BRIDGES
DIALOGUES TOWARDS A CULTURE OF PEACE
Facilitated by The International Peace Foundation

Prof. Sir Andre Geim
Prof. Gerardus 't Hooft
Mrs. Tawakkol Karman
Prof. Roger D. Kornberg
Prof. Didier Queloz
Ms. Nadia Murad
Prof. Sir Christopher A. Pissarides
Prof. Eric S. Maskin
Prof. Thomas C. Suedhof
Prof. Aaron Ciechanover
Prof. Donna Strickland
Prof. Joseph E. Stiglitz
Prof. Serge Haroche
Prof. Brian P. Schmidt
Prof. Michel Mayor
Prof. Morten P. Meldal
Prof. Robert F. Engle III
Dr. Sir Richard J. Roberts
Prof. May-Britt Moser
Dr. Sir Paul Nurse
Prof. Sir Gregory P. Winter
Prof. Gregg L. Semenza
Prof. Arthur B. McDonald
Prof. Ryoji Noyori
Prof. Kurt Wuethrich
Prof. Edvard I. Moser
Prof. Charles M. Rice
Prof. Alvin E. Roth
Prof. Brian K. Kobilka
Prof. Takaaki Kajita
Prof. Joachim Frank

TAIWAN

Program Book of the TAIWAN BRIDGES EVENT SERIES from NOVEMBER 2025 to MAY 2026 in TAIWAN

facilitated by
THE INTERNATIONAL PEACE FOUNDATION
Detailed information on
www.peace-bridges.net

BRIDGES

INTERNATIONAL PEACE FOUNDATION
NETWORK FOR THE PRO-MOTION OF PEACE

CONTENT

Program Book of the TAIWAN BRIDGES EVENT SERIES

IMPRINT: The International Peace Foundation thanks its designer Željko Bašura who has been responsible for the foundation's artwork since over 20 years. His special way of creating a culture of peace through art has helped us to build bridges across the world. We are grateful for his dedication to continuously and voluntarily donating his time and energy to this cause.

WORDS OF WELCOME BY DR. LAI CHING-TE

President, Republic of China (Taiwan)
and Honorary Chairman, TAIWAN BRIDGES

TAIWAN - WHERE WORLD-CLASS MINDS CONVERGE FOR PEACE

With immense pride and joy, I welcome you to TAIWAN BRIDGES, a landmark international program co-organized by National Taiwan University and Academia Sinica. This program has invited 31 Nobel laureates from a wide spectrum of disciplines to deliver lectures at leading academic institutions across Taiwan from November 2025 to May 2026. NTU and Academia Sinica are joined by 10 partners in sponsoring and hosting those exchanges, expanding the program's impact and outreach.

The caliber of featured laureates is extraordinary. From a pioneer in materials science to a voice for justice that transcends borders. From a champion of global economic fairness to trailblazers whose work redefines human understanding. Each laureate brings insights that link science with society, and innovation with humanity. Their presence here is not only a mark of distinction but also a gift to Taiwan's academic community and public.

Yet, TAIWAN BRIDGES is more than a lecture series – it is a living dialogue. A vibrant, cross-cultural exchange of ideas. A platform where bold thinking meets deep empathy, and where young minds are inspired to lead with curiosity and responsibility. As these laureates engage with our campuses and communities, Taiwan will further emerge as a hub for global thought, collaboration, and innovation.

This program would not have been possible without the unwavering dedication of Chairman Uwe Morawetz of the International Peace Foundation. His tireless efforts to build cross-border platforms for intellectual and humanitarian collaboration have brought this visionary initiative to life across the globe—and now, to Taiwan. We are honored to join this global network, a new starting point for deeper engagement between knowledge and peace.

I also wish to express my sincere appreciation to President Chen Wen-chang of National Taiwan University and President James C. Liao of Academia Sinica for serving as co-chairmen. Their leadership and institutional support have been instrumental in shaping this program. Their partnership reflects Taiwan's highest academic ideals and the promotion of global cooperation and democratic values.

