

## Intercontinental Academia Birmingham 19 to 27 March 2019

### Composers' Suite Edgbaston Park Hotel

<p><b>Pre-Programme Monday 18 March</b></p>	<p><b>14:00-16:00</b> <u><a href="#">Perspectives in Chemistry:</a></u> <i>From Supramolecular Chemistry towards Adaptive Chemistry</i> <b>Professor Jean-Marie Lehn</b> Haworth 101 (Y2 campus map) Introduction Mike Hannon Director IAS</p>		<p><b>17:30-18:30</b> <u><a href="#">Human Well-Being and Economic Accounting</a></u> <b>Sir Partha Dasgupta</b> Sir Alan Walters Harvard Lecture Theatre (R29 campus map) Introduction Professor Robin Mason PVC International</p>		
<p><b>Monday 18 March</b></p>	<p style="text-align: center;"><b>18:30 Welcome drink and dinner Composers' Suite Edgbaston Park Hotel</b></p>				
<p><b>Tuesday 19 March</b></p>	<p style="text-align: center;"><b>Morning</b></p>		<p style="text-align: center;"><b>Afternoon</b></p>		
<p><u>Mentors and Directors</u> Penny Andrews Lars Brink Partha Dasgupta Patrick Geary Mike Hannon Ernst Rank Eliezer Rabinovici Bo Rothstein Jean Marie Lehn David Gross <u>Guests</u> Prof. Hiroko Takeda Institute for Advanced Research, Nagoya University</p>	<p>09:00-09:15 Welcome Mike Hannon, Eliezer Rabinovici, Sue Gilligan</p> <p>09:15-11:15 <b><i>Steps Towards Life: Chemistry!</i></b> Professor Jean-Marie Lehn Response Patrick Geary, Nkatha Kabira, Willem Gravett <u>Chair: Mike Hannon</u></p> <p><b>11:15 Group Photo 1</b> and refreshments</p> <p>11:45-12:30 Director Talk Eliezer Rabinovici <b><i>SESAME: A Source of Light for the Middle East</i></b></p> <p>12:45-13:30 Director Talk Mike Hannon <b><i>A Duet Between Chemistry and Biology</i></b></p> <p>13:30-14:30 LUNCH outside Composers' Suite</p>		<p><b>14:30-15:45 Introduction to Fellows' Projects and Feedback from Mentors</b></p> <ul style="list-style-type: none"> <li>• <b><i>Smart Cities, Dumb Laws</i></b></li> <li>• <b><i>Ransomware: an interdisciplinary exercise</i></b></li> <li>• <b><i>Interdisciplinarity</i></b></li> <li>• <b><i>Human Laws, Machine Laws and the Meeting Points</i></b></li> </ul> <p>15:45-16:00 Refreshments</p> <p>16:00-17:15 <b><i>Experiences of working on multidisciplinary projects.</i></b> Penny Andrews, Ernst Rank Tom Schonberg and Irina Kuznetsova <u>Chair: Eliezer Rabinovici</u></p> <p>17:15-18:15 Pre-dinner UoB Brexit Briefing <u>Professor Raquel Ortega-Argilés, Professor Anthony Arnull, Professor Scott Lucas, Dr Matt Cole, Dr Ben Warwick</u> Chair: Mike Hannon</p>		<p>20:00 Dinner</p> <p>Edgbaston Park Hotel Restaurant</p> <p><b>After Dinner Mentor Slot 21:00-22:00</b></p>

