

LINDAU NOBEL LAUREATE MEETINGS

> 71<sup>st</sup> Lindau Nobel Laureate Meeting

> > Programme

26 June – 1 July 2022

#### Sessions

Scientific sessions, social functions, partner events, networking breaks

#### Speakers

Nobel Laureates, young scientists, invited experts, moderators

#### Access

Guidance to all online viewing and participation options

#### Background

Everything else there is to know for a successful meeting

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## **ON-SITE**

Access to sessions may depend on participant type and pre-registration.

Please see the on-site programme (p. 8) and your personal agenda for details.

Where Q&A is offered, you may use microphones provided or ask your questions online at **qa.lindau-nobel.org** 

## **ONLINE**

Online participation and interaction is available for registered participants.

Please see the **online programme (p. 10)** for details.

Panel Discussions and Online Open Exchanges offer live video interaction. All other sessions are offer text questions and chat interaction.

> You can follow the programme and ask questions at live.lindau-nobel.org

## **PUBLIC**

Selected sessions are available for the public.

Please see the online programme (p. 10) for details.

The public programme is available at public.lindau-nobel.org

# Welcome

Pleasure to meet you. Finally! After two years of online only encounters, we are excited to welcome you to the beautiful island of Lindau. This is where the "Lindau spirit" happens. This is where the "Educate. Inspire. Connect." is meant to take place. Together, let us celebrate the 71<sup>st</sup> Lindau Nobel Laureate Meeting. Bridging borders, nationalities, ethnicities, languages, religions in times where it is needed, possibly more than ever before. Let us use this gathering in the sense of Alfred Nobel: "For the benefit of humankind".

## 6 PARTICIPATING LAUREATES

### PARTICIPATING LAUREATES 7



### 8 PROGRAMME OVERVIEW ON-SITE

## PROGRAMME OVERVIEW ON-SITE 9

<u>Time (Zones)</u>	Sunday, 26 June	Monday, 27 June	<u>Tuesday, 28 June</u>	Wednesday, 29 June	<u>Thursday, 30 June</u>	Friday, 1 July
07 B13/T14/C15 D10 <sup>10</sup> /N01/S22*		Partner Events         Break           • Austrian         Morning           Federal         Workout           Ministry of         Workout	Partner Events         Break           • Mars,         Morning           Incorparated         Workout           • Rolex SA         Morning	<u>Science Breakfast</u> Scientific Collaboration in Challenging Times	Partner Event         Break           • Toyota         Morning           Mobility         Workout           Foundation         Foundation	
08 B14/115/C16 D11#/N02/S234		Education • C5 Capital		Bruce, Schekman, Vetterli		Social Event Baden-Württemberg Boat Trip to Mainau Island hosted by the State of
09 E15/T16/C17 D12 <sup>30</sup> /N03/S24 <sup>3</sup>		Lecture Feringa		<u>Next Gen Science</u> presentations by young scientists	Lecture List	Baden-Württemberg
10 B16/T17/C18 D13 <sup>30</sup> /N04/S01		Lecture Strickland Lecture	Lecture Kaelin Lecture		Lecture Hell Lecture	
		Schmidt	Moerner		Lehn	
11 B17/T18/C19 D14 <sup>30</sup> /N05/S02	Opening Ceremony	A <u>aora Talk</u> • Frank • Ramakrishnan	A <u>gora Talk</u> • Ciechanover • Huber	<u>Agora Talk</u> • Warshel • Wüthrich	Lecture Novoselov Lecture	Panel Discussion The Diversity Challenge Günenç, Restrepo Schild,
12 B18/T19/C20 D15 <sup>10</sup> /N06/S03		Agora Talk	Agora Talk	Agora Taik	Schekman Life Lecture Yonath	Strickland, Wittung-Stafshede
13 B19/T20/C21 D16 <sup>16</sup> /N07/S04		• Agre • Ignarro	Neher     Schrock	Sheetman     Michel		Closing Ceremony Social Event
	<u>Reception</u> hosted by the Bavarian State Government	Break	Break	Break	Break	Science Picnic on the Arboretum Lawn hosted by the Ministry of Science,
14 B20/T21/C22 D17 <sup>30</sup> /N08/S05		City Reception	Lunch Break		Lunch Break	Education and the Arts, State of Baden-Württemberg
15 B21/T22/C23 D18 <sup>10</sup> /N09/S06	Lecture MacMillan Panel Discussion	Open Exchange	Panel Discussion	Panel Discussion	Open Exchange	
	Trust in Science, Trust in Chemistry Boetius, Gutenthaler,	Agre, Feringa, Frank, Ignarro, Ramakrishnan, Strickland <u>Science Walks</u>	Artificial Intelligence in Chemistry Levitt, Nigel, Paiz, Warshel	Catalysis & Green Chemistry Feng, Li, MacMillan, Schrock, Serrano	Hell, Lehn, List, Novoselov Schekman, Yonath	
16 B22/T23/C24 D19 <sup>30</sup> /N10/S07	Miserendino, Ramakrishnan, Schmidt					Social Event
17 B23/T24/C01-1 D20 <sup>30</sup> /N11/S08	Social Programme	Next Gen Science	Open Exchange	Open Exchange	Workshop	Baden-Württemberg Boat Trip to Lindau hosted by the State of
	Opening Concert hosted by the Republic of Austria	presentations by young scientists	Ciechanover, Huber, Kaelin, — MacMillan, Moerner, Neher, Schmidt, Schrock	Hershko, Levitt, Michel, Shechtman, Warshel, Wüthrich	Mentoring     Lindau Guidelines	Baden-Württemberg <u>Time Zones</u> The reference times on the left si
18 B24/T01 <sup>+1</sup> /C02 <sup>+1</sup> D21 <sup>30</sup> /N12/S09		_				are stated as Central European Summer Time (CEST). Additional times zones are
19 B01+1/T02+1/C03+1 D2210/N13/510	Social Programme	Social Programme	Social Programme Academic Partner Dinners	Heidelberg Lecture	Social Programme	provided as smaller print. B = Beijing (CST) T = Tokyo (JST)
<b>B</b> 02 <sup>+1</sup> /T03 <sup>+1</sup> /C04 <sup>+1</sup>	Dinner for young scientists	Get-Together	hosted by Academic Partners	Social Programme	Bavarian Evening hosted by the Free State of Bavaria	C = Canberra (AEST) D = Delhi (IST)
20 b02*/105*/004* D23 <sup>30</sup> /N14/S11	Foundation Dinner hosted by the Foundation Lindau Nobel Laureate Meetings		Grill & Chill hosted by the Lindau Nobel Laureate Meetings and supported by the City of Lindau	<b>Dinner</b> for young scientists		N = New York (EDT/DST) S = San Francisco (PDT/DST)
21 B03 <sup>14</sup> /T04 <sup>44</sup> /C05 <sup>14</sup> D00 <sup>10</sup> /N15/S12					_	-1 = day before +1 = day after 30 + plus 30 minutes