Special recognition goes to Dr. Lee Yuan-tseh, Nobel laureate in Chemistry and former president of Academia Sinica. As Taiwan's first Nobel laureate, Dr. Lee has long stood as a symbol of scientific excellence and civic leadership. It was through his early advocacy and encouragement that the idea of bringing the program to Taiwan came to fruition. His influence laid the foundation for what we celebrate today.

Finally, I extend heartfelt appreciation to Chairman Raymond Soong of Lite-On Technology. His generous support and belief in the transformative power of intellectual exchange have helped turn this vision into reality. TAIWAN BRIDGES stands as a testament to what is possible when leadership, resources, and shared values converge for the public good.

I believe, in a world challenged by conflict, polarization, and distrust, our most powerful tools are inclusive dialogue, scientific partnership, and shared humanitarian values. As I stated in my inaugural address, Taiwan is a "pilot for global peace." That promise is carried forward with initiatives like TAIWAN BRIDGES, where science, education, and diplomacy unite in pursuit of common ground and a better future.

To all participants—students, educators, researchers, and honored guests, I hope your time at TAIWAN BRIDGES inspires bold ideas, forges meaningful connections, and leads to lasting impact. Together, let us bridge borders, disciplines, and generations, and take a step together toward a future defined by peace, knowledge, and cooperation.

On behalf of the people of Taiwan, welcome, and I wish you a truly inspiring experience at TAIWAN BRIDGES.

DR. LAI CHING-TE
President, Republic of China (Taiwan)
Honorary Chairman, TAIWAN BRIDGES

FOREWORD BY DR. JAMES C. LIAO

President, Academia Sinica
and Co-Chairman, TAIWAN BRIDGES

Since its inception in 2003, the BRIDGES – Dialogues Towards a Culture of Peace series – initiated and facilitated by the International Peace Foundation – has been held across most ASEAN countries and in Japan. Through a wide array of meaningful and impactful activities, BRIDGES has established itself as a distinguished international, intercultural, and interdisciplinary platform for promoting creative learning, lifelong education, and mutual understanding among people of diverse backgrounds.

It is my great honor to announce that TAIWAN BRIDGES, as part of this esteemed series, will take place from November 2025 to May 2026. During this period, thirty one Nobel Laureates will visit Taiwan. As Co-Chairman of TAIWAN BRIDGES, I would like to express my deepest gratitude to His Serene Highness Prince Alfred of Liechtenstein, Chairman of the Advisory Board of the International Peace Foundation, and to Mr. Uwe Morawetz, Founding Chairman of the Foundation, for bringing this inspiring initiative to Taiwan.

I am also delighted to extend a heartfelt welcome to the Nobel Laureates, who will visit Academia Sinica and approximately a dozen universities across Taiwan to share their invaluable knowledge and experience. I am confident that the lectures and dialogues led by these eminent scholars will offer rare and enriching insights across a wide range of disciplines.

Taiwan is globally recognized for its economic vitality, but it is equally renowned for its rich cultural heritage, cutting-edge scientific research, and breathtaking natural beauty. As a hub of international trade and innovation, Taiwan upholds peace and prosperity as core values, and remains steadfast in its commitment to global cooperation, the promotion of mutual understanding, and the pursuit of peaceful coexistence among nations.

While the models of human civilization continue to evolve, our pursuit of goodness and empathy for others remains unwavering. These are the values that underpin the progress of civilization. I believe that TAIWAN BRIDGES will not only serve as an enlightening educational platform but will also foster open-mindedness, inclusivity, and deep respect for cultural diversity and differing perspectives. Only through empathy for those who suffer, and through mutual respect among all peoples, can we take meaningful steps toward a world of lasting peace and harmony.

I cordially invite your participation in this remarkable endeavor and extend my best wishes for the resounding success of TAIWAN BRIDGES.

