



# LINDAU NOBEL LAUREATE MEETINGS



## Lindau Nobel Laureate Meeting

# Programme

28 June – 3 July 2015

Lindau & Mainau Island, Germany

UPDATED VERSION  
as of 27 June 2015

## THE MEETINGS ONLINE

Lindau Blog

*blog.lindau-nobel.org*

Lindau Mediatheque

*mediatheque.lindau-nobel.org*

Nobel Labs 360°

*nobellabs.lindau-nobel.org*

Lindau Alumni Community

*alumni.lindau-nobel.org*

Facebook

*www.facebook.com/LindauNobelLaureatesMeeting*

Twitter

*@lindaunobel #LiNo15*

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## LINDAU NOBEL LAUREATE MEETINGS

In 1949, only four years after World War II had ended, two doctors from the small town of Lindau came up with a rather bold idea: to organize an international conference of Nobel Laureates. Just two years later, in the summer of 1951, the first “European Meeting of Nobel Laureates” took place, with six Laureates in attendance and the Swedish King Gustav VI. Adolf sending his greetings. Another two years later, the first students were invited to the meetings, and by the end of the decade, the meetings finally became international by inviting Young Scientists from all continents.

A lot has changed since then – and some things have stayed the same. While the meetings have gone through several stages of development, with the most profound one since the establishment of the Foundation in the year 2000, the meetings have still maintained their original spirit.

It was the idea of the founders Dr. Franz Karl Hein, Professor Dr. Gustav Wilhelm Parade and Count Lennart Bernadotte that this gathering in Lindau, an island very close to its European neighbours, could contribute to reconciliation after the war. Today, with a world still in conflict, this idea is as modern and convincing as it was 65 years ago.

In summer 2015, more than 650 Young Scientists from 88 countries will experience a unique meeting with 67 Nobel Laureates, representing at least half a century of scientific breakthroughs that have deeply impacted our world – not only in the realm of science, but the actual lives of almost all of us.

The Lindau Meetings are about science. And they are about the benefit of science for mankind, as Alfred Nobel has put it so famously in his last will, defining who should receive a Nobel Prize. And in this very sense, Lindau is also a place to become inspired: What should we do research on, and what can we achieve by it beyond writing the next paper? How should we do it, considering its effect on society, environment, everyone around us, and ourselves? In his last Lindau lecture, Nobel Laureate Christian de Duve addressed the Young Scientists with a striking appeal: “My generation has made a mess of things. It is up to you to do better. The future is in your hands. Good luck!”

65 years after their first instalment, the meetings are more than ever dedicated to an exchange that transcends barriers of nationality, religion, gender, or any other origin. We would like to encourage all the Young Scientists to make most of this week: Get in contact with the Nobel Laureates. They have come to Lindau to meet you. Talk to your fellow students. They are your colleagues and collaborators of tomorrow. It is them who will help you “to do better”.

Welcome to an exciting week!

*Council for the Lindau Nobel Laureate Meetings*

*Foundation Lindau Nobel Laureate Meetings*



## 65 NOBEL LAUREATES

PETER AGRE WERNER ARBER  
 FRANÇOISE BARRÉ-SINOSSI ERIC BETZIG  
 BRUCE A. BEUTLER J. MICHAEL BISHOP  
 ELIZABETH H. BLACKBURN MARTIN CHALFIE  
 STEVEN CHU AARON CIECHANOVER  
 CLAUDE COHEN-TANNOUDI JAMES W. CRONIN  
 PETER C. DOHERTY FRANÇOIS ENGLERT  
 GERHARD ERTL ALBERT FERT  
 EDMOND H. FISCHER IVAR GIAEVER  
 WALTER GILBERT ROY J. GLAUBER  
 DAVID J. GROSS JOHN L. HALL  
 THEODOR W. HÄNSCH SERGE HAROCHE  
 STEFAN W. HELL AVRAM HERSHKO  
 JULES A. HOFFMANN ROBERT HUBER  
 BRIAN D. JOSEPHSON  
 KLAUS VON KLITZING  
 HAROLD W. KROTO  
 JEAN-MARIE LEHN



RUDOLPH A. MARCUS HARTMUT MICHEL  
WILLIAM. E. MOERNER LUC MONTAGNIER  
FERID MURAD EI-ICHI NEGISHI  
ERWIN NEHER RYOJI NOYORI SAUL PERLMUTTER  
WILLIAM D. PHILLIPS VENKATRAMAN RAMAKRISHNAN  
RICHARD J. ROBERTS CARLO RUBBIA  
BERT SAKMANN KAILASH SATYARTHI  
BRIAN P. SCHMIDT DAN SHECHTMAN  
HAMILTON O. SMITH OLIVER SMITHIES  
GEORGE F. SMOOT WOLE SOYINKA JACK W. SZOSTAK  
SUSUMU TONEGAWA ROGER Y. TSIEN HAROLD E. VARMUS  
MARTINUS J. G. VELTMAN J. ROBIN WARREN  
ARIEH WARSHEL TORSTEN N. WIESEL  
ROBERT W. WILSON KURT WÜTHRICH  
ADA E. YONATH HARALD ZUR HAUSEN



SUNDAY, 28 JUNE



## SKETCHES OF SCIENCE

Exhibition

Current dates and information are available at [www.lindau-nobel.org](http://www.lindau-nobel.org).

**10.00**

Registration  
Inselhalle

### Meeting Registration

from 10.00 – 20.00 hrs continuously

**14.45**

Seats for the Opening Ceremony need to be taken by 14.45 hrs at the latest. Strictly no access after 14.45 hrs. A live stream in the tent next to the congress venue will be offered.

**15.00**

Opening  
Ceremony  
Inselhalle

### Opening Ceremony

#### Welcome

*Countess Bettina Bernadotte*

President of the Council for the Lindau Nobel Laureate Meetings

#### Welcome Address

*Joachim Gauck*

President of the Federal Republic of Germany

#### Greetings from Stockholm

*Carl-Henrik Heldin*

Chairman of the Board of the Nobel Foundation, Sweden

#### Induction of New Members to the Honorary Senate of the Foundation Lindau Nobel Laureate Meetings

*Bertrand Gros*

Chairman of the Board, Rolex SA, Switzerland

*Ulrich Wilhelm*

Director General Bavarian Broadcasting Corporation, Germany

#### Urban Gaga, Ultra Modern Life and Societies

*Kjell A. Nordström*

Institute of International Business (IIB),  
Stockholm School of Economics, Sweden

#### Master of Ceremony

*Zulfikar Abbany*

Deutsche Welle, Germany

Access: all participants (auditorium or tent)

**16.30**

#### Break

17.00  
Concert  
Stadttheater

**Reception**

Reception upon invitation of the Federal Ministry of Science, Research and Economy, Austria  
Access: Nobel Laureates, Young Scientists  
Access for guests with online pre-registration only

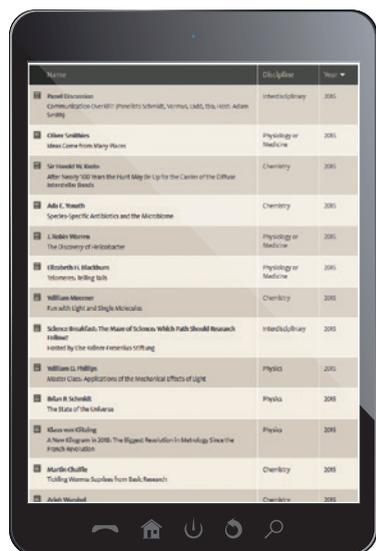
**Concert**

*Ensemble of the Vienna Philharmonic Orchestra*  
Welcome  
Vice Chancellor Reinhold Mitterlehner  
Federal Minister of Science, Research and Economy, Austria  
Access: Nobel Laureates, access for Young Scientists and guests with online pre-registration only

19.30  
Social Function  
Various Locations

**Dinner**

Please see your personal agenda for details.