### **10** PROGRAMME OVERVIEW ONLINE

## PROGRAMME OVERVIEW ONLINE 11

<u>Time (Zon</u>	nes)	Sunday, 26 June	Monday, 27 June	Tuesday, 28 June		Wednesday, 29 June	Thursday, 30 June	Friday, 1 July	
07 D109	/ T14 / C15 <sup>30</sup> / N01 / S22*					<u>Science Breakfast</u> Scientific Collaboration in Challenging Times			
$08  \frac{\text{B14}}{\text{D11}^3}$	/ T15 / C16 <sup>30</sup> / N02 / S23 <sup>-1</sup>					Bruce, Schekman, Vetterli			
09 B15/ D12 <sup>n</sup>	/ T16 / C17 <sup>10</sup> / N03 / S24 <sup>-1</sup>		Lecture Feringa		_	<u>Next Gen Science</u> presentations by young scientists	Lecture List		
10 B16/	/ T17 / C18 <sup>10</sup> / N04 / S01		Lecture Strickland	Lecture Kaelin Lecture			Lecture Hell Lecture		
			Schmidt	Moerner			Lehn		
11 B17/D1430	/T18/C19 °/N05/S02		Agora Talk • Frank • Ramakrishnan	Agora Talk • Ciechanover • Huber		<u>Agora Talk</u> • Warshel • Wüthrich	<u>Lecture</u> Novoselov	Panel Discussion The Diversity Challenge	
12 B18/	/ T19 / C20 10 / N06 / S03	<u>Opening Ceremony</u>			_		Lecture Schekman Life Lecture	Günenç, Restrepo Schild, Strickland, Wittung-Stafshede	
13 B19/	/ T20 / C21		Agora Talk • Agre • Ignarro	Agora Talk • Neher • Schrock		<u>Agora Talk</u> • Shechtman • Michel	Yonath	<u>Closing Ceremony</u>	
<b>L)</b> D16 <sup>3</sup>	<sup>10</sup> / N07 / S04								
14 B20/	/ T21 / C22 10 / N08 / S05								
15 <sup>B21/</sup>	/ T22 / C23 10 / N09 / S06	<u>Lecture</u> MacMillan							
		Panel Discussion Trust in Science, Trust in Chemistry	<u>Open Exchange Online</u> Chalfie	Panel Discussion Artificial Intelligence in Chemistry		Panel Discussion Catalysis & Green Chemistry			Sessions colored in orange are publicly available at <b>public.lindau-nobel.org</b>
16 B22/	/T23/C24 / N10/S07	Boetius, Gutenthaler, — Miserendino, Ramakrishnan, Schmidt	-	Levitt, Nigel, Paiz, Warshel		Feng, Li, MacMillan, Schrock, Serrano			
17 B23 /	/ T24 / C01+1 10 / N11 / S08		Next Gen Science	Open Exchange Online		Open Exchange Online	Workshop		
			presentations by young scientists	Chu, Kobilka		Blackburn, Marcus	Mentoring     Lindau Guidelines		<u>Time Zones</u> The reference times on the left sic
18 <sup>B24</sup> / <sub>D21<sup>s</sup></sub>	/ T01 <sup>+1</sup> / C02 <sup>+1</sup>			_					are stated as Central European Summer Time (CEST). Additional times zones are
19 BO1*1	<sup>1</sup> /T02 <sup>+1</sup> /C03 <sup>+1</sup>	Social Programme	<u>Social Programme</u>	Social Programme	_	Heidelberg Lecture	Social Programme		provided as smaller print. B = Beijing (CST)
B02*5		Online Meet-Up	International Get-Together hosted by the United Kingdom	Networking Workshop		Zelmanov	Bavarian Evening with Brian Malow hosted by the Free State of Bavaria		T = Tokyo (JST) C = Canberra (AEST) D = Delhi (IST)
20 <sup>B02+3</sup>			[Programme Part]						N = New York (EDT/DST) S = San Francisco (PDT/DST)
21 B03+2	<sup>1</sup> /T04 <sup>+1</sup> /C05 <sup>+1</sup> <sup>10</sup> /N15/S12						_		-1 = day before +1 = day after 30 + plus 30 minutes

## **12** MEETING PROGRAMME SUNDAY JUNE 26

Opening Ceremony	<b>Opening of the 71<sup>st</sup> Lindau Nobel Laureate Meeting</b> Welcome	<b>Panel I</b> 15.00
11.30	Countess Bettina Bernadotte, President of the Council	Inselha
Inselhalle	Greetings from Stockholm Laura Sprechmann, CEO of Nobel Prize Outreach, Sweden	
	Welcome Speech Bettina Stark-Watzinger, German Federal Minister of Education and Research	
	Sketches of Science Volker Steger, Adam Smith & Countess Bettina Bernadotte	
	<b>Programme Preview</b> Wolfgang Lubitz, Scientific Chairperson 71 <sup>st</sup> Lindau Nobel Laureate Meeting Valeria Nicolosi, Scientific Chairperson 71 <sup>st</sup> Lindau Nobel Laureate Meeting Pernilla Wittung-Stafshede, Scientific Chairperson 71 <sup>st</sup> Lindau Nobel Laureate Meeting	
	Bavarian Greetings and Invitation to the Reception	16.30
	Markus Blume, Bavarian State Minister of Science and the Arts, Bavaria	Openir
	Master of Ceremony: Adam Smith	•
	Nobel Prize Outreach, Sweden	17.00 Stadtth
Social Event	Reception	Stautth
13.00	hosted by the Bavarian State Government	
Inselhalle		C
<b>///</b>		Social I
		19.00 - 2
Lecture	The Path to Invention and Discovery in Catalysis	Inselha
14.30	Sir David W.C. MacMillan	<u>III</u>
Inselhalle	Princeton University, United States of America	

Panel Discussion	Trust in Science, Trust in Chemistry
15.00 Inselhalle	Antje Boetius Alfred Wegener Institute, Germany
	Sophie Marie Gutenthaler Ludwig Maximilian University of Munich, Germany
	María Clara Miserendino Universidad Nacional de Córdoba, Argentina
	Venki Ramakrishnan MRC Laboratory of Molecular Biology, United Kingdom
	Brian P. Schmidt The Australian National University, Australia
	Moderator: Adam Smith Nobel Prize Outreach, Sweden
16.30	Break
Opening Concert	Concert
17.00	hosted by the Republic of Austria
Stadttheater	Ensemble of the Vienna Philharmonic
	<b>Welcome</b> Martin Polaschek, Austrian Federal Ministry of Education, Science and Research
Social Event	Dinner
19.00 - 22.00 Inselhalle	Access: young scientists
Online Event	Online Meet-up
19.00 - 22.00 wonder.me	See <u>live.lindau-nobel.org</u> for details.

