

Euroscience Open Forum 2012

JULY 11 • WEDNESDAY

C Careers Programme **E** Events **K** Keynote Address **P** Partnership Symposia **S** Science Programme
N Science-2-Business

6:00AM – 1:30PM	E Exhibition Set-Up	The Forum
11:00AM – 6:30PM	E Delegate Registration	Entrance Foyer
4:00PM – 5:00PM	E Fáilte Reception	The Forum
5:00PM – 6:00PM	K Opening Ceremony: Céad Míle Fáilte <i>Speakers: Máire Geoghegan-Quinn, Prof. Patrick Cunningham, Prof. Enric Banda, Michael D. Higgins, Richard Bruton T.D.</i>	Auditorium
6:00PM – 7:00PM	K Keynote Address: Jules Hoffmann (Nobel laureate) "From insects to mammals: reflections on a European journey through basic research on immune defenses" <i>Speakers: Prof. Jules Hoffmann</i>	Auditorium

JULY 12 • THURSDAY

8:00AM – 9:30AM	C Peer Review: meeting the challenges <i>Speakers: Julia Wilson, Alaa Ibrahim, Michael Curtis, Irene Hames</i>	Liffey Hall 1
8:00AM – 9:30AM	S Exoplanets: the search for planets beyond our solar system <i>Speakers: Don Pollacco, Heike Rauer, Giovanna Tinetti, Prof. Jocelyn Bell Burnell</i>	The Liffey B
8:00AM – 9:30AM	S I, Human: are new scientific discoveries challenging our identity as a species? <i>Speakers: Lone Frank, Armand Leroi, Brian Christian, Daniel Glaser</i>	The Liffey A
8:00AM – 9:30AM	S Is the future of mathematics medieval? <i>Speakers: Anthony Harvey, Lorraine Hanlon, David Howlett, Immo Warntjes, Emer O'Boyle</i>	Wicklow Meeting Room 1
8:00AM – 9:30AM	S Planetary robots: exploring the new frontier <i>Speakers: Craig Leff, Dave Barnes, Jean-Pierre Lebreton, Rita Schulz, Gernot Grömer</i>	Ecocem Room
8:00AM – 9:30AM	S Planting the seeds of genetically modified trees <i>Speakers: Cristina Vettori, Jeremy Bruton Sweet, Klaus Minol, Rosemary Hails, Matthias Fladung, Richard Meiland</i>	Liffey Hall 2
8:00AM – 9:30AM	S Science's progress against psychiatric disorders <i>Speakers: Dr. Philip Campbell, Andreas Meyer-Lindenberg, Jim van Os, Ilina Singh, Graham Thornicroft</i>	Wicklow Meeting Room 2
8:00AM – 9:30AM	S What is the solution to the energy crisis? You decide <i>Speakers: Karyn Morrissey, Rory Monaghan, Jamie Goggins, Henrike Rau, Mark Foley, David Taylor</i>	Wicklow Hall 2A
8:00AM – 9:30AM	N Female Researchers and Entrepreneurship: Why Does Gender Matter? <i>Speakers: Ellen Hazelkorn, Susanne Rostmark, Paula Fitzsimons, Petra Püchner</i>	Wicklow Hall 1
9:30AM – 10:30AM	K Keynote Address: Eric Karsenti "TARA-OCEANS: A world-wide study of oceanic plankton ecosystems" <i>Speakers: Dr. Eric Karsenti</i>	The Liffey B
9:30AM – 10:30AM	K Keynote Address: Mary Robinson "Equity and Climate Science" <i>Speakers: Mary Robinson</i>	Auditorium
10:45AM – 12:15PM	C Careers Programme Keynote Address: Daniel Funeriu "From science lab to science minister - a perspective" and the European Young Researchers' Awards <i>Speakers: Dr. Daniel Funeriu</i>	Auditorium