DR. JAMES C. LIAO
President, Academia Sinica
Co-Chairman, TAIWAN BRIDGES

FOREWORD BY DR. WEN-CHANG CHEN

President, National Taiwan University
and Co-Chairman, TAIWAN BRIDGES

National Taiwan University (NTU) is deeply proud to join Academia Sinica as the co-organizer of TAIWAN BRIDGES. This invaluable opportunity to facilitate lectures and exchanges involving 31 distinguished Nobel Laureates is both humbling and invigorating—not only for our university, but for the academic and research communities across Taiwan.

TAIWAN BRIDGES is part of a long-standing initiative by the International Peace Foundation (IPF). Since 2003, under the leadership of Chairman Uwe Morawetz, IPF has brought Nobel Laureates into dialogue with universities, policymakers, and the public throughout Asia and the world. Making its debut in Taiwan, the scale of this program is unprecedented, engaging 12 of the nation's most prestigious institutions over a span of seven months.

From the outset, NTU recognized the significance of this program: a platform for the world's most influential scholars and change-makers to engage with Taiwan's academic, social, and civic communities. This echoes the spirit NTU holds at its core, as we believe a university's role extends beyond the advancement of knowledge. It must also create a positive, lasting impact—locally and globally—by fostering collaboration and addressing the major issues facing humanity. As NTU approaches its centennial, we are committed to responding to the defining challenges of our era: digital transformation, smart technology, sustainability, and resource optimization. And we see TAIWAN BRIDGES as a continuation of this enduring commitment to openness, dialogue, and public engagement.

Finally, I would like to express heartfelt gratitude to Chairman Raymond Soong of Lite-On Technology. His steadfast belief in the power of intellectual excellence was crucial in making this program a reality.

By bringing together great minds, I believe TAIWAN BRIDGES will stand as a shared investment in our collective future. We welcome the meaningful conversations it will inspire and the lasting connections it will help cultivate.

Sincerely yours,

DR. WEN-CHANG CHEN
President, National Taiwan University
Co-Chairman, TAIWAN BRIDGES

NOVEMBER 10, 2025

PROF. SIR ANDRE GEIM

2010 Nobel Laureate for Physics
at the School of Physics and Astronomy of the University of Manchester/UK

Sir Andre Geim's discoveries sparked breakthroughs across many fields – from materials to life sciences and from electronics to construction technologies.

ANDRE GEIM is Regius Professor at the University of Manchester, United Kingdom. He was awarded the 2010 Nobel Prize in Physics for his groundbreaking research on graphene, a one-atom-thick material made of carbon. He also received numerous international awards and distinctions, including medals from the Royal Society and the US National Academy of Sciences, and holds honorary doctorates and professorships from many countries and universities. Geim is a member of the British, Chinese and American academies of science, among others. Thomson-Reuters repeatedly named him among the world's most active scientists and attributed to him three new research fronts – diamagnetic levitation, gecko tape and graphene. More than 40 of his papers were cited >1,000 times with nine of them >10,000 times. Two of the latter are among 100 most cited research papers in human history, according to journal Nature. He was also awarded the 2000 Ig Nobel Prize for his work on levitation, becoming the first and only recipient of both Nobel and Ig Nobel Prizes. Sir Andre was knighted twice, by Dutch and British monarchs.

Topic of keynote speech

WONDER MATERIALS

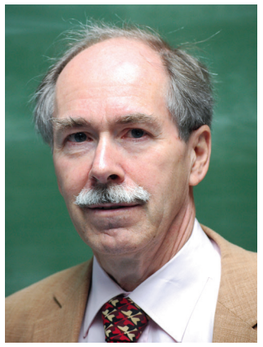
Schedule
Monday, November 10, 2025:
10:00
Public keynote speech and dialogue
at the **National Taiwan University** in Taipei

Further information and free seat reservation via
phone +886-2-3366-4684 or
email ycleou@ntu.edu.tw

NOVEMBER 14, 2025

PROF. GERARDUS 'T HOOFT

1999 Nobel Laureate for Physics
at the Institute for Theoretical Physics of the University in Utrecht/Netherlands



Prof. 't Hooft is regarded as one of the most influential particle theorists in history, playing a leading role in the renaissance of high-energy physics.