Wednesday 20 March	Morning	Afternoon	Evening
<b>Mentors and Directors</b> Penny Andrews Lars Brink Kwek Leong Chuan Partha Dasgupta Patrick Geary (out 12:15-15:00) Mike Hannon Atul Parikh (late afternoon) Eliezer Rabinovici (out 13:00-15:00) Ernst Rank Bo Rothstein David Gross (until 17:00) Ada Yonath (late afternoon)  <b>Guests</b> Hiroko Takeda	08:45-10:30 <b>Project Session 1</b>  10:30-10:45 Refreshments  10:45-11:45 <b>Understanding Constraints on Energy Policy</b> <a href="#">Professor Martin Freer</a> , Head of Physics and Astronomy Director of the <a href="#">Birmingham Energy Institute</a> Chair <a href="#">Mike Hannon</a>  11:45-13:00 <b>Experiences of working on multidisciplinary projects</b> Partha Dasgupta, Prof. Hiroko Takeda VV Binoy Misha Smolkin Anupam Chattopadhyay Chair <a href="#">Lars Brink</a>  13:00-14:00 LUNCH Hotel Restaurant	14:00-15:00 <b>Project Session 2</b>  15:00-17:00 <b>Experiences of working on multidisciplinary projects</b> Patrick Geary David Gross Isabel Kusche Uli Heisserer Chair <a href="#">Kwek Leong Chuan</a>	19:30 Transport from hotel  20:00 Dinner Al Faizal's 136 - 140 Stoney Ln, Birmingham B12 8AQ
Outside the main programme	<b>13:30-14:30</b> <b>Seminar Patrick Geary, IAS Princeton</b> <a href="#">Bringing Genomic Data into Historical Research</a> Poynting Small Lecture Theatre SO6 (R13 campus map)	<b>13:30-14:30</b> <b>Seminar Eliezer Rabinovici, (HUJI)</b> <a href="#">On the Phases of Gravity</a> Physics West 117 (R8 campus map)	<b>18:00-19:00</b> <b>Peierls Lecture David Gross</b> <a href="#">The Frontiers of Fundamental Physics</a> Poynting Lecture Theatre S02 (R13 campus map) Introduction Professor Andy Schofield PVC Head of College of Engineering and Physical Sciences
Thursday 21 March	Morning	Afternoon	Evening
<b>Mentors and Directors</b> Penny Andrews (16:00 to BLS) Lars Brink (our 14:00-16:00) Kwek Leong Chuan Partha Dasgupta Patrick Geary Mike Hannon Atul Parikh (out 12:30-16:30) Ernst Rank (until 3pm)	09:00-11.00 <b>Recorded lecture</b> <b>Making Sense of Corruption</b> Professor Bo Rothstein Followed by Q and A by Skype Response David Gross, Carla Ventura, Tom Schonberg Chair <a href="#">Eliezer Rabinovici</a>  <b>11:00 Group Photo 2</b> Refreshments	14:00-16.00 <b>Project Session 3</b> <b>Smart Cities Dumb Laws Panel</b>  16:00-16.15 Refreshments  <b>16:15-18.00</b> <b>Pre-Dinner After Dinner Mentor Slot</b>	20:00 Dinner Edgbaston Park Hotel Lloyd Room Horton Grange Dancing with DJ Hamann