LOOKING FOR ABSTRACTS?

Lecture and session abstracts are available at [mediatheque.lindau-nobel.org](http://mediatheque.lindau-nobel.org)

**Partner Event**

07.00  
Science Breakfast  
Forum am See



**Science and Ethics**

hosted by Ministry of Education, Higher Education and Research, France  
*Sophie Carenco*  
Institute of Chemistry, CNRS - UPMC - Collège de France, France  
*Jules Hoffmann*  
Molecular and Cellular Biology Institute, Université de Strasbourg, France  
*Denis Le Bihan*  
Director of Neurospin, CEA Saclay, France  
*Moderator: Michèle Leduc*  
Emeritus Research Director at CNRS,  
President of CNRS Ethics Committee, France  
Access: with online pre-registration only

09.00  
Plenary Lecture  
Inselhalle

*Stefan W. Hell*  
**Optical Microscopy: The Resolution Revolution**

09.30  
Plenary Lecture  
Inselhalle

*François Englert*  
**The Origin of Elementary Particle Masses**

10.00  
Plenary Lecture  
Inselhalle

*Eric Betzig*  
**Working Where Others Aren't**

10.30  
Plenary Lecture  
Inselhalle

*Venkatraman Ramakrishnan*  
**Seeing is Believing – A Hundred Years of Visualizing Molecules**

11.00  
Plenary Lecture  
Inselhalle

**Coffee Break**  
hosted by Ministry of Education, Higher Education and Research, France

11.45  
Plenary Lecture  
Inselhalle

*J. Michael Bishop*  
**A Virus, a Gene and Cancer: An Anatomy of Discovery**

12.15  
Plenary Lecture  
Inselhalle

*Harold E. Varmus*  
**From Proto-Oncogenes to Precision Oncology**

12.45  
Plenary Lecture  
Inselhalle

*Saul Perlmutter*  
**What We Learn When We Learn that the Universe is Accelerating**

<b>13.15</b> Catering Tent 	<b>Lunch Break</b> hosted by Ministry of Education, Higher Education and Research, France Access: Young Scientists, Nobel Laureates
<b>15.00</b> Panel Discussion Stadttheater	<b>Panel Discussion: The Quest for Interdisciplinarity: Inspiration or Distraction?</b> <i>Eric Betzig</i> Janelia Farm Research Campus, Howard Hughes Medical Institute, United States <i>Martin Chalfie</i> Department of Biological Sciences, Columbia University, United States <i>Steven Chu</i> Physics Department, Stanford University, United States <i>Stefan W. Hell</i> Max Planck Institute for Biophysical Chemistry, Germany <i>William E. Moerner</i> Department of Chemistry, Stanford University, United States <i>Moderator: Sibylle Anderl</i> Institut de Planétologie et d'Astrophysique de Grenoble, France Access: Nobel Laureates, Young Scientists (limited seating)
<b>16.30</b>	<b>Break</b>
<b>17.00</b> Discussion Altes Rathaus	<i>Eric Betzig</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Discussion Hotel Bayer. Hof	<i>J. Michael Bishop and Harold E. Varmus</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Discussion Evang. Hospital	<i>François Englert</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Discussion Forum am See	<i>Stefan W. Hell</i> <b>Discussion with Young Scientists</b>

<b>17.00</b> Altes Rathaus	<i>Brian D. Josephson</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Discussion Landratsamt	<i>Saul Perlmutter</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Discussion Altes Rathaus	<i>Venkatraman Ramakrishnan</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Master Class Hotel Bayer. Hof	<i>Master Class with Albert Fert</i> <b>Spintronics, Nanomagnetism and Magnetic Skyrmions</b> <i>Sándor Bordács</i> Department of Physics, Budapest University of Technology and Economics, Hungary <i>Prosper Ngabonziza</i> Faculty of Science and Technology, University of Twente, Netherlands Access: with online pre-registration only
<b>17.00</b> Master Class Hotel Bayer. Hof	<i>Master Class with Jules Hoffmann</i> <i>Co-Chair: Bruce Beutler</i> <b>Antimicrobial Defenses</b> <i>Pedro Alves</i> Immunology, Max Planck Institute for Infection Biology, Germany <i>Claudia Günther</i> Medical Department, Universitätsklinikum Erlangen-Nürnberg, Germany <i>Izumi Mashima</i> Department of Oral Microbiology, Health Sciences University of Hokkaido, Japan <i>Moran Shalev Ben-Ami</i> Structural Biology, Weizmann Institute of Science, Israel <i>Christoph Thaiss</i> Department of Immunology, Weizmann Institute of Science, Israel Access: with online pre-registration only
<b>18.30</b>	<b>Break</b>

19.30

Social Function  
Inselhalle



**International Get-Together**

hosted by Ministry of Education, Higher Education and Research, France

**Welcome**

*Countess Bettina Bernadotte*

President of the Council for the Lindau Nobel Laureate Meetings

**Welcome Address**

*H. E. Najat Vallaud-Belkacem*

Ministre de l'Éducation nationale, de l'Enseignement supérieur et de la Recherche, France

**A Look at Water Singing and Dancing in the Brain**

*Denis Le Bihan*

Director of Neurospin, CEA Saclay, France

**Cultural Performance**

*La Gâpette*

**Master of Ceremony**

*Alex Taylor*

European journalist, France

**Dinner**

**Dance**

Access: Nobel Laureates, Young Scientists

Access for guests with online pre-registration only

Partner Event

07.00

Science Breakfast  
Forum am See



**Feeding the 9.6 billion**

hosted by Mars, Incorporated

*Steven Chu*

Physics Department, Stanford University, United States

*Howard-Yana Shapiro*

Chief Agricultural Officer, Mars, Incorporated  
Department of Plant Sciences, University of California, Davis,  
United States

*Young scientist (tbd)*

*Moderator: Adam Smith*

Chief Scientific Officer, Nobel Media AB, Sweden

Access: with online pre-registration only

Partner Event

07.00

Science Breakfast  
Hotel Bayer. Hof



**Decoding Science Leadership: What Matters in Leading Innovative Labs, Leading Great People, Leading Self**

hosted by McKinsey & Company, Inc.

*Elizabeth H. Blackburn*

Department of Biochemistry and Biophysics, University of California, San Francisco, United States

*Simon Elsäßer*

MRC Laboratory of Molecular Biology, Centre for Chemical and Synthetic Biology, United Kingdom

*Frank Mattern*

Director, McKinsey & Company, Inc., Germany

*Bonnie L. van Wilgenburg*

University of Oxford, United Kingdom

*Moderator: Matthias Evers*

Principal, McKinsey & Company, Inc., Germany

Access: with online pre-registration only

HAVING A BRILLIANT THOUGHT?

Share it with us on

[twitter](#)

@lindaunobel #LiNo15



Please note that the following lectures take place in parallel in four different locations. One block indicates one location. Changing between the locations is not recommendable as the sessions may not start and end on schedule and the distance between locations makes changing impracticable.

