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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** |
| FellowsAll FellowsMentorsProfessor Michal FeldmanProfessor David GrossProfessor Patrick GearyProfessor Gil KalaiProfessor Michel SpiroDirectorsProfessor Lars BrinkProfessor Kwek Leong ChuanProfessor Michael J HannonProfessor Phua Kok KhooProfessor Eliezer RabinoviciBirmingham Organising GroupProfessor Damien Walmsley(University of Birmingham)GuestsProfessor Nargiza Amirova(IAR Nagoya University) | **Welcome****09:00-09:30**Phua Kok KhooMichael J HannonEliezer RabinoviciKwek Leong ChuanSue GilliganBriefing on:Mentor talks responses1:1s with MentorsThematic Panels Projects and outcomes Presentation to Brazil**09:30-12:00**Fellows introductions to each otherMind-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 fellowsMichal FeldmanPatrick Geary |
| **Tuesday 20 March** | **Morning** |
| FellowsAll FellowsMentorsProfessor Penny AndrewsProfessor Michal FeldmanProfessor Patrick GearyProfessor David GrossProfessor Gil KalaiProfessor Atul ParikhProfessor Michel SpiroDirectorsProfessor Lars BrinkProfessor Kwek Leong ChuanProfessor Michael J HannonProfessor Phua Kok KhooProfessor Eliezer RabinoviciBirmingham Organising GroupProfessor Damien Walmsley(University of Birmingham)GuestsProfessor 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** |
| FellowsAll FellowsMentorsProfessor Penny AndrewsProfessor Michal FeldmanProfessor Patrick GearyProfessor David GrossProfessor Gil KalaiProfessor Atul ParikhProfessor Michel SpiroDirectorsProfessor Lars BrinkProfessor Kwek Leong ChuanProfessor Michael J HannonProfessor Phua Kok KhooProfessor Eliezer RabinoviciBirmingham Organising GroupProfessor Damien Walmsley(University of Birmingham)GuestsProfessor 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 fellowsPenny AndrewsGil Kalai |
| **Wednesday 21 March** | **Morning** | **Afternoon** | **Evening** |
| FellowsAll FellowsMentorsProfessor Penny AndrewsProfessor Suzanne BlierProfessor Sir Partha DasguptaProfessor Michal FeldmanProfessor Patrick GearyProfessor David GrossProfessor Gil KalaiProfessor Atul ParikhProfessor Michel SpiroDirectorsProfessor Lars BrinkProfessor Kwek Leong ChuanProfessor Michael J HannonProfessor Phua Kok KhooProfessor Eliezer RabinoviciBirmingham Organising GroupProfessor Damien Walmsley(University of Birmingham)GuestsProfessor 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 ClubChurchill Room5 Stevens Rd, Singapore 257814<http://www.tanglinclub.org.sg/about/club-history.html> |
| **Thursday 22 March** | **Morning and Afternoon** | **Evening** |
| FellowsAll FellowsMentorsProfessor Penny AndrewsProfessor Suzanne BlierProfessor Sir Partha DasguptaProfessor Michal Feldman Professor David GrossProfessor Patrick GearyProfessor Gil KalaiProfessor Atul ParikhProfessor Michel SpiroDirectorsProfessor Lars BrinkProfessor Kwek Leong ChuanProfessor Michael J HannonProfessor Phua Kok KhooProfessor Eliezer RabinoviciBirmingham Organising GroupProfessor Damien WalmsleyUniversity of BirminghamGuestsProfessor Robin Mason(PVC InternationalUniversity of Birmingham) | **Thematic panel day - to be planned by Fellows**09:00-10:30 SESSION 110:30-11:00 Refreshments11:00-13:00 SESSION 213:00-14:00 Lunch**Lunchtime discussion**All fellowsDavid GrossMichel Spiro14:00-16:00 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 6384557518:00 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** |
| FellowsAll FellowsMentorsProfessor Penny AndrewsProfessor Suzanne BlierProfessor Sir Partha DasguptaProfessor Patrick GearyProfessor Wang GungwuProfessor Gil KalaiProfessor Atul ParikhProfessor Ernst RankProfessor Ada YonathDirectorsProfessor Lars BrinkProfessor Kwek Leong ChuanProfessor Michael J HannonProfessor Phua Kok KhooProfessor Eliezer RabinoviciBirmingham Organising GroupProfessor 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 fellowsSuzanne BlierPartha Dasgupta |
| **Saturday 24 March** | **Morning** | **Afternoon** | **Evening** |
| FellowsAll FellowsMentorsProfessor Suzanne BlierProfessor Sir Partha DasguptaProfessor Patrick GearyProfessor Atul ParikhProfessor Ernst RankProfessor Ada YonathDirectorsProfessor Lars BrinkProfessor Kwek Leong ChuanProfessor Michael J HannonProfessor Phua Kok KhooProfessor 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 018974Gather 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** |
| FellowsAll FellowsMentors DirectorsSuzanne Blier Kwek L ChuanPatrick Geary Michael J HannonAtul Parikh Phua Kok KhooErnst Rank Eliezer RabinoviciAda Yonath Lars Brink | **08:00 Depart from NEC** Pulau Ubin and Chek JawaLunch 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** |
| FellowsAll FellowsMentorsProfessor Patrick GearyProfessor Atul ParikhProfessor Ernst RankProfessor Ada YonathDirectorsProfessor Lars BrinkProfessor Kwek Leong ChuanProfessor Michael J HannonProfessor Phua Kok KhooProfessor Eliezer Rabinovici | **Fellows-led programme**09:00-10:30 SESSION 110:30-11:00 Refreshments 11:00-13:00 SESSION 213:00-14:00 Lunch | **Fellows-led programme**14:00-15:30 SESSION 315:30-15:45 Refreshments15:45-17:30 SESSION 4 | **Dinner** **Catering @ Orchid Room****18:30****20:00-21:00 Evening discussion**All fellowsAtul ParikhErnst RankAda Yonath |
| **Tuesday 27 March** | **Morning** | **Afternoon** | **Evening** |
| FellowsAll FellowsMentorsProfessor Atul ParikhProfessor Ernst RankProfessor Ada YonathDirectorsProfessor Kwek Leong ChuanProfessor Michael J HannonProfessor Phua Kok KhooProfessor Eliezer Rabinovici | **Fellows-led programme**09:00-10:30 SESSION 110:30-11:00 Refreshments 11:00-13:00 SESSION 213:00-14:00 Lunch | **Plenary and close**14:00-15:00 |  |