PROF. GERARDUS 'T HOOFT is a Dutch physicist who is regarded as one of the most influential particle theorists in history, playing a leading role in the renaissance of high-energy physics. He shared the 1999 Nobel Prize for Physics with Prof. Martinus J.G. Veltman for their development of a mathematical model that enabled scientists to predict the properties of both the subatomic particles that constitute the universe and the fundamental forces through which they interact. This work facilitated the finding of a new subatomic particle, the top quark, and established the standard model of high-energy physics. Gerardus 't Hooft was a student of Prof. Veltman at the University of Utrecht at a time when the fundamental theory of particle physics, known as the standard model, did not provide for detailed calculations of physical quantities. In the 1960s scientists had formulated the electroweak theory, which showed theoretically that two of the model's fundamental forces, electromagnetism and the weak nuclear force, could be viewed as products of a single force, termed the electroweak force. The electroweak theory was without a mathematical foundation, however, and in 1969 Professors 't Hooft and Veltman undertook to change it into a workable theory.

Topic of keynote speech

EDUCATION AND COLLABORATION IN FUNDAMENTAL SCIENCE AS BRIDGES BETWEEN NATIONS

Schedule
Friday, November 14, 2025:
14:00
Keynote speech and dialogue
at **Tamkang University** in New Taipei

Further information and free seat reservation via
phone +886-2-2621-5656 #2223 or
email ptrx@oa.tku.edu.tw

NOVEMBER 17, 2025

MRS. TAWAKKOL KARMAN

2011 Nobel Peace Laureate
and Human Rights Activist, Sana'a/Yemen

Mrs. Karman became the first Yemeni, the first Arab woman, the second Muslim woman and at age 32 one of the youngest-ever recipients of the Nobel Peace Prize.

TAWAKKOL KARMAN, a Yemeni journalist and human rights activist, was the first Arab woman to win the Nobel Peace Prize in 2011. Known as "The Lady of the Arab Spring" she led hundreds of protests against Yemen's dictatorial regime, advocating for democracy and freedom of speech. She founded Women Journalists Without Chains and the Peaceful Revolutionary Youth Council, facing imprisonment and persecution. She played a pivotal role in pressuring former Yemeni President Ali Abdullah Saleh, who ruled from 1978 to 2012, to relinquish power and was praised for her efforts against tyranny in the Arab world and for promoting reconciliation between Shia and Sunni Muslims, countering terrorism and fostering dialogue between Islam and other religions. Appointed by the former UN Secretary-General to the High-Level Panel of Eminent Persons on the Post-2015 Development Agenda, she serves on the boards of several key international organizations, including the Nobel Women's Initiative and Democracy for the Arab World Now (DAWN). Her own Tawakkol Karman Foundation plays an important role in building schools, fighting poverty and supporting health institutions in Yemen.

Topic of keynote speech

SUSTAINABLE DEVELOPMENT AND SHARED FUTURE

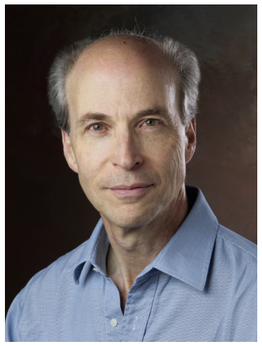
Schedule
Monday, November 17, 2025:
14:00
Public keynote speech and dialogue
at the **National Tsing Hua University** in Hsinchu

Further information and free seat reservation via
phone +886-3-5162498 or
email dgs@my.nthu.edu.tw

NOVEMBER 20, 2025

PROF. ROGER D. KORNBERG

2006 Nobel Laureate for Chemistry
at the School of Medicine of Stanford University/USA



Prof. Kornberg's research offers the potential for unlocking new therapeutic approaches for the treatments of cancer, heart disease and various kinds of inflammation.