10:45AM – 12:15PM	E Hot Science 1	Wicklow Meeting Room 1
10:45AM – 12:15PM	S Archaeology meets radioactive waste <i>Speakers: Cornelius Holtorf, Erik Setzman, Anders Högberg, Patrick Charton</i>	Liffey Hall 2
10:45AM – 12:15PM	S Big Science for Small Countries <i>Speakers: Dr. Beatrix Vierkorn-Rudolph, Sean Sherlock T.D., Dr. H. Frederick Dylla, Prof. Patrick G. O'Shea, Prof. Ramon Pascual, Dr. Alastair Glass, Prof. Margaret Murnane, Prof. Richard Milner</i>	The Liffey B
10:45AM – 12:15PM	S Can we use genomic tools to select healthier livestock? <i>Speakers: Anne-Sophie Lequarre, Stephen Bishop, Donagh Berry, Martina Daly, Mary Poss, Nicole Mideo, Alain Vanderplasschen</i>	Ecocem Room
10:45AM – 12:15PM	S Exploding myths on nuclear reactor security, harm reduction and GMOs <i>Speakers: Dr Roland Schenkel, Prof. Anne Glover, Prof. Gerry Stimson, Dr David O'Reilly</i>	The Liffey A
10:45AM – 12:15PM	S Making gene and cell therapy medicines a reality <i>Speakers: Frank Hallinan, Michele Lipucci Di Paola, Dr. Sarah O'Meara</i>	Wicklow Hall 2A
10:45AM – 12:15PM	S Milk: Nature's perfect food? <i>Speakers: Catherine Stanton, Mark Fenelon, Bruce German</i>	Wicklow Meeting Room 2
10:45AM – 12:15PM	S We must all do something about mathematics! <i>Speakers: Eoin Gill, Paul Nugent, Steve Humble, Andrew Jeffrey, Fernando Blasco, Fiacre O'Cairbre</i>	Wicklow Meeting Room 3
10:45AM – 12:15PM	N Digital Innovation and Entrepreneurship: what next? <i>Speakers: Kieran O'Hea, Bill Liao, Jarmo Eskelinen, Sinclair Stockman, Neil Leyden, Lucinda Creighton</i>	Wicklow Hall 1
12:15PM – 1:15PM	K Keynote Address: A conversation with James Watson (Nobel laureate) <i>Speakers: Prof. James Watson, Prof. Luke O'Neill</i>	The Liffey B
12:15PM – 1:15PM	K Keynote Address: Alvaro Giménez Cañete "The Future of European Space Exploration" <i>Speakers: Leo Enright, Alvaro Giménez Cañete</i>	The Liffey A
12:15PM – 1:15PM	K Keynote Address: Enrico Giusti "Touching the Abstract; Mathematics at the Museum" <i>Speakers: Prof. Enrico Giusti</i>	Liffey Hall 2
12:15PM – 1:45PM	S Science and the future of cuisine <i>Speakers: Hervé This, Mark Post, Bill Yosses, Jill H. Pace</i>	Auditorium
1:15PM – 2:45PM	C Creating the ideal workplace for women researchers in STEM <i>Speakers: Dr. Virginija Sidlauskiene, Dr Anne Pépin, Caroline Roughneen, Ronan O'Beirne, Dr Sue Couling</i>	Liffey Hall 1
1:15PM – 2:45PM	C European Crucible: A catalyst for inter-disciplinary innovation and collaboration <i>Speakers: Alan Miller, Quentin Cooper, Ruth Neiland, Sara Shinton, Claire McNulty, Crucible Fellows, Gill Clark</i>	Wicklow Meeting Room 1
1:15PM – 2:45PM	S Africa: a scramble for natural resources or knowledge economy partnerships? <i>Speakers: Dr. Philip Campbell, Dr Bob Scholes, Dr Patrice Christmann, Dr Alan Belward, Ms Mmampei Mabusela</i>	The Liffey B
1:15PM – 2:45PM	S Atlantic ocean literacy: a grand challenge <i>Speakers: Albert Gerdes, Jan Seys, Evy Copejans, Peter Tuddenham, Ana Noronha</i>	Ecocem Room
1:15PM – 2:45PM	S Building a better athlete? <i>Speakers: Werner W. Franke, Michele Garfinkel, Julian Savulescu</i>	Wicklow Meeting Room 2
1:15PM – 2:45PM	S Emerging therapies for brain and retinal diseases <i>Speakers: Gerald Grant, Shomi Bhattacharya, Peter Humphries, Michael Farrell</i>	Wicklow Hall 2A

