

Time (SGT)	Tuesday, 17 January	Wednesday, 18 January	Thursday, 19 January	Friday, 20 January
0800	Breakfast & Registration (0800-0900)	Breakfast / Young Scientists Presentations / Small group informal sessions (by invite only) (0800-0900) <i>Prof Stuart Parkin Dr John Mather</i>	Breakfast / Young Scientists Presentations / Small group informal sessions (by invite only) (0800-0900) <i>Sir David Klenerman Prof Barry Marshall Prof Jack Dongarra</i>	Breakfast / Young Scientists Presentations / Small group informal sessions (by invite only) (0800-0900) <i>Sir David MacMillan Prof Thomas Südhof Prof Wendelin Werner</i>
0900	Opening (0900hrs-0930hrs) <i>Speech & Launch by Mr Heng Swee Keat, Deputy Prime Minister of Singapore, Chairman, National Research Foundation Singapore</i>	Plenary Lecture (0900-0945) "An Overview of High Performance Computing, the Importance of AI/ML and Future Requirements" <i>Prof Jack Dongarra</i>	Panel Discussion (0900-1030) "Careers Beyond Academia" <i>Dr John Mather Dr Zhou Lihan (MiRXES) Dr Shi Xu (Nanofilms)</i> Moderator: Dr Lim Jui (SGI)	Panel Discussion (0900-1030) "Science Communication" <i>Sir David Klenerman Prof Alison Woollard Prof Valerio Scarani (CQT)</i> Moderator: Mr Gene Tan (NLB)
0930	Opening Plenary Lecture (0930-1030) "Exoplanet revolution, exploring the consequence of a paradigm shift" <i>Prof Didier Queloz</i>			
1000				
Morning Break / Online Engagement (1030-1100)				
1030	[Online Engagement] <i>Singapore Centre for Environmental Life Sciences Engineering (SCELSE)</i> "SCELSE's impact on global issues"	[Online Engagement] <i>Centre for Quantum Technologies (CQT)</i> "Quantum computing, atom by atom"	[Online Engagement] <i>TUM CREATE</i> "We are hungry! – Our food needs innovation"	[Online Engagement] <i>Centre for Quantum Technologies (CQT)</i> "Quantum: Ask me anything"
1100	Plenary Lecture (1100-1145) "Structural insights into G protein coupled receptor activation" <i>Prof Brian Kobilka</i> Plenary Lecture (1145-1230) "Next Generation DNA Sequencing" <i>Sir David Klenerman</i>	Plenary Lecture (1100-1145) "Structures of Intermediates of the Cytochrome c Oxidase Reaction Cycle Suggest a Revolution" <i>Prof Hartmut Michel</i>	Plenary Lecture (1100-1145) "Opening the Infrared Treasure Chest with the James Webb Space Telescope" <i>Dr John Mather</i>	Plenary Lecture (1100-1145) "Towards understanding synapse formation in health and disease: Implications for neurodegeneration" <i>Prof Thomas Südhof</i> Plenary Lecture (1145-1230) "Chiral spin textures on the racetrack" <i>Prof Stuart Parkin</i>
1130		Plenary Lecture (1145-1230) "The Development of Asymmetric Organocatalysis and Metallaphotoredox" <i>Sir David MacMillan</i>	Plenary Lecture (1145-1230) "How bad luck, Incompetence and fraud, delayed a discovery by 100 years: Examples from the Nobel Prize in Medicine 2005 for the discovery of the bacteria which causes ulcers" <i>Prof Barry Marshall</i>	
1200				
1230	Lunch (1230-1330) / Online Engagement (1245-1330)			
1300	[Online Engagement] <i>Earth Observatory of Singapore (EOS)</i> "Promoting safer and more sustainable societies"	[Online Engagement] <i>St. John's Island National Marine Laboratory (SJINML)</i> "Engaging with marine scientists from SJINML"	[Online Engagement] <i>Mechanobiology Institute (MBI)</i> "I am a mechanobiologist in Singapore!"	[Online Engagement] <i>Singapore-ETH Centre (ETH)</i> "Network science-based analysis of pedestrian movement in multilevel urban districts"
1330	Plenary Lecture (1330-1415) "Lessons from a life in Science: How I stumbled on the secret of cell division" <i>Sir Tim Hunt</i> Plenary Lecture (1415-1500) "Random walk to Graphene" <i>Sir Andre Geim</i>	Plenary Lecture (1330-1415) "Bioethical implications of the Corona Pandemic" <i>Prof Aaron Ciechanover</i>	Plenary Lecture (1330-1415) "When randomly chosen objects can surprise us" <i>Prof Wendelin Werner</i>	Guest Lecture (1330-1430) "Science Communication: Why and How" <i>Prof Alison Woollard</i>
1400		Plenary Lecture (1415-1500) "The Fruits of Curiosity" <i>Prof Ada Yonath</i>	Plenary Lecture (1415-1500) "Recent Advances in the Design and Synthesis of Molecular Motors and Pumps" <i>Prof Fraser Stoddart</i>	
1430				Plenary Lecture (1430-1515hrs) <i>Sir Konstantin Novoselov</i>
Afternoon Break / Online Engagement (1500-1530)				
1500	[Online Engagement] <i>TUM CREATE</i> "CellFACE- Imaging-based flow cytometry for hidden haematology biomarkers"	[Online Engagement] <i>The French National Centre for Scientific Research (CNRS)@CREATE</i> "How organoids revolutionize biology and medicine, albeit posing challenges that outspan by far the field of life-sciences"	<i>Sharing by the Technology Academy Finland (TAF)</i> "Millennium Technology Prize 2022 and 2024 (1500-1530)"	
1530	Panel Discussion (1530-1700) "Revolutionary Tools for Science" <i>Prof Aaron Ciechanover Prof Didier Queloz Sir Konstantin Novoselov</i> Moderator: Prof Gisbert Schneider (ETH)	Panel Discussion (1530-1700) "Should Scientists comment on diplomacy and society?" <i>Sir Tim Hunt Sir Andre Geim Prof Chan Heng Chee</i> Moderator: Prof Leong Ching (NUS)	Small group sessions (by invite only) (1530-1630) <i>Sir Tim Hunt Sir Andre Geim Prof Hartmut Michel Prof Alessio Figalli</i>	Plenary Lecture (1530-1615) "Molecule-scale resolution in fluorescence microscopy" <i>Prof Stefan Hell</i>
1600		Plenary Lecture (1615-1700) "Optimal Transport: Math and Beyond" <i>Prof Alessio Figalli</i>		
1630				
1700	Young Scientists Presentations / Small group sessions (by invite only) (1700-1800) <i>Prof Brian Kobilka Sir Konstantin Novoselov Prof Aaron Ciechanover Prof Ada Yonath</i>	Young Scientists Presentations / Small group sessions (by invite only) (1700-1800) <i>Sir Fraser Stoddart Prof Alison Woollard Prof Didier Queloz Prof Stefan Hell</i>	Free and easy / Social Programme for on-site participants	Free and easy
1730				
1800	<i>Talk by United Nations Development Programme (UNDP)</i> "How science can support the Sustainable Development Goals" (1815-1845)			
1830	Free and easy / Dinner for on-site participants / Networking for online viewers (1800-1900)	On-site Poster Session and Dinner (1830-2000)		Closing Event @ FOC Sentosa (1800-2100)
1900				
2000				