PROF. ROGER DAVID KORNBERG is an American biochemist and Professor of Structural Biology at Stanford University School of Medicine. He was awarded the 2006 Nobel Prize for Chemistry for his studies of the molecular basis of eukaryotic transcription which explains the process by which genetic information from DNA is copied to RNA. In elucidating the inner workings of RNA his research team has isolated the proteins responsible for transcription and gene regulation, including those that form a mediator to regulate the process. The team determined the structure of the entire transcription machinery at near atomic resolution. The structure helps explain how disease can result when transcription goes awry and offers the potential for unlocking new therapeutic approaches for the treatments of cancer, heart disease and various kinds of inflammation. During his life's work Professor Kornberg's closest collaborator has been his wife, Dr. Yahli Lorch, while his father, Prof. Arthur Kornberg, received the Nobel Prize in Medicine for studies of how genetic information is transferred from one DNA molecule to another in a process called DNA replication.

Topic of keynote speech

THE END OF DISEASE? THE EXTRAORDINARY DEVELOPMENTS IN BIOMEDICINE AND THE IMPLICATIONS FOR HUMANITY

Schedule
Thursday, November 20, 2025:
14:00
Public keynote speech and dialogue
at **Academia Sinica** in Taipei

Further information and free seat reservation via
phone +886-2-2789-9380 or
email emma@as.edu.tw

NOVEMBER 24, 2025

PROF. DIDIER QUELOZ

2019 Nobel Laureate for Physics
and Founding Director of the Center for the Origin
and Prevalence of Life at ETH Zurich/Switzerland

Prof. Queloz' research is related to the search for Earth-like planets near low-mass stars and for extraterrestrial life, which he predicts humans will discover in the next 25 years.

PROF. DIDIER PATRICK QUELOZ is the Jacksonian Professor at the University of Cambridge and the Founding Director of the Center for the Origin and Prevalence of Life at ETH Zurich who was awarded the 2019 Nobel Prize for Physics as being the first person, together with Prof. Michel Mayor, to find a planet orbiting a Sun-like star outside of our solar system. Until recently the solar system has provided us with the only basis for our knowledge of planets and life in the Universe. In 1995 Professors Queloz and Mayor have dramatically changed this view with the discovery of the first giant planet outside the solar system. This seminal discovery and the development of new astronomical equipments and observational approaches has spawned a revolution in astronomy both in terms of new instrumentation and understanding of planet formation and evolution, and over more than two decades after this discovery thousands of extra-solar planets have become known. Professor Queloz' most recent research is related to the search for Earth-like planets near low-mass stars and for extraterrestrial life, which he predicts humans will discover in the next 25 years.

Topic of keynote speech

THE ROLE OF SCIENCE IN BUILDING A GLOBAL AGENDA FOR PEACE

Schedule
Monday, November 24, 2025:
14:00
Public keynote speech and dialogue at the **National Taiwan Normal University** in Taipei

Further information and free seat reservation via
phone +886-2-7749-1324 or
email friend29@ntnu.edu.tw

DECEMBER 1, 2025

MS. NADIA MURAD

2018 Nobel Peace Laureate
and Human Rights Activist, Washington DC/USA

Ms. Murad is the first United Nations Goodwill Ambassador for the Dignity of Survivors of Human Trafficking and a UN Sustainable Development Goals Advocate.