1:15PM – 2:45PM	S Scientists say...' but how do they know?	The Liffey A
	<i>Speakers: Juliet Stevens, Albert Yuan, Alaa Ibrahim, Tracey Brown</i>	
1:15PM – 2:45PM	S Water challenges for a changing world	Liffey Hall 2
	<i>Speakers: Enrique Playan, Luisa Prista, Laura Burke, Damia Barcelo, Durk Krol, Michael Depledge</i>	
1:15PM – 2:45PM	N Partnership Driving Innovation	Wicklow Hall 1
	<i>Speakers: Prof. Mark Ferguson, Michel Goldman, Prof Roger Whatmore, Christian Busch</i>	
1:15PM – 2:45PM	N The Invention Convention	Wicklow Hall 2B
1:30PM – 2:30PM	E Alien Deep - premiere of National Geographic documentary	Auditorium
2:45PM – 3:45PM	K Keynote Address: Marcus du Sautoy "The Secret Mathematicians"	The Liffey A
	<i>Speakers: Prof. Marcus du Sautoy</i>	
2:45PM – 3:45PM	K Keynote Address: Peter Doherty (Nobel Laureate) "Influenza: immunity and other issues"	Auditorium
	<i>Speakers: Prof. Peter Doherty</i>	
2:45PM – 3:45PM	K Keynote Address: Renée Schroeder "RNA as a key molecule for the origin of Life"	The Liffey B
	<i>Speakers: Prof. Renée Schroeder</i>	
4:00PM – 5:30PM	C Can outreach make you a better scientist?	Liffey Hall 1
	<i>Speakers: Claire Ainsworth, Jon Copley, Helen Goulding, Lena Raditsch</i>	
4:00PM – 5:30PM	C Engaging in a researcher's career in the 21st century	Wicklow Hall 2A
	<i>Speakers: Conor O'Carroll, Anil Kokaram, Maxime Durka, Suman-Lata Sahonta, Silvia Giordani, Dr. Daniel Funeriu</i>	
4:00PM – 5:30PM	E Dr Paul Janssen Award for Biomedical Research	Wicklow Meeting Room 2
	<i>Speakers: Seema Kumar</i>	
4:00PM – 6:00PM	P North America & Europe Symposium: The Atlantic - a Shared Resource	Auditorium
	<i>Speakers: Prof. John Delaney, Prof. Michael St John, Dr. Michael Crosby, Robert-Jan Smits, Dr Peter Heffernan</i>	
4:00PM – 5:30PM	S A gallery of monsters: fractals in finance, biology and engineering	Ecocem Room
	<i>Speakers: Richard Hudson, Bernard Sapoval, Marc-Olivier Coppens, Richard Olsen</i>	
4:00PM – 5:30PM	S Is science journalism dead or does it just smell funny?	The Liffey B
	<i>Speakers: Brian Trench, Nadia El-Awady, Wolfgang Goede, Elisabetta Tola, Martin Robbins</i>	
4:00PM – 5:30PM	S Sleep and depression	The Liffey A
	<i>Speakers: Axel Steiger, Peter Meerlo, Johannes Beck, Francesco Benedetti, Tarja Stenberg</i>	
4:00PM – 5:30PM	S Turing's Legacy: From the Science of Computation to Machines that Think	Liffey Hall 2
	<i>Speakers: Prof. Marcus du Sautoy, Prof. Mark Keane, Dr Freddy Lecue, Prof. Dermot Moran</i>	
4:00PM – 5:30PM	N What are the important criteria for successful open innovation?	Wicklow Hall 1
	<i>Speakers: Rick Wielens, Cynthia R. McIntyre, Gunnel Gustafsson, Rolf Annerberg, Michael Evan Goodsite, Bjørn-Ola Linnér, Tom Anders Stenbro</i>	
6:00PM – 7:00PM	K Keynote Address: Maj. Gen. Charles F. Bolden Jr. "NASA and a New Era of Space Exploration"	Auditorium
	<i>Speakers: Maj. Gen. Charles F. Bolden, Jr</i>	

JULY 13 • FRIDAY

8:00AM – 9:30AM	C How to make a successful transition from academia to industry	Liffey Hall 1
	<i>Speakers: John Walsh, Anita Maguire, Patricia Reilly, Gregory Sorensen, Leonard Hobbs, Jacques Bittoun, Karen Power</i>	
8:00AM – 9:30AM	S Beyond the Arab Spring: science and innovation in the Islamic world	Wicklow Hall 2A

8:00AM – 9:30AM	S	Speakers: Ehsan Masood, Michael Bond, Amran Muhammad, Priya Shetty How can technology transfer drive innovation?	The Liffey A
		<i>Speakers: Richard Hudson, Giancarlo Caratti, Gernot Klotz, Salvatore Tatarella, Erik Arnold</i>	
8:00AM – 9:30AM	S	Research Integrity: Developing codes of conduct for researchers	Wicklow Meeting Room 2
		<i>Speakers: Pieter Drenth, Melissa Anderson, Maura Hiney, Sabine Kleinert, Nicholas Steneck</i>	
8:00AM – 9:30AM	S	Scientific advice for European policy	The Liffey B
		<i>Speakers: Tracey Brown, Dr Milagros Candela, Prof. Nils Stenseth, Prof. Patrick Cunningham, Prof. Anne Glover, Prof. Sir Peter Gluckman</i>	
8:00AM – 9:30AM	S	The Future of Innovation Policy – Forging Policy in Uncertain Times	Liffey Hall 2
		<i>Speakers: John Bell, Martin Shanahan, Sean Sherlock T.D., Dr. Ken Guy</i>	
8:00AM – 9:30AM	S	The Young Academy movement	Wicklow Meeting Room 1
		<i>Speakers: Anna Sjöström Douagi, Nitsara Karoonuthaisiri, Martin Wilmking, Prof. Torsten Nils Wiesel, Helene Andersson Svahn</i>	
8:00AM – 9:30AM	S	Urban sustainability: Homo urbanis and crucibles of the future	Ecocem Room
		<i>Speakers: Brian Donnellan, John Tierney, Rob Kitchin, Lisa Wälitalo, David Boundy</i>	
8:00AM – 9:30AM	N	Master Class: Bringing Research to Market	Wicklow Hall 1
		<i>Speakers: Brian Kelly, Jean-David Malo, Elisabet Litsmark Nordenstam</i>	
9:30AM – 10:30AM	K	Keynote Address: Máire Geoghegan-Quinn "Collaboration, competition, connection - evidence of intelligent design in European science policy?"	Auditorium
		<i>Speakers: Máire Geoghegan-Quinn, Dr. Subra Suresh</i>	
10:45AM – 12:15PM	C	What is the future of the PhD in the 21st century?	Liffey Hall 1
		<i>Speakers: Gene Russo, Maresi Nerad, Mary McNamara, Michael Lenardo, Beate Scholz</i>	
10:45AM – 12:15PM	E	Hot Science 2: Shale gas fracking: Global problem or a global solution?	Wicklow Meeting Room 1
10:45AM – 12:45PM	P	ASEAN - EU Partnership Symposium: A Year of Science	Auditorium
		<i>Speakers: Máire Geoghegan-Quinn, Robert-Jan Smits, Dr. Yongyuth Yuthavong, Prof. Patrick Sorgeloos, Prof. Stephen Smith, Dr. Rudie Trienes, Yi Ling Hwong</i>	
10:45AM – 12:15PM	S	Can Responsible Research and Innovation expedite Europe's economic renewal?	Liffey Hall 2
		<i>Speakers: Waldemar Kütt, Uffe Toudal Pedersen, Massimo Marchiori, Graham Love</i>	
10:45AM – 12:15PM	S	Exploring promises and timescales in research and policy	Ecocem Room
		<i>Speakers: Claudia Schwarz, Ulrike Felt, Albert H. Teich, Prof. Helga Nowotny, Daniel Barben, Simone Schumann</i>	
10:45AM – 12:15PM	S	Modelling the impacts of innovation and knowledge	Wicklow Meeting Room 2
		<i>Speakers: Xabier Goenaga, Jacques Mairesse, Andries Brandsma, Werner Roeger, Roberta Capello</i>	
10:45AM – 12:15PM	S	Science without borders	Wicklow Hall 2A
		<i>Speakers: Dominique Ristori, Grace Naledi Mandisa Pandor, Alan Leshner, Prof John Wood</i>	
10:45AM – 12:15PM	S	Soil, land and food security: the challenges for science, economics and policy	The Liffey B
		<i>Speakers: Joachim von Braun, Rattan Lal, Ephraim Nkonya, Nicolas Gerber, Gretchen Daily</i>	
10:45AM – 12:15PM	S	The Emerging Arctic: a Challenge for Humankind	The Liffey A
		<i>Speakers: Prof. Dr. Hans-Wolfgang Hubberten, Prof. Terry Callaghan, Prof. Gail Fondahl, Prof. Paula Kankaanpää</i>	
10:45AM – 12:15AM	N	How can more SMEs engage in Horizon 2020 projects?	Wicklow Hall 1
		<i>Speakers: Bernd Reichart, Thomas Cooney, Sean Burke</i>	
12:15PM – 1:15PM	C	Reflections on Career Choices by Young Researchers	Liffey Hall 1