## Chamber Music VIENNA PHILHARMONIC Opening Concert

www.lindau.nobel.org

Greetings by Martin Polaschek Federal Minister of Education, Science and Research, Austria

<b>Morning Workout</b> 07.00 Oscar-Groll-Anlage	Activate
Partner Event	Chemical Data Provide Information
07.00	About Astronomical Events in the Geological Record
Hotel Bayer. Hof	hosted by the Austrian Federal Ministry of Education, Science and Research
	W.E. Moerner Stanford University, United States of America
	Hipassia Moura University of Konstanz, Germany
	Moderator: Christian Köberl University of Vienna, Austria
Partner Event	New Outlook on Nuclear Fusion to Combat Climate Change
07.00	hosted by C5 Capital
Hotel Bayer. Hof	Ian Chapman UK Atomic Energy Authority (UKAEA), United Kingdom
	Tom Scott UK Atomic Energy Authority (UKAEA) and Royal Academy of Engineering Research Chair in Advancing the Fusion Energy Fuel Cycle, United Kingdom
	David Kingham Executive Vice Chairman and a Co-Founder of Tokamak Energy, United Kingdom
	Moderator: André Pienaar C5 Capital, United Kingdom
Lecture	The Joy of Discovery
09.00	Ben L. Feringa
Inselhalle	University of Groningen, The Netherlands
Lecture	Generating High-Intensity, Ultrashort Optical Pulses
09.30	Donna Strickland
Inselhalle	University of Waterloo, Canada
Lecture	Astronomy in 2022
10.00	Brian P. Schmidt
Inselhalle	The Australian National University, Australia

10.30	Break
Agora Talk	The Quest for the Structure of the Ribosome: Nature's Ancient Protein Factory
Inselhalle	Venki Ramakrishnan MRC Laboratory of Molecular Biology, United Kingdom
	Moderator: Adam Smith Nobel Prize Outreach, Sweden
Agora Talk	Biological Molecules Captured in Motion by Cryo-EM
11.00 Inselhalle	Joachim Frank Columbia University, United States of America
	Moderator: Valeria Nicolosi Trinity College Dublin, Ireland
11.45	Break
Agora Talk	Dr. NO – The Discovery That Led to a Nobel Prize and Viagra
12.15 Inselhalle	Louis J. Ignarro University of California, United States of America
	Moderator: Adam Smith Nobel Prize Outreach, Sweden
Agora Talk	Aquaporin Water Channels and Medical Science in Africa
12.15 Inselhalle	Peter Agre Johns Hopkins Malaria Research Institute, United States of America
	Moderator: Stefan Kaufmann Max Planck Institute for Infection Biology, Germany
13.00 Inselhalle	Lunch Break hosted by United Kingdom
Science Walks	Science Walks
14.45	Meeting Point: main entrance of the Inselhalle.
	Access: Nobel Laureates, young scientists with online pre-registration only.
	Please see your personal agenda for details.

## **18** MEETING PROGRAMME MONDAY JUNE 27

Open Exchange	Open Exchange with Peter Agre	Next Gen Science	Research by Young Scientists
15.00 Inselhalle	Discussion with young scientists	17.00 Stadttheater	Light-Directed Synthesis of Complex Nucleic Acid Libraries Erika Schaudy University of Vienna, Austria
<b>Open Exchange</b> 15.00 Hotel Bayer. Hof	<b>Open Exchange with Ben L. Feringa</b> Discussion with young scientists		Models and Measurements to Decipher Initiation Modes of Operonic mRNA Translation Yonatan Chemla MIT Massachusetts Institute of Technology, United States of America
<b>Open Exchange</b> 15.00 Hotel Bayr. Hof	<b>Open Exchange with Joachim Frank</b> Discussion with young scientists		Developing Covalent Biologics Through Genetic Code Expansion for Cancer Therapeutics and Diagnostics Paul Klauser University of California, San Francisco, United States of America
<b>Open Exchange</b> 15.00	<b>Open Exchange with Louis J. Ignarro</b> Discussion with young scientists		Therapeutics stragies for erythropoietic protoporphyria (EPP) François Halloy University of Oxford, United Kingdom
Inselhalle Open Exchange	Open Exchange with Venki Ramakrishnan		Sustainable Biodegradable Materials and Devices Integrating Energy Conversion and Storage Abdelaziz Gouda University of Toronto, Canada
15.00 Inselhalle	Discussion with young scientists		Turning Waste Commodity Plastics Into Resources for a Sustainable Future Jason Lim Institute of Materials Research and Engineering (IMRE), Singapore
<b>Open Exchange</b> 15.00 Inselhalle	<b>Open Exchange with Donna Strickland</b> Discussion with young scientists		Smart Rust Makes Clean Water Lukas Müller Friedrich-Alexander-University Erlangen-Nuremberg, Germany
Open Exchange Online	Open Exchange Online with Martin Chalfie		Moderator: Christoph Schumacher Alumni & Community Manager, Lindau Nobel Laureate Meetings, Germany
15.00 Zoom	Discussion with young scientists Host: Suzanne Devkota Cedars-Sinai Medical Center, United States	18.30	Break
	See <u>live.lindau-nobel.org</u> for details.		
16.30	Break		

## International Day UNITED KINGDOM

We are honoured that the United Kingdom is hosting the 2022 International Day of the Lindau Nobel Laureate Meetings.