**BLOCK 1** Plenary Lectures: Inselhalle – Hall Bayern

- 09.00** *Richard J. Roberts*  
**Why you Should Love Bacteria**
- 09.30** *Ryoji Noyori*  
**Where am I from? Where are you going?**
- 10.00** *Roy J. Glauber*  
**Light Quanta, and their Idiosyncrasies**
- 10.30** **Coffee Break (at Inselhalle and Stadttheater)**
- 11.30** *Erwin Neher*  
**Ion Channels: Their Discovery, their Function and their Role in Diseases**
- 12.00** *Arieh Warshel*  
**How to Model the Action of Complex Biological Systems on a Molecular Level**
- 12.30** *Serge Haroche*  
**The International Year of Light: Celebrating Fifty Years of Laser Revolution in Physics**

**BLOCK 2** Plenary Lectures: Inselhalle – Hall Europa

- 09.00** *Bruce A. Beutler*  
**Finding Mutations that Affect Immunity**
- 09.30** *Jean-Marie Lehn*  
**Towards Adaptive Chemistry**
- 10.00** *William D. Phillips*  
**Quantum Information: a Scientific and Technological Revolution for the 21st Century**
- 10.30** **Coffee Break (at Inselhalle and Stadttheater)**

- 11.30** *Jack W. Szostak*  
**The Origins of Cellular Life**

- 12.00** *Gerhard Ertl*  
**Catalysis at Surfaces: From Atoms to Complexity**

- 12.30** *George F. Smoot*  
**Gamma Ray Bursts: Windows on the Universe**

**BLOCK 3** Plenary Lectures: Stadttheater

- 09.00** *Françoise Barré-Sinoussi*  
**Translational Science on Viral Infectious Diseases: From Louis Pasteur to today**

- 09.30** *Peter Agre*  
**Aquaporin Water Channels – From Atomic Structure to Malaria**

- 10.00** *Claude Cohen-Tannoudji*  
**The Adventure of Cold Atoms. From Optical Pumping to Quantum Gases**

- 10.30** **Coffee Break (at Inselhalle and Stadttheater)**

- 11.30** *Harald zur Hausen*  
**Colon- and Breast Cancers and Specific Neurological Disorders as Zoonoses?**

- 12.00** *Avram Hershko*  
**Roles of the Ubiquitin System in Health and Disease**

- 12.30** *Carlo Rubbia*  
**Future Accelerators for Astro-Particle Physics**

**BLOCK 4** Plenary Lectures: Parktheater

- 09.00** *Werner Arber*  
**Insight into the Laws of Nature for Biological Evolution**

- 09.30** *Hartmut Michel*  
**Membrane Proteins: Importance, Functions, Mechanisms**

10.00	<i>Theodor W. Hänsch</i> <b>Science with Combs of Light</b>
10.30	<b>Coffee Break (at Inselhalle and Stadttheater)</b>
11.30	<i>Edmond H. Fischer</i> <b>The Origin of Reversible Protein Phosphorylation as a Regulatory Mechanism</b>
12.00	<i>Robert Huber</i> <b>Structural Aspects of Protease Control in Health and Disease and my Experience with Translation into Practice and Business</b>
12.30	<i>Martinus J. G. Veltman</i> <b>Discovery of the Higgs Particle</b>
13.00	<b>Lunch Break</b> Catering Tent  Access: Young Scientists, Nobel Laureates
15.00	<i>Peter Agre</i> Discussion Altes Rathaus <b>Discussion with Young Scientists</b>
15.00	<i>Werner Arber</i> Discussion Inselhalle <b>Discussion with Young Scientists</b>
15.00	<i>Françoise Barré-Sinoussi</i> Discussion Inselhalle <b>Discussion with Young Scientists</b>
15.00	<i>Bruce A. Beutler</i> Discussion Forum am See <b>Discussion with Young Scientists</b>
15.00	<i>Claude Cohen-Tannoudji</i> Discussion Landratsamt <b>Discussion with Young Scientists</b>
15.00	<i>Roy J. Glauber</i> Discussion Evang. Hospital <b>Discussion with Young Scientists</b>

15.00	<i>Theodor W. Hänsch</i> Discussion Hotel Bayer. Hof <b>Discussion with Young Scientists</b>
15.00	<i>Jean-Marie Lehn</i> Discussion Altes Rathaus <b>Discussion with Young Scientists</b>
15.00	<i>Hartmut Michel</i> Discussion Stadttheater <b>Discussion with Young Scientists</b>
15.00	<i>Ryoji Noyori</i> Discussion Altes Rathaus <b>Discussion with Young Scientists</b>
15.00	<i>William D. Phillips</i> Discussion Stadttheater <b>Discussion with Young Scientists</b>
15.00	<i>Richard J. Roberts</i> Discussion Inselhalle <b>Discussion with Young Scientists</b>
15.00	<i>Master Class with Aaron Ciechanover</i> Master Class Hotel Bayer. Hof <b>Cellular Quality Control – Mechanisms and Clinical Implications</b> <i>Changjiang Hu</i> Third Military Medical University, Xinqiao Hospital, China <i>Rishika Kundra</i> Department of Chemistry, University of Cambridge, United Kingdom <i>Peter Reinhardt</i> Center for Regenerative Therapies (CRTD), Technical University Dresden, Germany Access: with online pre-registration only
16.30	<b>Break</b>

17.00 Discussion Hotel Bayer. Hof	<i>Gerhard Ertl</i> <b>Discussion with Young Scientists</b>
17.00 Discussion Altes Rathaus	<i>Edmond H. Fischer</i> <b>Discussion with Young Scientists</b>
17.00 Discussion Inselhalle	<i>Serge Haroche</i> <b>Discussion with Young Scientists</b>
17.00 Discussion Evang. Hospital	<i>Avram Hershko</i> <b>Discussion with Young Scientists</b>
17.00 Discussion Landratsamt	<i>Robert Huber</i> <b>Discussion with Young Scientists</b>
17.00 Discussion Altes Rathaus	<i>Erwin Neher</i> <b>Discussion with Young Scientists</b>
17.00 Discussion Inselhalle	<i>Carlo Rubbia</i> <b>Discussion with Young Scientists</b>
17.00 Discussion Stadttheater	<i>George F. Smoot</i> <b>Discussion with Young Scientists</b>
17.00 Discussion Altes Rathaus	<i>Jack W. Szostak</i> <b>Discussion with Young Scientists</b>
17.00 Discussion Inselhalle	<i>Martinus J. G. Veltman</i> <b>Discussion with Young Scientists</b>
17.00 Discussion Hotel Bayer. Hof	<i>Arieh Warshel</i> <b>Discussion with Young Scientists</b>
17.00 Discussion Forum am See	<i>Harald zur Hausen</i> <b>Discussion with Young Scientists</b>

17.00 Master Class Hotel Bayer. Hof	<i>Master Class with Brian P. Schmidt</i> <i>Co-Chair: Elizabeth H. Blackburn</i> <b>A 21st Century Career in Research: A Discussion about Thriving in the Face of Career Uncertainty</b> <i>Uta Allenstein</i> Department for Experimental Physics, University of Leipzig, Germany <i>Hemant P. Borase</i> Department of Biochemistry, North Maharashtra University, India <i>Daniel Häufle</i> University Stuttgart, Germany <i>Else Starkenburg</i> Leibniz-Institut für Astrophysik Potsdam, Germany Access: with online pre-registration only
18.30	<b>Break</b>
19.30 Social Function Various Locations 	<b>Academic Dinners</b> upon invitation of the Academic Partners Access: by invitation only
19.30 Social Function Toskanapark 	<b>Grill &amp; Chill: Connecting Cultures</b> upon invitation of the Council & Foundation Access: by invitation only

**Partner Event**

**Genes, Nutrition and the Environment**

**07.00**  
Science Breakfast  
Forum am See

hosted by the Federal Ministry of Science, Research and Economy,  
Austria

*Aaron Ciechanover*

The Rappaport Faculty of Medicine and Research Institute,  
Technion - Israel Institute of Technology, Israel

*Petra Paul*

Experimental Immunology, University of Zurich, Switzerland

*Jack W. Szostak*

Department of Molecular Biology, Massachusetts General Hospital,  
United States

*Moderator: Giulio Superti-Furga*

CEO and Scientific Director,  
CeMM Research Center for Molecular Medicine of the Austrian  
Academy of Sciences, Austria

Access: with online pre-registration only

Please note that the following lectures take place in parallel in four different locations. One block indicates one location. Changing between the locations is not recommendable as the sessions may not start and end on schedule and the distance between locations makes changing impracticable.