12:15PM – 1:15PM	K Keynote Address: Brian Greene "The State of String Theory" <i>Speakers: Prof. Brian Greene</i>	The Liffey B
12:15PM – 1:15PM	S An educational revolution to reveal scientific talent in Africa <i>Speakers: Thierry Zomahoun, Barry Green, Sarah Jackson</i>	The Liffey A
1:15PM – 2:45PM	C Role Models for Mobility: Portraits of Women from the Marie Curie Fellows Association <i>Speakers: Antonella Di Trapani, Giovanna Avellis, Maria Bostenaru Dan, Silvia Giordani, Natalia Balcazar</i>	Liffey Hall 1
1:15PM – 2:45PM	S Building an economy on good ideas <i>Speakers: Frank Ryan, Clive Cookson, Julia Lane, David Wilkinson</i>	The Liffey A
1:15PM – 2:45PM	S How do European RIs contribute to tackling grand societal challenges? <i>Speakers: Milena Žic Fuchs, Pär Omling, Martin Hrabé de Angelis</i>	Wicklow Meeting Room 2
1:15PM – 2:45PM	S Innovative Medicines Initiative: How European cohesion will help to promote IMI's education and training programmes <i>Speakers: Frederik Wittcock, Michel Goldman, Dimitri Corpakis, Tony Payton</i>	Liffey Hall 2
1:15PM – 2:45PM	S Is collaboration with Russia vitally important for Europe? <i>Speakers: Alik Izmail-Zadeh, Peter Tindemans, Vanessa Campo-Ruiz, Vladimir Burdyuzha</i>	Wicklow Hall 2A
1:15PM – 2:45PM	S Responsible Research and Innovation <i>Speakers: René von Schomberg, Jack Stilgoe, Richard Owen, Dave Guston, Jeroen van der Hoven, Fern Wickson</i>	Ecocem Room
1:15PM – 2:45PM	S The European Research Area: translating the aspiration into reality <i>Speakers: Octavi Quintana Trias</i>	The Liffey B
1:15PM – 2:45PM	S The Great Debate on the battle to feed a changing planet <i>Speakers: Prof Louise Fresco, Prof Lynn Frewer, Leo Enright, Edward Ouko, Prof Rajendra K. Pachauri, Prof Sir John Beddington, Prof Pamela C. Ronald</i>	Auditorium
1:15PM – 2:45PM	N The Power of the Purse - How innovative companies can take-off with public procurement <i>Speakers: Britta Thomsen, Maria da Graca Carvalho, Malcolm Harbour, Teresa Riera Madurell, Luke Georghiu, Marion Dewar</i>	Wicklow Hall 1
2:45PM – 3:45PM	K Keynote Address: Bob Geldof "Making a Difference" <i>Speakers: Sir Bob Geldof</i>	Auditorium
2:45PM – 3:45PM	K Keynote Address: Genevieve Bell "Wonder and Anxiety: charting our relationships with technology and the future" <i>Speakers: Dr. Genevieve Bell</i>	The Liffey B
2:45PM – 3:45PM	K Keynote Address: Helga Nowotny "The Usefulness of Useless Knowledge – and how to find uses and users" <i>Speakers: Prof. Helga Nowotny</i>	The Liffey A
4:00PM – 5:30PM	C How should Europe re-invent doctoral training? <i>Speakers: Conor O'Carroll, Debra Stewart, Maria-Christina Georgiadou, Miguel Jorge, Dries Maes, Suzanne Miller-Delaney</i>	Liffey Hall 1
4:00PM – 5:30PM	S Are university rankings real indicators of global competitiveness? <i>Speakers: Tony Mayer, Ben Sowter, Ellen Hazelkorn, Frank Ziegele, Bertil Andersson, John Wood</i>	The Liffey A
4:00PM – 5:30PM	S Debating the financial crisis: guessing or modelling? <i>Speakers: Francesca Campolongo, Wim Schoutens, Alex Kuczynski, Stephan Lechner</i>	The Liffey B
4:00PM – 5:30PM	S Is science driven policy making an achievable goal?	Wicklow Hall 2A