## **22** MEETING PROGRAMME MONDAY JUNE 28

## **TUESDAY JUNE 28 MEETING PROGRAMME 23**

<b>Social Event</b> 9.00 - 23.30	International Get-Together hosted by United Kingdom	Morning Workout	Innervate	
nselhalle	Master of Ceremony: Adam Smith Nobel Prize Outreach, Sweden	Oscar-Groll-Anlage		
	Welcome Countess Bettina Bernadotte, President of the Council	Partner Event	How Can Chemistry Unlock Meaningful Insights in Health and Nutrition?	
	Welcoming Remarks Andre Pienaar, C5 Capital, United Kingdom	Forum am See	hosted by Mars, Incorporated Aaron Ciechanover	
	<b>Welcome Address</b> Sir Peter Bruce, Physical Secretary & Vice President, Royal Society, United Kingdom		Technion - Israel Institute of Technology, Israel Lena Neufeld Tel Aviv University Jacab	
	Science in the United Kingdom Sir Peter Bruce, Andre Pienaar, Venki Ramakrishnan & Adam Smith		Tel Aviv University, Israel Hagen Schroeter Chief Science Officer at Mars Edge, United States of America	
	<b>Cultural Performance</b> The First Leiblach Valley Pipes and Drums The Bodensee Players		Moderator: Adam Smith Nobel Prize Outreach, Sweden	
	British Dinner	Partner Event	<b>Excellence in Science and Exploration</b> <i>hosted by Rolex SA</i>	
		Hotel Bayer. Hof	Gina Moseley University of Innsbruck, Austria	
			Brian P. Schmidt The Australian National University, Australia	
			Moderator: Faith McLellan Scientific writer and editor, Switzerland	
		Lecture 09.30	The VHL Tumor Suppressor Protein: Insights into Oxygen Sensing and Intercellular Communication	
		Inselhalle	William G. Kaelin, Jr. Harvard Cancer Center, United States of America	
		Lecture	What Can Single Molecules Tell Us About Coronavirus RNA and Cryo-Electron Tomography?	
		Inselhalle	W.E. Moerner Stanford University, United States of America	
		10.30	Break	

## 24 MEETING PROGRAMME TUESDAY JUNE 28

Agora Talk	The COVID-19 Pandemic and Bioethics
11.00	Aaron Ciechanover
Inselhalle	Technion - Israel Institute of Technology, Israel
	Moderator: Stefan Kaufmann Max Planck Institute for Infection Biology, Germany
Agora Talk	The Century of Vision in Molecular Biology
11.00	Robert Huber
Inselhalle	Max Planck Institute of Biochemistry, Germany
	Moderator: Wolfgang Lubitz
	Max Planck Institute for Chemical Energy Conversion, Germany
11.45	Break
Agora Talk	Synaptic Plasticity: Short- and Longterm
12.15	Erwin Neher
Inselhalle	Max Planck Institute for Biophysical Chemistry, Germany
	Moderator: Stefan Kaufmann
	Max Planck Institute for Infection Biology, Germany
Agora Talk	Tungstacyclopentane Ring-Contraction Yields
12.15	Olefin Metathesis Catalysts and More
Inselhalle	Richard R. Schrock
	MIT Massachusetts Institute of Technology, United States of America
	Moderator: Wolfgang Lubitz
	Max Planck Institute for Chemical Energy Conversion, Germany
13.00	Lunch Break
Inselhalle	
<b>P</b>	
13.15	Laureate Lunches
Various Locations	
Various Locations	Access: Nobel Laureates, young scientists with online pre-registration only

<b>Panel Discussion</b> 15.00 Inselhalle	Artificial Intelligence in Chemistry Michael Levitt Stanford University, United States of America Neo Neng Kai Nigel National University of Singapore, Singapore Paulina Paiz University of California, San Francisco, United States of America Arieh Warshel University of Southern California, United States of America Moderator: Gunnar Schröder Forschungszentrum Jülich, Germany
16.30	Break
<b>Open Exchange</b> 17.00 Inselhalle	<b>Open Exchange with Aaron Ciechanover</b> Discussion with young scientists
<b>Open Exchange</b> 17.00 Hotel Bayer. Hof	<b>Open Exchange with Robert Huber</b> Discussion with young scientists
<b>Open Exchange</b> 17.00 Inselhalle	<b>Open Exchange with William G. Kaelin, Jr.</b> Discussion with young scientists
<b>Open Exchange</b> 17.00 Inselhalle	<b>Open Exchange with Sir David W.C. MacMillan</b> Discussion with young scientists
<b>Open Exchange</b> 17.00 Hotel Bayer. Hof	<b>Open Exchange with W.E. Moerner</b> Discussion with young scientists
<b>Open Exchange</b> 17.00 Hotel Bayer. Hof	<b>Open Exchange with Erwin Neher</b> Discussion with young scientists

## **26** MEETING PROGRAMME TUESDAY JUNE 28

<b>Open Exchange</b> 17.00 Forum am See	<b>Open Exchange with Brian P. Schmidt</b> Discussion with young scientists
<b>Open Exchange</b> 17.00 Hotel Bayer. Hof	<b>Open Exchange with Richard R. Schrock</b> Discussion with young scientists
<b>Open Exchange</b> <b>Online</b> 17.00 Zoom	<b>Open Exchange Online with Steven Chu</b> Discussion with young scientists Host: Susannah Bourne-Worster University of Bristol, United Kingdom See <u>live.lindau-nobel.org</u> for details.
Open Exchange Online 17.00 Zoom	<b>Open Exchange Online with Brian K. Kobilka</b> Discussion with young scientists Host: Casper de Lichtenberg University of Copenhagen, Denmark See <u>live.lindau-nobel.org</u> for details.
18.30 <b>Social Event</b> 19.00 - 22.00	Break Academic Dinners upon invitation of the Academic Partners Academic built invitation only
Various Locations	Access: by invitation only Please see your personal agenda for details.

Social Event	Grill & Chill: Connecting Cultures
19.00 - 22.00	upon invitation of the Lindau Nobel Laureate Meetings
Toskanapark 1970	Access: by invitation only Please see your personal agenda for details.
Online Event	Networking Workshop
19.00 - 21.00	See live.lindau-nobel.org for details.
Science Breakfast	Scientific Collaboration in Challenging Times
07.00	hosted by Lindau Nobel Laureate Meetings
Inselhalle	Sir Peter Bruce Physical Secretary & Vice President, Royal Society, United Kingdom
	Randy W. Schekman University of California, Berkeley, United States of America
	Martin Vetterli President, Ecole Polytechnique Fédérale de Lausanne, Switzerland
	And young scientists from the audience
	Moderator: Adam Smith Nobel Price Outreach, Sweden