**BLOCK 1** **Plenary Lectures: Inselhalle – Hall Bayern**

**09.00** *Susumu Tonegawa*  
**Memory Engram Cells Have Come of Age**

**09.30** *Kurt Wüthrich*  
**NMR in Biology, Chemistry and Medicine**

**10.00** *Robert W. Wilson*  
**Cosmic Microwave Background Radiation and its Role in Cosmology**

**10.30** **Coffee Break (at Inselhalle and Stadttheater)**

**11.30** *Rudolph A. Marcus*  
**Electron Transfer Theory in Single Molecule Studies of Intermittent Fluorescence of Quantum Dots and in Initial Steps in Dye Sensitized Solar Cells**

**12.00** *Martin Chalfie*  
**Tickling Worms: Surprises from Basic Research**

**12.30** *Brian P. Schmidt*  
**The State of the Universe**

**BLOCK 2** **Plenary Lectures: Inselhalle – Hall Europa**

**09.00** *Steven Chu*  
**A Random Walk in Science**

**09.30** *Dan Shechtman*  
**Quasi-Periodic Crystals, a Paradigm Shift in Crystallography**

**10.00** *John L. Hall*  
**What about Redefining Time using a Stable Laser?**

**10.30** **Coffee Break (at Inselhalle and Stadttheater)**

**11.30** *Roger Y. Tsien*  
**Molecules against Cancer or for Long-term Memory Storage**

**12.00** *Peter C. Doherty*  
**The Killer Defence**

**12.30** *Klaus von Klitzing*  
**A New Kilogram in 2018: The Biggest Revolution in Metrology since the French Revolution**

**BLOCK 3** **Plenary Lectures: Stadttheater**

**09.00** *Hamilton O. Smith*  
**Minimizing a Bacterial Genome by Global Design and Synthesis**

**09.30** *Aaron Ciechanover*  
**The Revolution of Personalized Medicine: Are we Going to Cure all Diseases and at What Price?**

10.00	<i>David J. Gross</i> <b>The Future of Particle Physics</b>
10.30	<b>Coffee Break (at Inselhalle and Stadttheater)</b>
11.30	<i>Ferid Murad</i> <b>Role of Nitric Oxide and Cyclic GMP in Cell Signaling and Drug Development</b>
12.00	<i>Ei-Ichi Negishi</i> <b>How to Synthesize a Wide Variety of Optically Active Organic and Bioorganic Compounds of &gt;99% Optical Purity</b>
12.30	<i>Ivar Giaever</i> <b>Global Warming Revisited</b>
13.00	<b>Lunch Break</b> Catering Tent  Access: Young Scientists, Nobel Laureates
15.00	<i>Steven Chu</i> <b>Discussion with Young Scientists</b> Discussion Inselhalle
15.00	<i>Aaron Ciechanover</i> <b>Discussion with Young Scientists</b> Discussion Forum am See
15.00	<i>David J. Gross</i> <b>Discussion with Young Scientists</b> Discussion Inselhalle
15.00	<i>John L. Hall</i> <b>Discussion with Young Scientists</b> Discussion Inselhalle
15.00	<i>Luc Montagnier</i> <b>Discussion with Young Scientists</b> Discussion Altes Rathaus
15.00	<i>Dan Shechtman</i> <b>Discussion with Young Scientists</b> Discussion Stadttheater

15.00	<i>Hamilton O. Smith</i> <b>Discussion with Young Scientists</b> Discussion Stadttheater
15.00	<i>Susumu Tonegawa</i> <b>Discussion with Young Scientists</b> Discussion Altes Rathaus
15.00	<i>Robert W. Wilson</i> <b>Discussion with Young Scientists</b> Discussion Hotel Bayer. Hof
15.00	<i>Kurt Wüthrich</i> <b>Discussion with Young Scientists</b> Discussion Landratsamt
15.00	<i>Master Class with William D. Phillips</i> <b>Applications of the Mechanical Effects of Light</b> Master Class Hotel Bayer. Hof <i>Laura Corman</i> Chaire Atome et Rayonnement, Collège de France, France <i>Aaron Buikema</i> Department of Physics, Massachusetts Institute of Technology, United States <i>Alexander Yutong Zhu</i> Data Storage Institute, A*STAR Singapore, Singapore Access: with online pre-registration only
16.30	<b>Break</b>
17.00	<i>Martin Chalfie</i> <b>Discussion with Young Scientists</b> Discussion Landratsamt
17.00	<i>Peter C. Doherty</i> <b>Discussion with Young Scientists</b> Discussion Altes Rathaus
17.00	<i>Ivar Giaever</i> <b>Discussion with Young Scientists</b> Discussion Evang. Hospital
17.00	<i>Rudolph A. Marcus</i> <b>Discussion with Young Scientists</b> Discussion Altes Rathaus

## WEDNESDAY, 1 JULY

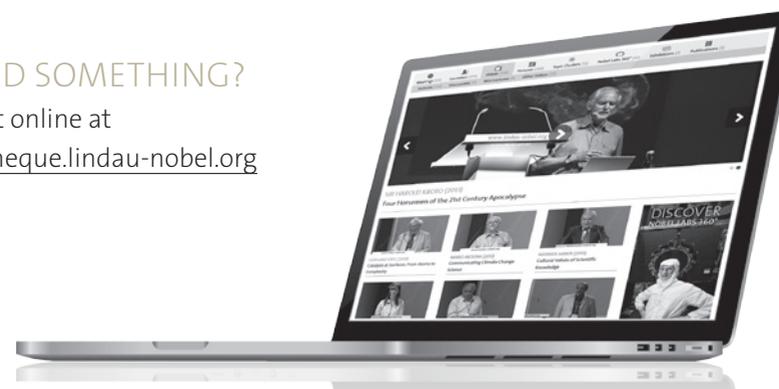
<b>17.00</b> Discussion Inselhalle	<i>Ferid Murad</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Discussion Hotel Bayer. Hof	<i>Ei-Ichi Negishi</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Discussion Inselhalle	<i>Brian P. Schmidt</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Discussion Forum am See	<i>Roger Y. Tsien</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Discussion Inselhalle	<i>Klaus von Klitzing</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Master Class Hotel Bayer. Hof	<i>Master Class with Jean-Marie Lehn</i> <b>Supramolecular and Adaptive Chemistry: From Materials Science to Medicine</b> <i>Renata Balgley</i> Organic Chemistry, Weizmann Institute of Science, Israel <i>Wei Cao</i> Department of Chemistry, Tsinghua University, China <i>Benjamin Doistau</i> Université Pierre et Marie Curie, France <i>Angel Luis Fuentes de Arriba</i> Department of Organic Chemistry, University of Salamanca, Spain <i>Jenifer Rubio Magnieto</i> Laboratory for Chemistry of Novel Materials, University of Mons- UMONS, Belgium <i>Jochen Niemeyer</i> Institute of Organic Chemistry, University of Duisburg-Essen, Germany Access: with online pre-registration only