Speakers: Paul Rübige, Malcolm Harbour, Dominique Ristori, Jan Staman, Timothy M. Persons

4:00PM – 5:30PM	S Saving science education	Liffey Hall 2
	<i>Speakers: John Meadows, Christine Horner, Eugenio Torracca, Michela Mayer, Nadia Prauhart</i>	
4:00PM – 5:30PM	S Science crossing boundaries: the Nordic e-Science initiative	Wicklow Hall 2B
	<i>Speakers: Sverker Holmgren, Lars Börjesson, Quentin Cooper, Cherri Pancake, Dr. Beatrix Vierkorn-Rudolph, Depei Qian</i>	
4:00PM – 5:30PM	S Scientists and advocacy	Wicklow Meeting Room 1
	<i>Speakers: Daniel Sarewitz, David Goldston, Samuel Thornstrom</i>	
4:00PM – 5:30PM	S Time to simplify the representation of European research	Ecocem Room
	<i>Speakers: Peter Tindemans, Prof. Paul Boyle, Prof. Enric Banda, Octavi Quintana Trias</i>	
4:00PM – 5:30PM	N Paradigms of innovation that transform economies	Wicklow Hall 1
	<i>Speakers: Dr. Michael John Gorman, Prof. John Hegarty, Dr. Jouni Partanen, Dr. William Harris, Dr. Mary Walshok, Dr. Mats Nordlund</i>	
5:30PM – 6:30PM	K Debate on Scientific Publishing and Open Access	Auditorium
	<i>Speakers: Dr. Philip Campbell, Prof. Luke O'Neill, Dr. Alma Swan, Prof. Jos Engelen, Prof. Maria Leptin</i>	
7:00PM – 9:30PM	E Media Party	venue to be confirmed
7:00PM – 10:00PM	E Presidents' Dinner	Trinity College, Dublin
	<i>Speakers: Prof. Patrick Cunningham, Prof. Enric Banda</i>	

JULY 14 • SATURDAY

8:00AM – 9:30AM	C How to get a job in industry: straight-talking from leading research managers	Liffey Hall 1
	<i>Speakers: Leonard Hobbs, Mary Shire</i>	
8:00AM – 9:30AM	S The virtual future of healthcare	Ecocem Room
	<i>Speakers: Carl Johan Sundberg, Robin Teigland, Parvati Dev, Christopher Welch</i>	
8:00AM – 9:30AM	S Tomorrow's vaccines today	Wicklow Hall 2A
	<i>Speakers: David Klatzmann, André Habel, Odile Leroy, Alexander von Gabain</i>	
8:00AM – 9:30AM	S Volcanic eruptions and global fallout	The Liffey A
	<i>Speakers: Aoife Braiden, Massimo Cocco, Christopher Bean, Freysteinn Sigmundsson, Andreas Petzold, Ulrich Küppers</i>	
8:00AM – 9:30AM	S What should Europeans eat?	Liffey Hall 2
	<i>Speakers: Iris Erlund, Susan Jebb, Demosthenes B. Panagiotakos, Mikael Fogelholm</i>	
8:00AM – 9:30AM	S Why is the Universe so massive? The hunt for the Higgs at the LHC	The Liffey B
	<i>Speakers: Frank Close, Stephen Myers, Themis Bowcock, Tony Scott</i>	
8:00AM – 9:30AM	N How can you turn Astronomy into Business Clusters?	Wicklow Hall 1
	<i>Speakers: Grace Naledi Mandisa Pandor, Pallab Ghosh, Robert-Jan Smits, Roland Stark, Gerlinde Bedoe, Johan Eksteen</i>	
9:30AM – 10:15AM	E Gathering of Euroscience Travel Grant recipients	Wicklow Meeting Room 4
9:30AM – 1:00PM	E Science meets Poetry III	Trinity College, Dublin
	<i>Speakers: Jean Patrick Connerade, Iggy McGovern, Maurice Riordan, Christophe Goarant Correa de Sà</i>	
9:30AM – 10:30AM	K Keynote Address: Christian Keysers "The empathic brain"	The Liffey B
	<i>Speakers: Prof. Christian Keysers</i>	
9:30AM – 10:30AM	K Keynote Address: Lisa Randall "High Energies and Short Distances"	Auditorium
	<i>Speakers: Prof. Lisa Randall</i>	