Tonight ACADEMIC DINNERS GRILL & CHILL Tuesday, June 28, 19.00 CEST

ASTER A

Next Gen Science	Research by Young Scientists
09.00 Inselhalle	Mechanisorption: Storing Energy in Non-Equilibrium Materials Through Active Adsorption Liang Feng Northwestern University, United States of America
	Deciphering Biochemical Amino Acid Synthesis Robert Mayer Université de Strasbourg, France
	Accelerating Organic Synthesis with Chemical Language Models Philippe Schwaller École Polytechnique Fédérale de Lausanne (EPFL), Switzerland
	Discovering Photochemical Reactions With Machine Learning Julia Westermayr University of Warwick, United Kingdom
	Atomically Precise Synthesis of Single-Wall Carbon Nanotube Fragments Han Yi National University of Singapore, Singapore
	Direct Catalytic Copolymerization of Ethylene With Carbon Monoxide to Polyethylene Materials With In-chain Ketones Maximilian Baur University of Konstanz, Germany
	Metal Electrodes in Complex Organic Synthesis Sebastian Beil University of Groningen, Netherlands
	Moderator: Christoph Schumacher Alumni & Community Manager, Lindau Nobel Laureate Meetings, Germany
10.30	Break
<b>Agora Talk</b> 11.00 Inselhalle	Multi Scale and Artificial Intelligence Studies of Biological Systems Arieh Warshel University of Southern California, United States of America
	Moderator: Pernilla Wittung-Stafshede Chalmers University of Technology, Sweden

<b>Agora Talk</b>	Protein Large-Amplitude Dynamics by NMR Spectroscopy in Solution		
Inselhalle	Kurt Wüthrich The Scripps Research Institute (TSRI), United States of America		
	Moderator: Valeria Nicolosi Trinity College Dublin, Ireland		
11.45	Break		
Agora Talk	Quasi-Periodic Materials – A Paradigm Shift in Crystallography		
12.15 Inselhalle	Dan Shechtman Technion - Israel Institute of Technology, Israel		
	Moderator: Rainer Blatt University of Innsbruck, Austria		
Agora Talk	Structures of Intermediates of the Cytochrome C Oxidase Reaction Cycle Suggest a Revolution		
Inselhalle	Hartmut Michel Max Planck Institute of Biophysics, Germany		
	Moderator: Pernilla Wittung-Stafshede Chalmers University of Technology, Sweden		
13.00 Inselhalle	Lunch Break		
13.15	Laureate Lunches		
Various Locations	Access: Nobel Laureates, young scientists with online pre-registration only.		
	Please see your personal agenda for details.		

## **32** MEETING PROGRAMME WEDNESDAY JUNE 29

Panel Discussion	Catalysis & Green Chemistry	
15.00 Inselhalle	Liang Feng Northwestern University, United States of America	
	Jiangnan Li University of Manchester, United Kingdom	
	Sir David W.C. MacMillan Princeton University, United States of America	
	Richard R. Schrock MIT Massachusetts Institute of Technology, United States of America	
	Carla Casadevall Serrano University of Cambridge, United Kingdom	
	Moderator: Claire O'Connell Freelance Science Writer, Ireland	
16.30	Break	
Open Exchange	Open Exchange with Avram Hershko	
17.00	Lessons From the Discovery of the Ubiquitin System	
Inselhalle	Discussion with young scientists	
Open Exchange	Open Exchange with Michael Levitt	
17.00	Discussion with young scientists	
Inselhalle		
Open Exchange	Open Exchange with Hartmut Michel	
17.00	Discussion with young scientists	
Hotel Bayer. Hof		
Open Exchange	Open Exchange with Dan Shechtman	
17.00	Discussion with young scientists	
Hotel Bayer. Hof		
Open Exchange	Open Exchange with Arieh Warshel	
17.00 Inselhalle	Discussion with young scientists	

<b>Open Exchange</b> 17.00 Hotel Bayer. Hof	pen Exchange with Kurt Wüthrich scussion with young scientists		
<b>Open Exchange</b> <b>Online</b> 17.00 Zoom	<b>Open Exchange Online with Elizabeth H. Blackburn</b> Discussion with young scientists Host: Nataly Nasr Al Deen Washington University St. Louis, United States of America See <u>live.lindau-nobel.org</u> for details.		
<b>Open Exchange</b> <b>Online</b> 17.00 Zoom	<b>Open Exchange Online with Rudolph A. Marcus</b> Discussion with young scientists Host: Katharina Ehrmann Queensland University of Technology (QUT), Australia See <u>live.lindau-nobel.org</u> for details.		
18.30 Heidelberg Lecture 19.00 Inselhalle	Break Mathematics: Science or Art? Efim I. Zelmanov University of California, San Diego, United States of America		
Social Event 19.45 - 21.30 Inselhalle	<b>Dinner</b> Access: young scientists		

## **Present Your Research** NEXT GEN SCIENCE

Monday, June 27, 17.00 CEST Wednesday, June 29, 09.00 CEST

Morning Workout	Mobilate	
07.00		
Oscar-Groll-Anlage		
Partner Event	Hydrogen: Energy Carrier and Fuel for a Sustainable World	
07.00	hosted by Toyota Mobility Foundation	
Hotel Bayer. Hof	Nobuhiko Koga Chief Officer, Frontier Research Center, Toyota Motor Corporation, Japan	
	Hartmut Michel Max Planck Institute of Biophysics, Germany	
	Julia Müller-Hüllstede German Aerospace Center (DLR), Germany	
	Moderator: Werner Tillmetz University of Ulm, Germany hzconnect.eco Bodensee	
Lecture	Toward Universal Catalysts for Selective Synthesis	
09.00 Inselhalle	Benjamin List Max-Planck-Institut für Kohlenforschung, Germany	
Lecture	Molecular-Scale Resolution in Fluorescence Microscopy	
09.30 Inselhalle	Stefan W. Hell Max Planck Institute for Multidisciplinary Sciences , Germany	
Lecture	Perspectives in Chemistry – Supramolecular Chemistry	
10.00	And Beyond	
Inselhalle	Jean-Marie Lehn University of Strasbourg, France	
10.30	Break	
Lecture	Materials for the Future	
11.00	Sir Konstantin S. Novoselov	
Inselhalle	National University of Singapore, Singapore	

Lecture	Tackling Parkinson's Disease With Basic Science	
11.30 Inselhalle	Randy W. Schekman University of California, Berkely, United States of America	
Life Lecture	ecture The Everest Beyond the Everest	
12.00 Inselhalle	Ada E. Yonath Weizmann Institute of Science, Israel	
12.45 Inselhalle	Lunch Break	
13.00	Laureate Lunches	
Various Locations	Access: Nobel Laureates, young scientists with online pre-registration only.	
	Please see your personal agenda for details.	
Science Walks	Science Walks	
14.45	Meeting Point: main entrance of the Inselhalle.	
	Access: Nobel Laureates, young scientists with online pre-registration only.	
	Please see your personal agenda for details	
Open Exchange	Open Exchange with Stefan W. Hell	
15.00 Inselhalle	Discussion with young scientists	
Open Exchange	Open Exchange with Jean-Marie Lehn	
15.00 Inselhalle	Discussion with young scientists	
Open Exchange	Open Exchange with Benjamin List	
15.00 Inselhalle	Discussion with young scientists	

