  Professor Eliezer Rabinovici  Birmingham Organising Group  Professor Damien Walmsley  (University of Birmingham) | **Mentor talks and responses**  **Chair - Mike Hannon**  **09:00-11:00** *Ernst Rank*  ***Laws and Beauty – a view from Computational Sciences***  Response and discussion  *Penny Andrews + two fellows*  **11:00-11:15** Refreshments  **Chair - KK Phua**  **11:15-13:15** *Wang Gungwu*  ***Chinese Historiography, on History as a Mirror of Government***  Response and discussion  *Ada Yonath + two fellows* | **Project and outcomes challenge**  **14:15-16:00** Fellows planning project outcomes  **16:00** Refreshments  **16:15-17:45** Presentation of projects | | **Dinner**  **18:30**  **BBQ outside Orchid Room**  **20:00-21:00 Evening discussion**  All fellows  Suzanne Blier  Partha Dasgupta |
| **Saturday 24 March** | **Morning** | **Afternoon** | | **Evening** |
| Fellows  All Fellows  Mentors  Professor Suzanne Blier  Professor Sir Partha Dasgupta  Professor Patrick Geary  Professor Atul Parikh  Professor Ernst Rank  Professor Ada Yonath  Directors  Professor Lars Brink  Professor Kwek Leong Chuan  Professor Michael J Hannon  Professor Phua Kok Khoo  Professor Eliezer Rabinovici | **Chair - Kwek Leong Chuan**  **09:00-11:00** Atul Parikh  ***At the Limits of Laws of Thermodynamics: From Single Molecules to Living Matter***  Response and discussion  *Suzanne Blier + two fellows*  **11:00-11:15** Refreshments  **Chair - Eliezer Rabinovici**  **11:15-13:15** Ada Yonath  ***Thoughts about Functional Flexibility and Origin of Life: The Creation of Multi Tasks Complex Systems***  Response and discussion  *Ernst Rank + two fellows* | **Transport leaves at 14:30**  15:30-17:30  **ArtScience Museum**  6 Bayfront Ave, Singapore 018974  Gather at 17:30 for dinner transport | | **Dinner**  **18:30**  Buffet dinner  Hotel Jen @ Orchardgateway  277 Orchard Rd, Singapore 238858  **Return transport to NEC at 20:30** |
| **Sunday 25 March** | **Morning** | **Afternoon** | | **Evening** |
| Fellows  All Fellows  Mentors Directors  Suzanne Blier Kwek L Chuan  Patrick Geary Michael J Hannon  Atul Parikh Phua Kok Khoo  Ernst Rank Eliezer Rabinovici  Ada Yonath Lars Brink | **08:00 Depart from NEC**  Pulau Ubin and Chek Jawa  Lunch at Pulau Ubin  **14:30 Return to Singapore main island** | **15:00-15:45 Changi Museum**  **16:15-17:00 Sun Yat Sen Nanyang Memorial Hall** | | **Dinner**  **17:30 Satay by the Bay**  18 Marina Gardens Drive #01-19 Singapore 018953  **Return transport to NEC at 20:30** |
| **Monday 26 March** | **Morning** | **Afternoon** | | **Evening** |
| Fellows  All Fellows  Mentors  Professor Patrick Geary  Professor Atul Parikh  Professor Ernst Rank  Professor Ada Yonath  Directors  Professor Lars Brink  Professor Kwek Leong Chuan  Professor Michael J Hannon  Professor Phua Kok Khoo  Professor Eliezer Rabinovici | **Fellows-led programme**  09:00-10:30 SESSION 1  10:30-11:00 Refreshments  11:00-13:00 SESSION 2  13:00-14:00 Lunch | **Fellows-led programme**  14:00-15:30 SESSION 3  15:30-15:45 Refreshments  15:45-17:30 SESSION 4 | | **Dinner**  **Catering @ Orchid Room**  **18:30**  **20:00-21:00 Evening discussion**  All fellows  Atul Parikh  Ernst Rank  Ada Yonath |
| **Tuesday 27 March** | **Morning** | **Afternoon** | | **Evening** |
| Fellows  All Fellows  Mentors  Professor Atul Parikh  Professor Ernst Rank  Professor Ada Yonath  Directors  Professor Kwek Leong Chuan  Professor Michael J Hannon  Professor Phua Kok Khoo  Professor Eliezer Rabinovici | **Fellows-led programme**  09:00-10:30 SESSION 1  10:30-11:00 Refreshments  11:00-13:00 SESSION 2  13:00-14:00 Lunch | **Plenary and close**  14:00-15:00 | |  |