9:30AM – 10:30AM	K	Keynote Address: Regina Palkovits "Biomass – a valuable feedstock of the future" <i>Speakers: Prof. Regina Palkovits</i>	The Liffey A
9:30AM – 10:45AM	S	Can Europe save the pharma industry? <i>Speakers: Prof. Mark Ferguson, Prof. Luke O'Neill, Dr. William Hait</i>	Wicklow Hall 2A
9:30AM – 10:45AM	S	Can we feed 9 billion people or will we starve? <i>Speakers: Bruce Osborne, Chris Leaver, Tom Arnold, Bill Davies, Jonathan Jones, Karin Metzlauff</i>	Liffey Hall 2
10:45AM – 12:15PM	C	Ethics in research – why is it important to me? <i>Speakers: Nicholas Steneck, Frank Cunningham, Maria Leptin, Snežana Krstić</i>	Liffey Hall 1
10:45AM – 12:45PM	E	Euroscience General Assembly and presentation of Rammal Award <i>Speakers: Peter Tindemans, Prof. Enric Banda</i>	Liffey Hall 2
10:45AM – 12:45PM	E	International Consortium of Research Staff Associations <i>Speakers: Gordon Dalton</i>	Ecocem Room
10:45AM – 12:15PM	E	Hot Science 3	Wicklow Meeting Room 1
10:45AM – 12:45PM	P	Africa & Europe Partnership Symposium: Science for Economic Development <i>Speakers: Grace Naledi Mandisa Pandor, Dr. Ismail Serageldin, Robert-Jan Smits, Dr. Lidia Brito, Dr. Romain Murenzi</i>	Auditorium
10:45AM – 12:15PM	S	Culture lab: the application of science to art and artefacts <i>Speakers: Sarah Everts, Costanza Miliani, Matija Strlic, Philippe Walter, Bernhard Serexhe</i>	The Liffey B
10:45AM – 12:15AM	S	Frontier Research: An extravagance or a necessity in times of recession? <i>Speakers: Thomas Sinkjaer, Ernst-Ludwig Winnacker, Dennis McKearin, Wilhelm Krull</i>	The Liffey A
10:45AM – 12:15PM	S	Open science - best practice in sharing the research process with the public <i>Speakers: Michael Kobel, Paul Hix, Ilse van Zeeland, Tom McCauley, Lynn Scarff</i>	Wicklow Hall 2A
10:45AM – 12:15PM	S	What is the impact of sustainable energy technologies? <i>Speakers: Samuela Vercelli, Salvatore Lombardi, David Jones, Jonathan Pearce, Sergio Persoglia, Camilla Svendsen Skriung, Cinzia De Vittor, Martin Krüger, Vassiliki Gemeni, John Morris, Julia West, Nick Riley</i>	Wicklow Hall 2B
10:45AM – 12:15PM	N	How to overcome the challenges facing the European IPR system? <i>Speakers: Alfred Radauer, Victor Rodriguez, Jeremy Philpott, Paul Rübzig, Michael Wurst</i>	Wicklow Hall 1
12:15PM – 1:15PM	S	What does art bring to science? <i>Speakers: Dr. Michael John Gorman, Andrea Bandelli, Clare Matterson, Josep Perelló</i>	The Liffey A
1:15PM – 2:45PM	C	All-aboard the Brain Train! Experiences of Europe's global scientific diaspora <i>Speakers: Patrick O'Shea, Izabella Zandberg, William Gallagher, Julie McEnergy, Isabel Otero</i>	Liffey Hall 1
1:15PM – 2:45PM	C	Boosting Frontier Research in Europe <i>Speakers: Carl Johan Sundberg, Simone Turchetti, Thomas Schaeffer, Leif Schroeder, André Mischke</i>	Wicklow Meeting Room 3
1:15PM – 2:45PM	E	Lost Down Memory Lane <i>Speakers: Dr. Hussein Manji</i>	Wicklow Meeting Room 1
1:15PM – 2:45PM	S	Are there realistic alternatives to animal testing? <i>Speakers: Andrea Haase, David Basketter, Roel Schins, Maurice Whelan, Mark Cronin</i>	Liffey Hall 2
1:15PM – 2:45PM	S	Conversations about science: the role of 'social media' <i>Speakers: Bora Zivkovic, Brian Trench, Martin Robbins, Ulrike Brandt-Bohne, Felix Bohne</i>	The Liffey B
1:15PM – 2:45PM	S	Mind the gap: connecting brain research to educational policy <i>Speakers: Quentin Cooper, Elisabet Nihlfors, Maria Slowey, Bruno della Chiesa, Catherine Odora</i>	Wicklow Hall 2B