## WEDNESDAY, 1 JULY

<b>17.00</b> Master Class Hotel Bayer. Hof	<i>Master Class with Harold E. Varmus</i> <i>Co-Chairs: J. Michael Bishop, Steven Chu</i> <b>What are the Big Questions in Cancer Research and Which Scientific Disciplines are Needed to Answer Them?</b> <i>Uri Ben-David</i> The Broad Institute of Harvard and MIT, United States <i>Volker Hovestadt</i> Molecular Genetics, German Cancer Research Center, Germany <i>Lian Chye Winston Koh</i> Stanford University, United States <i>Amelia Parker</i> Children's Cancer Institute, Australia <i>Christina Schindler</i> Physics Department, Technische Universität München, Germany Access: with online pre-registration only
<b>18.30</b>	<b>Break</b>
<b>19.00</b> Plenary Lecture Stadtheater	<i>Wole Soyinka</i> <b>When Survival Seems Learning Enough</b> Access: Nobel Laureates; Young Scientists with online pre-registration only
<b>20.00</b> Social Function Catering Tent 	<b>Dinner</b> Access: Young Scientists Dinner will begin after the preceding lecture.

### MISSED SOMETHING?

Watch it online at  
[mediatheque.lindau-nobel.org](http://mediatheque.lindau-nobel.org)



**Partner Event**

**07.00**

Science Breakfast  
Forum am See



**The Maze of Science: Which Path Should Research follow?**

hosted by the Else Kröner-Fresenius-Stiftung

*Alice Accorroni*

Institute of Life Sciences, Scuola Superiore Sant'Anna, Italy

*Nicholas Chilton*

School of Chemistry, The University of Manchester, United Kingdom

*Pierre Karam*

American University of Beirut, Lebanon

*Linda J. Miller*

Executive Editor, Cancer Immunology Research, American Association for Cancer Research (AACR), United States

*Brian P. Schmidt*

The Research School of Astronomy and Astrophysics, The Australian National University, Australia

*Moderator: Susanne Schultz-Hector*

Member of the Board, Else Kröner-Fresenius-Stiftung, Germany

Access: with online pre-registration only

**09.00**

Plenary Lecture  
Inselhalle

*William E. Moerner*

**Fun with Light and Single Molecules**

**09.30**

Plenary Lecture  
Inselhalle

*Elizabeth H. Blackburn*

**Telomeres: Telling Tails**

**10.00**

Plenary Lecture  
Inselhalle

*J. Robin Warren*

**The Discovery of Helicobacter**

**10.30**

Plenary Lecture  
Inselhalle

*Ada E. Yonath*

**Species-Specific Antibiotics and the Microbiome**

**11.00**

**Coffee Break**

**11.45**

Plenary Lecture  
Inselhalle

*Harold W. Kroto*

**After Nearly 100 Years the Hunt May Be Up for the Carrier of the Diffuse Interstellar Bands**

**12.15**

Plenary Lecture  
Inselhalle

*Oliver Smithies*

**Ideas Come from Many Places**

**12.45**

Plenary Lecture  
Inselhalle

*Kailash Satyarthi*

**Education Needs to be Equitable and Inclusive for All**

**13.15**

Catering Tent



**Lunch Break**

Access: Young Scientists, Nobel Laureates

**15.00**

Panel Discussion  
Stadttheater

**Panel Discussion: Communication Overkill?**

*Mallory Paige Ladd*

Energy Science and Engineering,  
University of Tennessee, United States

*Marcia McNutt*

Editor-in-Chief, Science family of journals  
American Association for the Advancement of Science

*Jalees Rehman*

Associate Professor of Medicine and Pharmacology  
University of Illinois at Chicago

*Brian P. Schmidt*

The Research School of Astronomy and Astrophysics,  
The Australian National University, Australia

*Harold E. Varmus*

Lewis Thomas University, Weill Cornell Medical College,  
United States

*Moderator: Adam Smith*

Chief Scientific Officer, Nobel Media AB, Sweden

Access: Nobel Laureates, Young Scientists (limited seating)

**16.30**

**Break**

**17.00**

Discussion  
Altes Rathaus

*Elizabeth H. Blackburn*

**Discussion with Young Scientists**

**17.00**

Discussion  
Stadttheater

*Harold W. Kroto*

**Discussion with Young Scientists**

<b>17.00</b> Discussion Landratsamt	<i>William E. Moerner</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Discussion Hotel Bayer. Hof	<i>Oliver Smithies</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Discussion Evang. Hospital	<i>J. Robin Warren</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Discussion Forum am See	<i>Ada E. Yonath</i> <b>Discussion with Young Scientists</b>
<b>17.00</b> Master Class Hotel Bayer. Hof	<i>Master Class with Peter C. Doherty</i> <b>How the Immune System Works</b> <i>Olesja Bondarenko</i> National Institute of Chemical Physics and Biophysics, Estonia <i>Carina Dehner</i> Institute of Anatomy and Cell Biology, Ludwig-Maximilian-Universität, Germany <i>Stephen Rubino</i> Harvard Medical School and Brigham and Women's Hospital, USA <i>Ondřej Štěpánek</i> Department of Biomedicine, University and University Hospital Basel, Switzerland <i>Bonnie L. van Wilgenburg</i> University of Oxford, United Kingdom Access: with online pre-registration only

<b>17.00</b> Master Class Hotel Bayer. Hof	<i>Master Class with Kurt Wüthrich</i> <b>NMR Spectroscopy and Magnetic Resonance Imaging, from Physics to Medical Diagnosis</b> <i>Serge Alain Fobofou</i> Department of Bioorganic Chemistry, Leibniz Institute of Plant Biochemistry, Germany <i>Michael A. Klatt</i> Department of Physics, Friedrich-Alexander Universität Erlangen-Nürnberg, Germany <i>Lauren E. Marbella</i> Department of Chemistry, University of Pittsburgh, United States <i>Nicole Marinsek</i> Dynamical Neuroscience, University of California, Santa Barbara, United States <i>Robert J. Messinger</i> CNRS, France Access: with online pre-registration only
<b>18.30</b>	<b>Break</b>
<b>19.30</b> Social Function Inselhalle 	<b>Bavarian Evening</b> hosted by the Elite Network of Bavaria and the Free State of Bavaria <b>Words of Welcome</b> <i>Ludwig Spaenle</i> Bavarian State Minister of Education, Science and the Arts, Germany <b>Bavaria – Land of Science and Research</b> <i>Klaus von Klitzing</i> Max Planck Institute for Solid State Research, Germany <b>Current Research Projects in the Elite Network of Bavaria</b> <i>Vanessa Jane Bukas, Michael Klatt</i> <b>Bavarian Music &amp; Folk Dance</b> <b>Bavarian Buffet Dinner</b> Access: Nobel Laureates, Young Scientists Access for guests with online pre-registration only