## **38** MEETING PROGRAMME THURSDAY JUNE 30

### THURSDAY JUNE 30 MEETING PROGRAMME 39

	National University of Singapore, Singapore Iris Odstricil		
	Sir Konstantin S. Novoselov National University of Singapore, Singapore		
	Ben Nelson Minerva University, United States of America		
17.00 Hotel Bayer. Hof	Michael Mărgineanu Victor Babeș University of Medicine, Romania		
Workshop	Mentoring		
	Moderator: Wolfgang Huang Director Executive Secretariat, Lindau Nobel Laureate Meetings		
	Christian Schumacher RWTH Aachen, Germany		
17.00 Forum am See	Elizabeth H. Blackburn University of California, San Francisco, United States of America		
Workshop	Lindau Guidelines		
16.30	Break	19.00 - 22.00	See live.lindau-nobel.org for details.
Inselhalle		Online Event	Interactive Bavarian Evening with Brian Malow
15.00	Discussion with young scientists		Bavarian Dinner
Hotel Bayer. Hof Open Exchange	Open Exchange with Ada E. Yonath		Bavarian Music & Folk Dance 5er Blech Trachtenverein Altusried
15.00	Discussion with young scientists		Welcome Address Government of the Free State of Bavaria
Open Exchange	Open Exchange with Randy W. Schekman		Countess Bettina Bernadotte, President of the Council
15.00 Hotel Bayer. Hof	Discussion with young scientists	19.00 - 22.00 Inselhalle	hosted by the Free State of Bavaria Welcome
Open Exchange	Open Exchange with Sir Konstantin S. Novoselov	Social Event	Bavarian Evening

## Blast from the Past BAVARIAN BREAKFAST 1953

70 years ago, the Bavarian Evening was actually a Bavarian Breakfast. Until today, a decent amount of beer and "weisswurst" are common during such a breakfast, as demonstrated in this picture by Nobel Laureate Hideki Yukawa and his wife Sumi.

Social Event	<b>Baden-Württemberg Boat Trip to Mainau Island</b> hosted by the State of Baden-Württemberg	Closing Panel Discussion	<b>The Diversity Challenge</b> Aybeg Nafiz Günenç	
MS Sonnenkönigin	Note for all participants departing on Friday and not returning to their hotel: no luggage may be taken on the boat. Two luggage lorries will be available at Lindau Harbour; please place your luggage accordingly.	11.10 Mainau Island Castle Meadow	Georg-August-Universität Göttingen/Max Planck Institute for Biophysical Chemistry, Germany	
			Vanessa Restrepo Schild Bio-Techne, United Kingdom	
	Lorry 1 to "Mainau Island": for those not returning to Lindau. Pick-up is at main entrance on Mainau Island until 17.00 hrs.		Donna Strickland University of Waterloo, United States of America	
	Lorry 2 to "Lindau": for those leaving directly after their return to Lindau. Pick-up is at Lindau Harbour immediately after arrival.		Pernilla Wittung-Stafshede Chalmers University of Technology, Sweden	
07.15 Lindau Harbour	Check-in (Lindau)		Moderator: Paul Walton University of York, United Kingdom	
07.45	Departure (Lindau)	12.30	Conclusion & Farewell	
Lindau Harbour		Mainau Island Castle Meadow	Countess Bettina Bernadotte President of the Council	
08.00 Bad Schachen	Arrival (Hotel Bad Schachen)		Andrea Lindlohr State Secretary at the Ministry of Regional Development and Housing, Ministry of Regional Development and Housing of Baden-Württemberg, Germany <b>Science Picnic on the Arboretum Lawn</b> hosted by the Ministry of Science, Research and the Arts, State of Baden-Württemberg	
08.15 Bad Schachen	Departure (Hotel Bad Schachen)	13.00 Mainau Island		
08.30	<b>Welcome</b> Andrea Lindlohr State Secretary at the Ministry of Regional Development and Housing, Ministry of Regional Development and Housing of Baden-Württemberg, Germany	Arboretum		
		<u></u>		
		16.00	Boarding	
10.20	Arrival (Mainau Island)	Mainau Harbour		
Mainau Island		16.30	Departure (Mainau Island) De den Müntternberg Boet Trin te Lie den & Alemani Derte	
11.00	Welcome on Mainau Island	Mainau Harbour	Baden-Württemberg Boat Trip to Lindau & Alumni Party hosted by the State of Baden-Württemberg	
Mainau Island Castle Meadow	Countess Bettina Bernadotte, President of the Council		Arrival (Hotel Bad Schachen)	

Arrival (Lindau)

Lindau Harbour

19.00

## Now or Never CONNECT

The boat rides on the closing day are the perfect opportunity to connect to your peers. They are all there.

Afterwards, use the Lindau Alumni Network and Lindau Mentoring Hub to stay in touch.

## ABOUT THE MEETINGS 47



### "Hydrogen Meets Science"

This is the headline of our exhibition, which is taking place in front of Lindau Inselhalle on Thursday, June 30th, dedicated to the participants of the 71st Lindau Nobel Laureate Meeting, and on Friday, July 1st, 2022 for the general public, too. For further details, please check our website.

#### What is the background of our event?

Today's world is powered by oil, gas and coal. 80% of our energy consumption is based on fossil fuels: for mobility and transportation, house heating, electricity for all purposes as well as for the production of many of our industrial products. This is leading to air pollution and global warming with dramatic consequences for all our lives and our global society.

Our biggest challenge in the coming years is the fast transition into an energy supply dominantly based on very unevenly - temporally as well as geographically - available renewables, not meeting the need-based demand of the end user. The dominant green energy carrier of the future will be hydrogen and its easy to produce derivates like methanol (e-fuel).

Since more than a hundred years, we have become so familiar with technologies based on fossil fuels. The transition to new green technologies is very revolutionary for all of us. The worlds largest industries have to completely change their entire product portfolios. Our network h2connect.eco is supporting our region during this change by sharing valuable information and connecting people.

#### How can science support this transition?

The industrialization of the new green technologies has just started. Advanced technologies and a variety of scientific contributions will be essential to create a sustainable world based on renewable energies in all applications.

#### Join our event - we are very happy to meet you

Your h2connect.eco team:	<u>https://h2co</u> i
For any questions:	<u>info@h2con</u>

nnect.eco nect.eco

#### The Meetings

The Lindau Nobel Laureate Meetings – established in 1951: 70 years ago – provide a globally recognised forum for exchange between Nobel Laureates and young scientists. They inspire scientific generations and build sustainable networks of young scientists around the world.