<p>Eliezer Rabinovici (out 12:30-14:00) Bo Rothstein (out 15:00-18:00) David Gross Ada Yonath (until 16:00) <u>Guests</u> Hiroko Takeda</p>	<p>11:30-12:30 <b><i>Experiences of working on multidisciplinary projects</i></b> Atul Parikh Petra Liedl Al Wilson <u>Chair Mike Hannon</u></p> <p>12:30-13:00 <b>Fellows' Planning time</b></p> <p>13.00-14.00 LUNCH Outside Composers' Suite</p>		
<p>Outside the main programme 13.00 Mentor and Director Lunch Host Professor Sir David Eastwood 12<sup>th</sup> Floor Muirhead Tower (R21 campus map) <b>Penny Andrews, Lars Brink Åsa Brink, Kwek Leong Chuan Partha Dasgupta, Patrick Geary, David Gross, Jacquelyn Savani, Atul Parikh, Eliezer Rabinovici, Ernst Rank Hiroko Takeda Geoffrey West, Ada Yonath</b></p>	<p><b>15:00-16:00</b> <b>Lars Brink</b> <b><u>Alfred Nobel and the Nobel Prizes</u></b> Physics West 117 (R8 campus map)</p> <p><b>15:00-16:00</b> <b>Atul Parikh</b> <b><u>Mixing Water, Transducing Energy,</u></b> <b><u>Shaping Membranes: Far from Equilibrium Biological Interfaces</u></b> Biosciences Room 301 (R27 on campus map)</p>	<p><b>17:30-18:30</b> <b>Ada Yonath</b> <b><u>Inaugural Grace Frankland Memorial Lecture</u></b> Haworth 101 (Y2 campus map) Introduction Professor Laura Green Pro-Vice-Chancellor and Head of College of Life and Environmental Sciences</p> <p><b>18:00-19:00</b> <b>Penny Andrews</b> Inaugural Race and the Law Lecture <b><u>Race Inclusion and Excellence in Law Schools:</u></b> <b><u>A Perspective From Three Continents</u></b> Birmingham Law School Lecture Theatre 2 (R1 on campus map)</p>	
<p><b>Friday 22 March</b></p>	<p><b>Morning</b></p>	<p><b>Afternoon</b></p>	<p><b>Evening</b></p>
<p><u>Mentors and Directors</u> Penny Andrews Lars Brink Kwek Leong Chuan Partha Dasgupta (leaves evening) Patrick Geary Mike Hannon Atul Parikh Eliezer Rabinovici Bo Rothstein Michel Spiro (arrives afternoon) David Gross <u>Guest</u> Hiroko Takeda</p>	<p>08:30 Transport leaves EPH <b>09:30 Ada Yonath Interview about research. Hotel.</b> <b><i>In discussion with Bryan Turner</i></b> 10:00 Arrive Stratford Upon Avon Michel Saint Denis 10:15-11:15 <u>Professor Michael Dobson</u> As You Like it and Stratford Upon Avon 11.30-12.30 <u>Cathleen McCarron</u> (Voice Coach As You Like it) Group Voice and Text Session 11.30 Interview Professor Gross for University 12:30 Lunch</p>	<p>13:30-15.30 <b><i>Searching for the Laws of Life, Growth &amp; Death from Organisms &amp; Ecosystems to Cities &amp; Companies</i></b> Geoffrey West Response Penny Andrews Katrien Pype Hanjo Hamann <u>Chair Kwek Leong Chuan</u></p> <p>15:30 Break Free time in Stratford Upon Avon</p>	<p>17:00 Early Dinner <u>Rooftop Restaurant</u> 19:15 <u>As You Like It Royal Shakespeare Theatre</u> Transport back to EPH</p>

Saturday 23 March	Morning	Afternoon	Evening
<b>Mentors and Directors</b> Lars Brink Kwek Leong Chuan Patrick Geary Mike Hannon Atul Parikh Eliezer Rabinovici Bo Rothstein Michel Spiro David Gross <b>Guests</b> Hiroko Takeda	<b>Morning off</b>  <b>If required transport will be arranged from the hotel</b>  <b>12:30</b> Meet for lunch at the <a href="#">IKON Gallery</a> 1 Oozells Square Brindleyplace, Birmingham B1 2HS	14:00-17:30 City walk to include <a href="#">Birmingham City Art Galleries</a> <a href="#">Birmingham Library</a> <a href="#">Gas Street Basin</a>  <b>If required transport will be arranged from the hotel to Pasta Di Piazza.</b>	20:00 Dinner <a href="#">Pasta Di Piazza</a> 11 Brook Street St Paul's Square Birmingham B3 1SA
Sunday 24 March	Morning	Afternoon	Evening
<b>Mentors and Directors</b> Lars Brink Kwek Leong Chuan Mike Hannon Eliezer Rabinovici Bo Rothstein (departs afternoon) Michel Spiro <b>Guests</b> Hiroko Takeda Dr Yukinori Kawae Graduate School of Law, Nagoya University	<b>Morning off</b>  13:00 Traditional Sunday Lunch <a href="#">The Plough</a>	<b>Fellow's Led Cultural or Work Programme</b>	Light supper to be ordered individually at the hotel bar.  <b>Fellows' Project Session 4</b>
Monday 25 March	Morning	Afternoon	Evening
<b>Mentors and Directors</b> Lars Brink Kwek Leong Chuan Mike Hannon Eliezer Rabinovici Michel Spiro Geoffrey West  <b>Guests</b> Hiroko Takeda Yukinori Kawae Professor Ary Plonski IEA USP Raouf Boucekkine Aix-Marseille University	09:00-10:45 <b>Fellows' Project Session 5</b> 10:45-11:00 Refreshments  11:00-13:00 <b>Fellows' Project Session 6</b>  13:00-14:00 LUNCH Outside Composers' Suite	14:00-15:00 <b>Experiences of working on multidisciplinary projects</b> Michel Spiro Geoffrey West Matsuo Yoh and Wai Yip Ho Chair Yukinori Kawae  15:00-15:15 Refreshments  15:15-15:45 <a href="#">Professor Bill Chaplin</a> <b>Art &amp; Science, in collaboration</b>  16:00-18:00 Chair Ary Plonski ICA Alum ICA 4	20:00 Dinner Edgbaston Park Hotel Restaurant  <b>After Dinner Mentor Slot 21:00-22:00</b>