07.15

MS Sonnenkönigin



## Baden-Württemberg Boat Trip to Mainau Island

hosted by the State of Baden-Württemberg

Access: Nobel Laureates, Young Scientists

Access for guests with online pre-registration only

07.15

Lindau Harbour

## Check In (Lindau)

07.45

Lindau Harbour

## Departure (Lindau)

08.00

Bad Schachen

## Arrival (Hotel Bad Schachen)

08.15

Bad Schachen

## Departure (Hotel Bad Schachen)

## Welcome

*Klaus-Peter Murawski*

State Secretary and Head of the State Chancellery

Ministry of State Baden-Württemberg, Germany

10.20

Mainau Island

## Arrival (Mainau Island)



## WANT TO DISCUSS SCIENCE?

Visit the meeting blog at  
[blog.lindau-nobel.org](http://blog.lindau-nobel.org)

11.00

Closing Panel

Discussion

Mainau Island

Castle Meadow

## Panel Discussion: Science Education

*Lucia Prieto Godino*

Postdoctoral researcher,

Center for Integrative Genomics, University of Lausanne, Switzerland

*Harold W. Kroto*

Department of Chemistry and Biochemistry, The Florida State University, United States

*Kailash Satyarthi*

Nobel Peace Laureate 2014, India

*Georg Schütte*

State Secretary, German Federal Ministry of Education and Research, Germany

*Moderator: Alok Jha*

ITV News, United Kingdom

Access: all participants

*Jubilee Remarks*

José Manuel Barroso

Former EU Commission President

13.00

Lunch Break

Mainau Island



## Picnic Lunch on the Castle Meadow

hosted by the State of Baden-Württemberg

15.30

Castle Courtyard

## Conclusion & Farewell

*Countess Bettina Bernadotte*

President of the Council for the Lindau Nobel Laureate Meetings

*Theresia Bauer*

Minister of Science, Research and the Arts

Government of the State of Baden-Württemberg, Germany

16.30

Mainau Harbour

## Departure (Mainau Island)

## Baden-Württemberg Boat Trip to Lindau

hosted by the State of Baden-Württemberg

Access: Nobel Laureates, Young Scientists, guests

18.30

Bad Schachen

## Arrival (Hotel Bad Schachen)

18.45

Lindau Harbour

## Arrival (Lindau)

FRIDAY, 3 JULY

**Note:**

*For all participants departing on Friday and not returning to their hotel: No travel luggage may be taken on the boat. Two luggage lorries will be available; please place your luggage accordingly.*

*Lorry 1: to "Mainau Island": for those not returning to Lindau. Pick-up at main entrance on Mainau Island until 17.30 hrs.*

*Lorry 2: to "Lindau": for those leaving directly after their return to Lindau. Pick-up at Lindau harbour immediately after arrival.*

*Certificates of Attendance will be available on the boat.*

*Bus transfers will be provided for guests with confirmed participation for the events on Mainau Island, but without confirmed boat trip.*



THE LINDAU MEETINGS: NOW AND THEN  
An Exhibition

28 March – 18 October 2015 | Stadtmuseum Lindau  
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## ABOUT THE MEETINGS

### *The Meetings*

---

The Lindau Nobel Laureate Meetings – established in 1951 – provide globally recognised forums for the exchange of knowledge between Nobel Laureates and Young Scientists. They inspire scientific generations and build sustainable networks of Young Scientists from around the world.

The participants at the Lindau Meetings are characterised by diversity. They all come from a variety of national and scientific backgrounds and have very different ways of communicating. This makes the Nobel Laureate Meetings unique in the world and a model of the kind of visionary cooperation which science will increasingly need in the future. Furthermore, scientific progress will need to be firmly anchored in international and interdisciplinary networks of individuals working together. Lindau provides the stimulus for such networks to take root and grow.

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 the significance of the meetings for the reconciliation of the peoples of post-war Europe early and thus systematically developed it 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 meetings. The executive secretariat is responsible for their 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

## ABOUT THE MEETINGS

awarding the Nobel Prizes: at least one of the two scientific chairpersons of each conference is a member of the institutions that select the Nobel Laureates.

The foundation was established in the year 2000 by the council and the Bernadotte family on the initiative of 50 Nobel Laureates. Prof. Dr. h.c. Wolfgang Schürer 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 besides ensuring sustainable funding.

The Lindau Meetings enjoy widespread support. Almost 300 Nobel Laureates are members of the founders' assembly of the foundation and demonstrate – through their membership and their participation in the Lindau Dialogue – their support for the principle of the Lindau Nobel Laureate 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 enabled thanks to the support received from companies, associations and private patrons, on the one hand, and from national and state ministries, the International Lake Constance Conference and the European Commission on the other.

International companies, selected foundations, associations and private patrons assure the material 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. The success of the Lindau Meetings can also be attributed not least 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.

## ABOUT THE MEETINGS

### *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 world-wide.

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

A full list of academic partners can be found in the Participants Directory.

### *Lanyard Color Key*

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

## ABOUT THE MEETINGS

### *Programme Session Types*

---

The 65<sup>th</sup> Lindau Nobel Laureate Meeting features a variety of session formats. In general, the mornings usually offer plenary formats, while the afternoons add more interactive elements.

#### *Plenary Lecture*

Plenary lectures are given by Nobel Laureates only. They may choose a topic of their liking – be it their Nobel Prize research, be it something else. As the time is limited to thirty minutes, there is usually no discussion.

#### *Plenary Panel Discussion*

In a plenary panel discussion, several panelists jointly discuss one topic. This year, three discussions are offered: on Monday (“The Quest for Interdisciplinarity: Inspiration or Distraction?”), on Thursday (“Communication Overkill?”) and on Friday (“Science Education”).

#### *Discussion Sessions*

In the afternoon, all lectures held in the morning can be discussed in separate discussion sessions. These research-oriented discussions are strictly limited to Laureates and Young Scientists, and switching between sessions should be avoided.

#### *Master Class*

This format will offer a most intense exchange between Young Scientists and Laureates, as selected Young Scientists present their research and then engage in an in-depth discussion with a Laureate. Attendance requires online pre-registration.

#### *Science Breakfasts*

Science breakfasts are additional options for a more informal exchange. They are organised by Lindau's partners, featuring talks, discussions and a joint breakfast with a Nobel Laureate. Attendance requires online pre-registration.

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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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Emil Nolde, Große Mühle, 1907 bzw. 1915 © 2015 Nolde Stiftung Seebüll

## NOLDE

by Emil Nolde

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# LINDAU ISLAND MAP



Inselhalle

Evangelisches Hospital

Toskanapark

Parktheater

Stadtmuseum

Landratsamt

Stadttheater

Forum am See

Altes Rathaus

Hotel Bayerischer Hof

Lindau Harbour

 Bus stop

# LINDAU VICINITY MAP



# BUS LINES & TIME TABLE



## Special Operating Hours during the Meeting

On Monday night, 29 June, the last buses leave at 00.40 hrs from the central connection point (ZUP) and serve all stops along their lines.

On Tuesday night, 30 June and Thursday night, 2 July the last buses leave at 23.40 hrs from the central connection point (ZUP) and serve all stops along their lines.