The original idea of the meetings goes back to the two Lindau physicians Dr. Franz Karl Hein and Professor Dr. Gustav Wilhelm Parade as well as Count Lennart Bernadotte af Wisborg, a member of the Swedish royal family who quickly became the spiritus rector of the Lindau Meetings. It was them who recognised very early the significance of the meetings for the reconciliation of the people of post-war Europe and thus systematically developed them to an international forum for the exchange of knowledge between nations, cultures and disciplines.

#### **The Organisers**

The Council for the Lindau Nobel Laureate Meetings and the Foundation Lindau Nobel Laureate Meetings organise the annual one-week events. The executive secretariat is responsible for planning and realisation. Countess Bettina Bernadotte af Wisborg is president of the Council, which sets the course for the Lindau Meetings' concept and programme. Internationally accredited scientists from the fields of medicine, physics, chemistry and the economic sciences are members of the Council. The work of the Council benefits from the commitment of the secretaries of the assemblies responsible for awarding the Nobel Prizes, which are represented in the Council.

The Foundation was established in the year 2000 by the Council and the Bernadotte family on the initiative of 50 Nobel Laureates. Following Prof. Wolfgang Schürer, since 2016 Prof. Dr. Jürgen Kluge serves as the chairman of the board of the Foundation. Joint initiatives regarding the advancement of the Lindau Meetings and the establishment of an international network of academic partners are key priorities in addition to ensuring sustainable funding.

The Lindau Meetings enjoy widespread support. More than 350 Nobel Laureates are members of the Founders' Assembly of the Foundation and demonstrate - through their membership and their engagement with the Lindau Spirit – their support for the mission of the Lindau Nobel Laureate Meetings.

## **48** ABOUT THE MEETINGS

Personalities from the worlds of science, politics and industry have been inaugurated into the Foundation's Honorary Senate in recognition of the special commitment they have shown towards scientific excellence and the promotion of young scientists.

#### Funding of the Lindau Nobel Laureate Meetings

The Lindau Nobel Laureate Meetings are made possible thanks to the support received from supranational, national and state bodies, companies, associations and private patrons. International companies, selected foundations, associations and private maecenates assure the financial basis for the Lindau Meetings by making donations to the assets of the Foundation Lindau Nobel Laureate Meetings. Interest earned on the endowment, plus additional annual contributions by benefactors cover the budget of the Lindau Meetings. Donations in kind also play an important role in raising the professional level of the meetings. Not least, the success of the Lindau Meetings can also be attributed to the commitment shown by the Nobel Laureates, members of the Council and the board of the Foundation during the preparation, realisation and evaluation of the meetings. A full list of supporters is enclosed in this programme.

#### The Academic Partners Network

The Lindau Nobel Laureate Meetings interact closely with a global network of academic partners to identify highly-talented young scientists and to nominate them for participation. Partners include national academies of science, ministries, research institutions, top-ranking universities, foundations and international scientific organisations. Without this support, the Lindau Nobel Laureate Meetings would not be able to identify and invite the most gifted scientific talents worldwide.

The world's best young scientists of tomorrow submit applications to attend the Lindau Nobel Laureate Meetings. An international, multi-stage selection process guarantees that the scientific elite of the future is able to gather with the Nobel Laureates in Lindau. Every year, several thousand young scientists apply worldwide.

#### **Programme Session Types**

The formats of the varied scientific programme are based on the principle of dialogue and to activate the exchange of knowledge, ideas, and experience between and among Nobel Laureates and young scientists.

#### Lectures

Lectures are given by Laureates only. They may choose a topic of their liking – be it their Nobel Prize research, be it something else.

#### Agora Talks

Flexible and interactive. One laureate presenting or several Laureates interacting in presentation/discussion of a topic; in both cases, a qualified moderator leads Q&A from the audience, discussion or even an interview.

#### Panel Discussions

Several panellists jointly discuss one topic. Up to half of the time is dedicated to Q&A with the audience.

#### **Open Exchanges**

Most Laureates offer discussion sessions, usually in addition to lectures and agora talks. These research-oriented discussions are strictly limited to laureates and young scientists, and switching between sessions should be avoided.

#### Next Gen Science Sessions

Oral presentations by young scientists. Each presentation is 10 minutes, followed by a short Q&A.

#### Workouts

Need a break? Join our workouts.

#### Partner Events & Partner Breakfasts

Partners of the Lindau Meetings are invited to organise side events outside the core programme, e.g., in the mornings (Partner Breakfasts) or evenings (academic dinners or others). As for the content of the presentations, several types are possible, e.g. panel discussion, world café, normal dinner, pitch presentations, etc. Attendance requires online pre-registration.

## **50** ABOUT THE MEETINGS

#### Science Breakfast

The Science Breakfast is an event organised by the Lindau Nobel Laureate Meetings. 2-5 Nobel Laureates make very short statements at the beginning, which are then jointly discussed by the audience at various tables.

#### Science Walks

During a Science Walk, Nobel Laureates spend their time exploring picturesque spots in Lindau and its surroundings together with up to ten young scientists. It is yet another opportunity for personal and informal discussions.

#### Laureate Lunches

During a Laureate Lunch, a Nobel Laureate sits together with up to ten young scientists at a local restaurant in Lindau to talk informally over lunch.

#### Life Lectures

The Life Lecture intends to cover the life experiences of a Nobel Laureate rather than a scientific topic. It is designed to motivate and inspire the young audience and numbers among the emotional highlights of the Lindau Meeting's lecture programme.

#### Heidelberg Lecture

The Heidelberg Laureate Forum (HLF) was founded in 2013 by our long standing supporter and Honorary Senator Klaus Tschira after the model of the Lindau Nobel Laureate Meetings. The HLF dedicates its meetings to prize-winning and inspiring young scientists from mathematics and computer science. To emphasise the close links and the outstanding partnership, Lindau hosts Heidelberg Lectures every year, and Lindau Lectures are part of the HLF programme.



## Mythical Nature \_\_\_

ART MUSEUM LINDAU 30 APRIL – 03 OCTOBER 2022 OPENING HOURS: 10.00 – 18.00 HRS FROM MONET TO WARHOL

# QUESTIONS?

Visit <u>qa.lindau-nobel.org</u> to ask your questions during panel discussions and agora talks.