Tuesday 26 March	Morning	Afternoon	Evening		
<u>Mentors and Directors</u> Lars Brink Kwek Leong Chuan Mike Hannon Eliezer Rabinovici Michel Spiro (until 12:30) Geoffrey West (until 15:30)P <u>Guests</u> Yukinori Kawae Hiroko Takeda Ary Plonski Raouf Boucekkine	09:00-10:45 <b>Fellows' Project Session 7</b>  10:45-11:00 Refreshments  11:00-13.00 <b>Fellows' Project Session 8</b>  13.00-14.00 LUNCH Rear Bar area terrace	14:00-15:45 <b>Fellows' Project Session 9</b>  15:45-16:00 Refreshments  16:00-17:30 <b>Fellows' Project Session 10</b>	Dinner Edgbaston Park Hotel to be ordered individually at the hotel bar.  <b>After Dinner  Mentor Slot  21:00-22:00</b>		
Outside the main programme	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>13:00-14:30</b>  <b>Michel Spiro</b>  <a href="#"><i>CERN: A collective machinery to test laws against nature</i></a>   Aston Webb G33 (R4 on campus map) </td> <td style="width: 50%; vertical-align: top;"> <b>16:00-17:30</b>  <b>Geoffrey West</b>  <a href="#"><i>A Physicist's Search for Simplicity and Unity in the Complexity of Living Systems from Cells and Cities to Ecosystems and Companies</i></a>   Physics West 117 (R8 on campus map) </td> </tr> </table>			<b>13:00-14:30</b> <b>Michel Spiro</b> <a href="#"><i>CERN: A collective machinery to test laws against nature</i></a>  Aston Webb G33 (R4 on campus map)	<b>16:00-17:30</b> <b>Geoffrey West</b> <a href="#"><i>A Physicist's Search for Simplicity and Unity in the Complexity of Living Systems from Cells and Cities to Ecosystems and Companies</i></a>  Physics West 117 (R8 on campus map)
<b>13:00-14:30</b> <b>Michel Spiro</b> <a href="#"><i>CERN: A collective machinery to test laws against nature</i></a>  Aston Webb G33 (R4 on campus map)	<b>16:00-17:30</b> <b>Geoffrey West</b> <a href="#"><i>A Physicist's Search for Simplicity and Unity in the Complexity of Living Systems from Cells and Cities to Ecosystems and Companies</i></a>  Physics West 117 (R8 on campus map)				
Wednesday 27 March	Morning	Afternoon	Evening		
<u>Mentors and Directors</u> Lars Brink Kwek Leong Chuan Mike Hannon Eliezer Rabinovici Michel Spiro Geoffrey West <u>Guests</u> Dr Yukinori Kawae Graduate School of Law, Nagoya University Prof. Hiroko Takeda Institute for Advanced Research, Nagoya University	09:00-10:45 <b>Fellows' Project Session 11</b>  10:45-11:00 Refreshments  11:00-13:00 <b>Fellows' Project Session 12</b>  13.00-14.00 LUNCH Outside Composers' Suite	14:00-15:00 Plenary Summary of ongoing projects & planning for next steps Mike Hannon Eliezer Rabinovici <b>CLOSE</b>			