## How to Read the Time Table

The time table on the opposite page shows operating hours and departure times for all four lines and both directions. The first three columns (earliest, Saturday, Sunday) indicate when the earliest bus runs from each stop, while the last columns show the last service. The two middle columns (every hour at) 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).

	earliest Saturday	Sunday	every hour at	latest		earliest Saturday	Sunday	every hour at	latest		
<b>Bus Line #1 from Oberhochsteg via ZUP to Main Station (Island)</b>					<b>Bus Line #1 from Main Station (Island) via ZUP to Oberhochsteg</b>						
Oberhochsteg	5.24	6.24	7.24	24 54	22.24	Hauptbahnhof/Insel	5.21	6.21	7.21	21 51	22.21
Rickenbach	5.25	6.25	7.25	25 55	22.25	Altes Rathaus	5.28	6.28	7.28	28 58	22.28
Bayerstraße	5.26	6.26	7.26	26 56	22.26	Stadttheater	5.30	6.30	7.30	30 00	22.30
Nobelstraße	5.27	6.27	7.27	27 57	22.27	Maxhof	5.31	6.31	7.31	31 01	22.31
Wannental	5.28	6.28	7.28	28 58	22.28	Toskana	5.33	6.33	7.33	33 03	22.33
Lugeck	5.29	6.29	7.29	29 59	22.29	Langenweg	5.34	6.34	7.34	34 04	22.34
Schule Reutin	5.30	6.30	7.30	30 00	22.30	Anheggerstraße (ZUP)	5.40	6.40	7.40	40 10	22.40
Wiedemannstraße	5.31	6.31	7.31	31 01	22.31	Bodensee-Gymnasium	5.41	6.41	7.41	41 11	22.41
Josefskirche	5.32	6.32	7.32	32 02	22.32	Blauwiese	5.42	6.42	7.42	42 12	22.42
Köchlin	5.34	6.34	7.34	34 04	22.34	Köchlin	5.43	6.43	7.43	43 13	22.43
Blauwiese	5.35	6.35	7.35	35 05	22.35	Josefskirche	5.44	6.44	7.44	44 14	22.44
Bodensee-Gymnasium	5.36	6.36	7.36	36 06	22.36	Wiedemannstraße	5.45	6.45	7.45	45 15	22.45
Anheggerstraße (ZUP)	5.40	6.40	7.40	40 10	22.40	Schule Reutin	5.46	6.46	7.46	46 16	22.46
Langenweg	5.41	6.41	7.41	41 11	22.41	Lugeck	5.47	6.47	7.47	47 17	22.47
Toskana	5.42	6.42	7.42	42 12	22.42	Wannental	5.48	6.48	7.48	48 18	22.48
Heidenmauer	5.43	6.43	7.43	43 13	22.43	Nobelstraße	5.49	6.49	7.49	49 19	22.49
Inselhalle	5.44	6.44	7.44	44 14	22.44	Bayerstraße	5.50	6.50	7.50	50 20	22.50
Hauptbahnhof/Insel an	5.46	6.46	7.46	46 16	22.46	Rickenbach	5.51	6.51	7.51	51 21	22.51
						Oberhochsteg an	5.53	6.53	7.53	53 23	22.53

	earliest Saturday	Sunday	every hour at	latest		earliest Saturday	Sunday	every hour at	latest		
<b>Bus Line #2 from Unterreitnau via ZUP to Main Station (Island)</b>					<b>Bus Line #2 from Main Station (Island) via ZUP to Unterreitnau</b>						
Unterreitnau	5.24	6.24	7.24	24 54	22.24	Hauptbahnhof/Insel	5.26	6.26	7.26	26 56	22.26
Eggatsweiler	5.25	6.25	7.25	25 55	22.25	Altes Rathaus	5.28	6.28	7.28	28 58	22.28
Schönau	5.28	6.28	7.28	28 58	22.28	Stadttheater	5.30	6.30	7.30	30 00	22.30
Entenberg	5.29	6.29	7.29	29 59	22.29	Maxhof	5.31	6.31	7.31	31 01	22.31
Hoyren	5.30	6.30	7.30	30 00	22.30	Toskana	5.33	6.33	7.33	33 03	22.33
Hochbuch	5.32	6.32	7.32	32 02	22.32	Langenweg	5.34	6.34	7.34	34 04	22.34
Heimesreutin	5.33	6.33	7.33	33 03	22.33	Anheggerstraße (ZUP)	5.40	6.40	7.40	40 10	22.40
Gstäudweg	5.34	6.34	7.34	34 04	22.34	Christuskirche	5.41	6.41	7.41	41 11	22.41
Schloß Moos	5.35	6.35	7.35	35 05	22.35	Schloß Moos	5.42	6.42	7.42	42 12	22.42
Christuskirche	5.36	6.36	7.36	36 06	22.36	Gstäudweg	5.43	6.43	7.43	43 13	22.43
Anheggerstraße (ZUP)	5.40	6.40	7.40	40 10	22.40	Heimesreutin	5.44	6.44	7.44	44 14	22.44
Langenweg	5.41	6.41	7.41	41 11	22.41	Hochbuch	5.45	6.45	7.45	45 15	22.45
Toskana	5.42	6.42	7.42	42 12	22.42	Hoyren	5.47	6.47	7.47	47 17	22.47
Heidenmauer	5.43	6.43	7.43	43 13	22.43	Entenberg	5.48	6.48	7.48	48 18	22.48
Inselhalle	5.44	6.44	7.44	44 14	22.44	Schönau	5.49	6.49	7.49	49 19	22.49
Westliche Insel	5.45	6.45	7.45	45 15	22.45	Unterreitnau an	5.53	6.53	7.53	53 23	22.53
Hauptbahnhof/Insel an	5.50	6.50	7.50	50 20	22.50						

	earliest Saturday	Sunday	every hour at	latest		earliest Saturday	Sunday	every hour at	latest		
<b>Bus Line #3 from Oberreitnau Nord via ZUP to Grenzsiedlung/Zech</b>					<b>Bus Line #3 from Grenzsiedlung/Zech via ZUP to Oberreitnau Nord</b>						
Oberreitnau Nord	5.23	6.23	7.23	23 53	22.23	Grenzsiedlung/Zech	5.25	6.25	7.25	25 55	22.25
Emersberg/Oberreitnau	5.24	6.24	7.24	24 54	22.24	Kunert	5.26	6.26	7.26	26 56	22.26
Marienplatz/Oberreitnau	5.25	6.25	7.25	25 55	22.25	Metzler	5.27	6.27	7.27	27 57	22.27
Kapelle	5.26	6.26	7.26	26 56	22.26	Gewerbegebiet	5.29	6.29	7.29	29 59	22.29
Paradies	5.27	6.27	7.27	27 57	22.27	Von-Behring-Straße	5.30	6.30	7.30	30 00	22.30
Schönau	5.29	6.29	7.29	29 59	22.29	Stadtwerke	5.30	6.30	7.30	30 00	22.30
Entenberg	5.30	6.30	7.30	30 00	22.30	Kamelbuckel	5.31	6.31	7.31	31 01	22.31
Hoyren	5.31	6.31	7.31	31 01	22.31	Buttlerhügel	5.32	6.32	7.32	32 02	22.32
Krankenhaus	5.33	6.33	7.33	33 03	22.33	Berliner Platz	5.33	6.33	7.33	33 03	22.33
Holbeinstraße	5.34	6.34	7.34	34 04	22.34	Jugendherberge/LIMARE	5.35	6.35	7.35	35 05	22.35
Am Torggel	5.35	6.35	7.35	35 05	22.35	Anheggerstraße (ZUP)	5.40	6.40	7.40	40 10	22.40
Aeschach	5.36	6.36	7.36	36 06	22.36	Aeschach	5.41	6.41	7.41	41 11	22.41
Anheggerstraße (ZUP)	5.40	6.40	7.40	40 10	22.40	Am Torggel	5.42	6.42	7.42	42 12	22.42
Jugendherberge/LIMARE	5.42	6.42	7.42	42 12	22.42	Holbeinstraße	5.43	6.43	7.43	43 13	22.43
Berliner Platz	5.43	6.43	7.43	43 13	22.43	Krankenhaus	5.44	6.44	7.44	44 14	22.44
Buttlerhügel	5.44	6.44	7.44	44 14	22.44	Hoyren	5.45	6.45	7.45	45 15	22.45
Kamelbuckel	5.45	6.45	7.45	45 15	22.45	Entenberg	5.46	6.46	7.46	46 16	22.46
Stadtwerke	5.46	6.46	7.46	46 16	22.46	Schönau	5.47	6.47	7.47	47 17	22.47
Von-Behring-Straße	5.46	6.46	7.46	46 16	22.46	Paradies	5.48	6.48	7.48	48 18	22.48
Gewerbegebiet	5.47	6.47	7.47	47 17	22.47	Kapelle	5.49	6.49	7.49	49 19	22.49
Metzler	5.48	6.48	7.48	48 18	22.48	Marienplatz	5.50	6.50	7.50	50 20	22.50
Versöhnkirche	5.49	6.49	7.49	49 19	22.49	Oberreitnau Nord an	5.52	6.52	7.52	52 22	22.52
Kopernikusplatz/Zech	5.52	6.52	7.52	52 22	22.52						
Leiblachstraße	5.52	6.52	7.52	52 22	22.52						
Grenzsiedlung/Zech an	5.55	6.55	7.55	55 25	22.55						