## TWITTERATI

<u>#LINO22</u> @lindaunobel

## ABSTRACTS

Session abstracts are available at

mediatheque.lindau-nobel.org/ abstracts/meeting-2022

& <u>mediatheque.lindau-nobel.org/</u> program/meeting-2022

## ALUMNI NETWORK

Meet your peers at alumni.lindau-nobel.org

## REWATCH

Most of the sessions will be available afterwards in our mediatheque:

mediatheque.lindau-nobel.org/ program/meeting-2022

## IN-DEPTH COVERAGE

Check our blog for addional in-depth coverage: <u>blog.lindau-nobel.org</u>

## MENTORING HUB

Interested in becoming a mentor or a mentee? mentoringhub.lindau-nobel.org

### 54 ENDOWMENT CONTRIBUTORS

The Lindau Nobel Laureate Meetings would like to thank all maecenates, patrons and donors for their contributions to the endowment of the Foundation.

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## THE LINDAU GUIDELINES

## 01 Adopt an Ethical Code

- 02 Cooperate Globally on Global Problems
- 03 Share Knowledge
- 04 Publish Results Open Access
- 05 Publish Data to Repositories
- 06 Work Transparently & Truthfully
- 07 Change Reward Systems
- 08 Support All Talent
- 09 Communicate to Society
- 10 Engage in Education

SIGN SUPPORT SPREAD

lindauguidelines.org

## **58** MEETING SUPPORTERS

The Lindau Nobel Laureate Meetings would like to thank all supporters of the 71<sup>st</sup> Lindau Nobel Laureate Meeting.

#### SIGNIFICANT MEETING BENEFACTORS

Bundesministerium für Bildung und Forschung (BMBF), Germany

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#### CONTRIBUTORS

Bayerische Staatsbrauerei Weihenstephan Mineralbrunnen Krumbach GmbH SWS-Medicare GmbH Tchibo GmbH

and anonymous benefactors

### **60** MEETING VENUE INSELHALLE



What	Where
Agora Talks	Conference Rooms 1–3 and Main Hall
Bathrooms	Basement
Coffee Breaks	Main Foyer
Dinner	Various locations. In the Inselhalle: Lounge in the basement
Lectures	Main Hall
Lunch	Basement   Laureate Lunches: various destinations
Next Gen Science	City Theatre & Inselhalle Main Hall



What	Where
Open Exchanges	Conference Rooms 1–3 and 5–6
Panel Discussions	Main Hall
Partner Breakfasts	Hotel Bayerischer Hof, Forum am See
Press Lounge	Conference Room 8
Science Breakfast	Main Foyer
Science Walks	Meeting Point: Main Entrance of the Inselhalle
Social Events	Various locations. In the Inselhalle: Main Hall







## 68 GOOD TO KNOW

#### **Bus: How to Read the Time Table**

The time table available at the front desk shows operating hours and departure times for all five lines and both directions. The first three columns (earliest, Saturday, Sunday) indicate when the earliest bus runs from each stop, while the fourth columns show the last service. The next column (every 30 min) show when buses depart between the first and last service. Example: 24/54 means that this bus departs from the station every hour at minute 24 and 54 (e.g., at 15.24 hrs and 15.54 hrs). The two rightmost columns provide times for the night service.

#### Bus: Special Operating Hours During the Lindau Meeting

From Monday, 27 June to Thursday, 30 June the last buses leave from Inselhalle / the central connection point (ZUP) as follows:

Monday night, 27 June at 00.03 at Inselhalle / 00.10 at ZUP

Tuesday night, 28 June at 23.33 at Inselhalle / 23.40 at ZUP

Thursday night, 30 June at 23.03 at Inselhalle / 23.10 at ZUP

All buses serve all stops along their lines. All other bus lines run as listed in the time table.

#### **Dietary Needs**

Should you have any dietary needs, please make sure to check with our service desk or the catering service.

#### **Medical Assistance**

- In case of urgent, life-threatening medical issues, call 112 and/or contact any member of our staff.
- In case of urgent, but not life-threatening medical issues, please contact the paramedic teams on site or see our service desk.
- In case of non-urgent medical issues, please see our service desk.

## RESPONSIBILITY

The Lindau Nobel Laureate Meetings and its boards, team and staff are working hard to leave a positive footprint.

Since 2020, we are a climate-positive event.

Encouraged by the young scientists' intitiative IDEA, we are also continuously improving aspects of inclusion and diversity.

Read more about the details at

www.lindau-nobel.org/responsibility

## 70 GOOD TO KNOW

## GOOD TO KNOW 71

#### **Opening Hours Registration and Info Desk**

Saturday, 25 June	13.00 - 18.00
Sunday, 26 June	08.30 - 19.00
Monday, 27 June	08.30 - 16.00
Tuesday, 28 June	08.30 - 17.30
Wednesday, 29 June	07.00 - 20.00
Thursday, 30 June	08.30 - 17.00

#### **Opening Hours Press Desk**

Sunday, 26 June	09.00 - 18.30
Monday, 27 June	08.30 - 18.30
Tuesday, 28 June	08.30 - 18.30
Wednesday, 29 June	08.30 - 18.30
Thursday, 30 June	08.30 - 19.00

#### **On-site Contacts**

The office can be reached during the meeting as follows:Registration DeskTel +49 8382 8899 621Press DeskTel +49 8382 8899 638Emailinfo@lindau-nobel.orgEmergency112TaxiTel. +49 8382 5050 and +49 8382 3550

#### Lanyard Colour Key

Turquoise	Nobel Laureates, their partners and family members
Grey	Young Scientists
Blue	Visiting Scientists
Red	Guests
Yellow	Journalists
Lime Green	Host Families
Purple	Lindau Citizens
Orange	Contractors
Brown	Shuttle Service & External Service Providers
Green	Council & Foundation
Black	Staff of the Executive Secretariat

#### Scientific Chairpersons of the 71st Lindau Nobel Laureate Meeting

Wolfgang Lubitz Director Emeritus Max Planck Institute for Chemical Energy Conversion, Germany

Valeria Nicolosi Professor Trinity College Dublin, Ireland

*Pernilla Wittung-Stafshede* Professor Chalmers University of Technology, Sweden

#### **Future Meetings**

7<sup>th</sup> Lindau Meeting on Economic Sciences 23 August – 27 August 2022

72<sup>nd</sup> Lindau Nobel Laureate Meeting (Physiology/ Medicine) 25 June – 30 June 2023

73<sup>rd</sup> Lindau Nobel Laureate Meeting (Physics) 30 June – 5 July 2024

74<sup>th</sup> Lindau Nobel Laureate Meeting (Chemistry) 29 June – 4 July 2025

8<sup>th</sup> Lindau Meeting on Economic Sciences26 August – 30 August 2025

75<sup>th</sup> Lindau Nobel Laureate Meeting (Interdisciplinary) 28 June – 3 July 2026 72 NOTES



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Council for the Lindau Nobel Laureate Meetings

Foundation Lindau Nobel Laureate Meetings

> Alfred-Nobel-Platz 1 88131 Lindau Germany

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