Hoppers, Kenneth Abrahamsson, Asa Makitalo, Paul Howard-Jones

1:15PM – 2:45PM	S Particles, light and antimatter: new ways to battle cancer <i>Speakers: Carsten Welsch, Sara Tegami, José M. Espino</i>	The Liffey A
1:15PM – 2:45PM	S Quantum computing: the final frontier? <i>Speakers: Antonella Di Trapani, Antonio Acin, Szabolcs Csonka, Jeremy O'Brien, Jose Labastida</i>	Wicklow Meeting Room 2
1:15PM – 2:45PM	S Science and the protection of cultural heritage <i>Speakers: Susan Bioletti, Cristina Sabbioni, Sharon Cather, Debra Norris, Joyce Townsend, Prof. Ralph Mitchell</i>	Ecocem Room
1:15PM – 2:45PM	S Stem cells in personalised medicine <i>Speakers: Balazs Sarkadi, Gerald Schatten, Paula Salmikangas, Thierry Vandenriessche, Ludovic Vallier</i>	Wicklow Hall 2A
1:15PM – 2:45PM	N Impact of Open Innovation in PROs and Universities <i>Speakers: Alberto Di Minin, Ronald M. Wolf, Erik Arnold, Pat Frain, Salvatore Amico Roxas</i>	Wicklow Hall 1
2:45PM – 3:45PM	K Keynote Address: Kári Stefánsson "Understanding the Heel of Achilles" <i>Speakers: Prof. Kári Stefánsson</i>	Liffey Hall 2
2:45PM – 3:45PM	K Keynote Address: Rolf-Dieter Heuer "The search for a deeper understanding of our universe at the Large Hadron Collider: the World's Largest Particle Accelerator" <i>Speakers: Prof. Rolf-Dieter Heuer</i>	Auditorium
4:00PM – 5:30PM	C Research Careers in Europe: make your voice heard! <i>Speakers: Kitty Fehringer, Anna Karaoglou, Stefania Bettini, Ellen Pearce, Jean-Claude Burgelman</i>	Liffey Hall 1
4:00PM – 5:30PM	C South Eastern Europe Facing the Knowledge Society <i>Speakers: Georges Waysand, Raymond Seltz</i>	Ecocem Room
4:00PM – 5:30PM	S Are science journalists doing their job? <i>Speakers: Pallab Ghosh, Pallava Bagla, Veronique Morin, Natasha Mitchell</i>	Wicklow Hall 2A
4:00PM – 5:30PM	S Revealing the past: remote sensing techniques in archaeology <i>Speakers: Anthony Corns, Robert Shaw, Axel Posluschny, Jörg Bofinger, Kai-Christian Bruhn</i>	Wicklow Meeting Room 1
4:00PM – 5:30PM	S The emerging role of inflammation in diverse human diseases <i>Speakers: Kingston Mills, Kate Fitzgerald, Prof. Luke O'Neill, John O'Shea, Michael Lenardo</i>	Liffey Hall 2
4:00PM – 5:30PM	S The personal genome and the future of medicine <i>Speakers: Halldor Stefansson, Dr. Lars Steinmetz, Christof von Kalle, Barbara Janssens, Richard Tutton</i>	Auditorium
4:00PM – 5:30PM	S What is inquiry-based science education? <i>Speakers: Eilish McLoughlin, Tina Jarvis, Odilla Finlayson, Kara McGann, Margaret Farren</i>	Wicklow Hall 2B
4:00PM – 5:30PM	S What's so captivating about black holes? <i>Speakers: Kirpal Nandra, Thomas Mohaupt, Elizabeth Winstanley</i>	Wicklow Meeting Room 2
4:00PM – 5:30PM	N What do investors look for in business propositions? <i>Speakers: Brigitte Baumann, Michael Culligan, Thierry Baujard, Joe Greaney</i>	Wicklow Hall 1
5:30PM – 6:30PM	K Keynote Address: Craig Venter "From Reading to Writing the Genetic Code" <i>Speakers: Dr. Craig Venter</i>	Auditorium
5:45PM – 6:30PM	E Euroscience Science Writers Award Ceremony <i>Speakers: Prof. Enric Banda, Katja Ebeling</i>	Wicklow Meeting Room 4
6:30PM – 8:00PM	E ESOF Party	Liffey Suite