	earliest Saturday	Sunday	every hour at	latest		earliest Saturday	Sunday	every hour at	latest		
<b>Bus Line #4 from Rehlings/Weißenberg via ZUP to Alwind</b>					<b>Bus Line #4 from Alwind via ZUP to Rehlings/Weißenberg</b>						
Rehlings/Weißenberg	5.23	6.23	7.23	23 53	22.23	Alwind	5.24	6.24	7.24	24 54	22.24
Lindenstraße/Weißenberg	5.25	6.25	7.25	25 55	22.25	Degelstein	5.25	6.25	7.25	25 55	22.25
Motzacher Wald	5.28	6.28	7.28	28 58	22.28	Ebnet	5.26	6.26	7.26	26 56	22.26
Motzach	5.29	6.29	7.29	29 59	22.29	Johannes d. Täufer	5.27	6.27	7.27	27 57	22.27
Inselbrauerei	5.30	6.30	7.30	30 00	22.30	Enzisweiler Post	5.28	6.28	7.28	28 58	22.28
Rotmoosstraße	5.31	6.31	7.31	31 01	22.31	Schachener Hof	5.30	6.30	7.30	30 00	22.30
Rennerle	5.33	6.33	7.33	33 03	22.33	Schwesterberg	5.31	6.31	7.31	31 01	22.31
Friedhof Aeschach	5.34	6.34	7.34	34 04	22.34	Giebelbach	5.32	6.32	7.32	32 02	22.32
V-Heider-Gymnasium	5.35	6.35	7.35	35 05	22.35	Wackerstraße	5.33	6.33	7.33	33 03	22.33
Anheggerstraße (ZUP)	5.40	6.40	7.40	40 10	22.40	Musikschule	5.34	6.34	7.34	34 04	22.34
Langenweg	5.41	6.41	7.41	41 11	22.41	Lärche	5.35	6.35	7.35	35 05	22.35
Musikschule	5.42	6.42	7.42	42 12	22.42	Anheggerstraße (ZUP)	5.40	6.40	7.40	40 10	22.40
Wackerstraße	5.43	6.43	7.43	43 13	22.43	V-Heider-Gymnasium	5.41	6.41	7.41	41 11	22.41
Giebelbach	5.44	6.44	7.44	44 14	22.44	Friedhof Aeschach	5.42	6.42	7.42	42 12	22.42
Schwesterberg	5.45	6.45	7.45	45 15	22.45	Rennerle	5.43	6.43	7.43	43 13	22.43
Schachener Hof	5.46	6.46	7.46	46 16	22.46	Rotmoosstraße	5.45	6.45	7.45	45 15	22.45
Enzisweiler Post	5.48	6.48	7.48	48 18	22.48	Inselbrauerei	5.46	6.46	7.46	46 16	22.46
Johannes d. Täufer	5.49	6.49	7.49	49 19	22.49	Hasenbank	5.47	6.47	7.47	47 17	22.47
Ebnet	5.50	6.50	7.50	50 20	22.50	Schönbühl	5.50	6.50	7.50	50 20	22.50
Degelstein	5.51	6.51	7.51	51 21	22.51	Niederhaus	5.51	6.51	7.51	51 21	22.51
Alwind an	5.53	6.53	7.53	53 23	22.53	Rehlings/Weißenberg an	5.52	6.52	7.52	52 22	22.52

## GOOD TO KNOW

### Opening Hours Registration Desk

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Sunday, 28 June	10.00 – 20.00	
Monday, 29 June	08.30 – 13.30	
Tuesday, 30 June	08.30 – 12.30	14.00-19.00
Wednesday, 1 July	08.30 – 19.00	
Thursday, 2 July	08.30 – 13.30	

### On site Contacts

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The office can be reached during the meeting as follows:

Registration Desk	+49 8382 260-633	Fax	-660
	+49 8382 27731-0		
Press Office	+49 8382 260-632		
email	info@lindau-nobel.org		
Emergency	112		
Taxi	+49 8382 6006 or +49 8382 4455		

## GOOD TO KNOW

### Scientific Chairmen of the 65<sup>th</sup> Lindau Nobel Laureate Meeting

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#### Lars Bergström

*Secretary of Nobel Committee for Physics  
Nobel Committee for Physics, The Royal Swedish Academy, Stockholm, Sweden  
Professor of Theoretical Physics, Stockholm University*

#### Rainer Blatt

*Member of the Austrian Academy of Sciences, Austria  
Institute of Experimental Physics, University of Innsbruck, Austria*

#### Astrid Gräslund

*Professor of Biophysics, Department of Biochemistry and Biophysics, University of Stockholm, Sweden*

#### Stefan H. E. Kaufmann

*Director, Max Planck Institute for Infection Biology, Berlin, Germany  
Professor for Microbiology and Immunology, Charité University Clinics, Berlin, Germany*

#### Klas Kärre

*Chairperson, Nobel Assembly for Physiology or Medicine at Karolinska Institutet, Stockholm, Sweden  
Professor in Molecular Immunology, Department of Microbiology, Tumor and Cell Biology, Karolinska Institutet, Stockholm, Sweden*

#### Wolfgang Lubitz

*Director, Max Planck Institute for Chemical Energy Conversion, Mülheim / Ruhr, Germany*

### Future Meetings

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#### 66<sup>th</sup> Lindau Nobel Laureate Meeting (Physics)

*26 June – 1 July 2016*

#### 67<sup>th</sup> Lindau Nobel Laureate Meeting (Chemistry)

*25 June – 30 June 2017*

#### 6<sup>th</sup> Lindau Meeting on Economic Sciences

*22 – 26 August 2017*

#### 68<sup>th</sup> Lindau Nobel Laureate Meeting (Physiology & Medicine)

*24 June – 29 June 2018*





LINDAU  
NOBEL LAUREATE  
MEETINGS

Council for the Lindau Nobel Laureate Meetings  
Foundation Lindau Nobel Laureate Meetings

Alfred-Nobel-Platz 1  
88131 Lindau  
Germany

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