JULY 15 • SUNDAY

8:00AM – 9:30AM	S Ageing: from genome to sex	Liffey Hall 2
	<i>Speakers: Carmen Garcia Fernandez, Schumacher Björn, Paul Stewart, Alexei Maklakov, Eleni Zika, Virpi Lummaa</i>	
8:00AM – 9:30AM	S From smart homes to intelligent electrical grids	Ecocem Room
	<i>Speakers: Heinz Wilkening, Thomas Wolski, Luigi Debarberis, Joseph Durkan, António Aires Messias</i>	
8:00AM – 9:30AM	S Probiotics: alternative medicine or an evidence-based alternative?	Wicklow Hall 2A
	<i>Speakers: Paul Ross, Fergus Shanahan, Ted Dinan, Michiel Kleerebezem</i>	
8:00AM – 9:30AM	S The third mission of the University	Wicklow Meeting Room 1
	<i>Speakers: Andrea De Bortoli, Enrico Predazzi, Ginger Pinholster</i>	
9:30AM – 10:30AM	K Keynote Address: Huanming Yang "Genomics and 'the Century of Biology' "	Auditorium
	<i>Speakers: Prof. Huanming Yang</i>	
9:30AM – 10:30AM	K Keynote Address: Jocelyn Bell Burnell "We are made of star stuff"	The Liffey B
	<i>Speakers: Prof. Jocelyn Bell Burnell</i>	
10:45AM – 12:15PM	C Transferable skills for the commercial world: Would Einstein get hired today?	Liffey Hall 1
	<i>Speakers: Barbara Diehl, Dominic McDonald, Diane Scherzler M. A.</i>	
10:45AM – 12:45PM	P China & Europe Partnership Symposium: Science and the City of the Future	Auditorium
	<i>Speakers: Dr. Lisa Amini, Dr. Nan Shi, Dr. Carlo Ratti, Dr. Rusong Wang, Prof. Denise Pumain</i>	
10:45AM – 12:15PM	S Adaptation or extinction? Responses to radical climate changes	Liffey Hall 2
	<i>Speakers: Carmen Garcia Fernandez, Siwan Davies, Heather M. Stoll, Valentina Bosetti, Claudia Jesus-Rydin</i>	
10:45AM – 12:15PM	S How to motivate scientists to engage with the public	Wicklow Hall 2B
	<i>Speakers: Carl Johan Sundberg, Sophie Duncan, Camilla Modéer, Cissi Askwall, Giuseppe Pellegrini, Karin Larsson</i>	
10:45AM – 12:15PM	S The impact of ice sheet and ocean interactions on climate change	The Liffey A
	<i>Speakers: Paul Dunlop, Sara Benetti, Stephen McCarron, Hans Petter Sejrup, Colm O'Cofaigh</i>	
10:45AM – 12:15PM	N Action-based Entrepreneurship education: the way forward for SET students?	Wicklow Hall 1
	<i>Speakers: Frances Mitchell, Margaret Ledwith, Suzi Jarvis, Pierre Basseras, Danny Soetanto, Victor Scholten, Dap Hartmann, Alistair J. Fee, Michael Gilchrist</i>	
12:15PM – 1:15PM	S Mathematics you can hear	The Liffey B
	<i>Speakers: Robin Wilson, Ehrhard Behrends</i>	
1:15PM – 2:45PM	C Opportunities and challenges for the next generation of European scholars	Liffey Hall 1
	<i>Speakers: Pauline Mattsson, Niki Vermeulen, Ruth Müller, Dorthe Bomholdt Ravnsbaek, Natalia Borkowska, David Feltz</i>	
1:15PM – 2:45PM	S Ageing in Europe: Abyss or opportunity?	Wicklow Hall 2A
	<i>Speakers: Mikael Fogelholm, Jaanus Harro, David Nutt, Laura Fratiglioni</i>	
1:15PM – 2:45PM	S Can we survive a day without satellite navigation?	The Liffey A
	<i>Speakers: Dr Stephan Lechner, Prof Thomas Engel, Prof. Mike Hapgood, Juha-Pekka Luntama, Peter Gallagher, William Murtagh, David Perez-Suarez</i>	
1:15PM – 2:45PM	S Lost in translation	Liffey Hall 2
	<i>Speakers: John Finney, Chris Rapley, Karen Hallberg, Rosemary Randall</i>	
1:15PM – 2:45PM	S Sustainable green infrastructure: in seas and forests, from fields to cities	Ecocem Room
	<i>Speakers: Eeva Rebekka Furman, Isabel Sousa Pinto, Ilkka Hanski, Lawrence Jones-Walters, Shane Colgan, Maria-Luisa Paracchini, Sirpa Pietikäinen</i>	

1:15PM – 2:45PM	S The true cost of personalised cancer medicine	Wicklow Meeting Room 1
	<i>Speakers: William Gallagher, Karol Sikora, Elaine Kay, Iris Simon, Catherine Kelly</i>	
1:15PM – 2:45PM	S What will power Europe's future?	Wicklow Hall 2B
	<i>Speakers: Wolfgang Goede, Denis Delbecq, Barbara Drillsma, Mariko Takahashi, Jim Cornell, Fumio Arakawa, Viola Egikova</i>	
1:15PM – 2:45PM	N What should universities do to encourage more spin-outs and licensing arrangements?	Wicklow Hall 1
	<i>Speakers: Burton Lee, Kees Eijkel, Brian MacCraith, Zachary Miles</i>	
2:45PM – 3:45PM	K Keynote Address: Lars Steinmetz "The road from genomics to personalised medicine"	The Liffey B
	<i>Speakers: Dr. Lars Steinmetz</i>	
2:45PM – 3:45PM	K Science-2-Business Keynote Address: Pearse Lyons "Building a Billion-Dollar Business – a real-life story"	The Liffey A
	<i>Speakers: Dr. Pearse Lyons</i>	
4:00PM – 5:00PM	E Closing / Handover Ceremony	Auditorium