MS. NADIA MURAD is a human rights activist who was awarded the Nobel Peace Prize in 2018 as a leading advocate for survivors of genocide and sexual violence after enduring the horrific Yazidi Genocide in Iraq, carried out by the Islamic State (ISIS). In 2014 Nadia was captured by ISIS, forced into slavery and subjected to repeated abuse until she managed to escape. Since then she has shared her story to raise awareness about gender-based violence and has become a powerful advocate for women and communities facing extreme brutality and abuse. In her advocacy work Nadia partnered with Amal Clooney to hold ISIS accountable, launched her nonprofit organization Nadia's Initiative to help rebuild communities in crisis and to end conflict-related sexual violence, and collaborated on initiatives that provide enhanced access to care and reparations for survivors. Nadia Murad also authored the New York Times bestselling memoir "The Last Girl: My Story of Captivity and My Fight Against the Islamic State".

Topic of dialogue

WHO CAN INFLUENCE THE END OF CONFLICT-RELATED SEXUAL VIOLENCE (CRSV) WORLDWIDE? – THE POWER OF PERSONAL STORIES AND THE ROLE OF ACTIVISM

Schedule
Monday, December 1, 2025:
14:00
Public dialogue at **Academia Sinica** in Taipei

Further information and free seat reservation via
phone +886-2-2789-9380 or
email emma@as.edu.tw

DECEMBER 9, 2025

PROF. SIR CHRISTOPHER A. PISSARIDES

2010 Nobel Laureate for Economics
and Regius Professor of Economics at the London School of Economics/UK

Sir Christopher is actively involved in securing the conditions for the creation of good work and well-being in the age of AI and automation.

PROF. SIR CHRISTOPHER ANTONIOU PISSARIDES is the Regius Professor of Economics at the London School of Economics and the Professor of European Studies at the University of Cyprus. He was awarded the 2010 Nobel Prize for Economics for his contributions to macroeconomics, notably labor, economic growth, economic policy and structural change. In the last decade he has worked on the employment implications of automation and artificial intelligence and on the emergence of China as a global economic power. He is a Professor-at-Large at the Hong Kong University of Science and Technology and a member of several learner societies. His book "Equilibrium Unemployment Theory" is an influential reference in the economics of unemployment that has been translated into many languages. As co-founder and Co-Chair of the Institute for the Future of Work in London he is actively involved in securing the conditions for the creation of good work and well-being in the age of automation. He has advised the World Bank, the European Commission, the Bank of England and the OECD on employment policy and other macroeconomic issues, and he was knighted by Queen Elizabeth II in 2013.

Topic of keynote speech

AI AND THE FUTURE OF WORK AND WELLBEING

Schedule
Tuesday, December 9, 2025:
14:00
Public keynote speech and dialogue at the **National Cheng Kung University** in Tainan

Further information and free seat reservation via
phone +886-6-2757575 #50950 or
email em50950@email.ncku.edu.tw

DECEMBER 15, 2025

PROF. ERIC S. MASKIN

2007 Nobel Laureate for Economics
and Adams University Professor at Harvard's Department of Economics in Cambridge/USA

Prof. Maskin is well known for his papers on mechanism design and his research projects comparing different electoral rules and examining the causes of inequality.

PROF. ERIC STARK MASKIN is an American economist who was awarded the 2007 Nobel Memorial Prize for Economics "for having laid the foundations of mechanism design theory". He taught at the Massachusetts Institute of Technology and was the Albert O. Hirschman Professor of Social Science at the Institute for Advanced Study in Princeton before becoming the Adams University Professor at Harvard. Professor Maskin has worked in diverse areas of economic theory, such as game theory, the economics of incentives and contract theory. He is particularly well known for his papers on mechanism design/implementation theory and dynamic games. His current research projects include comparing different electoral rules, examining the causes of inequality and studying coalition formation. He is a Fellow of the American Academy of Arts and Sciences, the Econometric Society and the European Economic Association and a Corresponding Fellow of the British Academy. He has served as President of the Econometric Society, the Game Theory Society and the Society for the Advancement of Economic Theory.

Topic of keynote speech

WHY GLOBALIZATION HAS FAILED TO REDUCE INEQUALITY

Schedule
Monday, December 15, 2025:
14:00
Public keynote speech and dialogue
at the **National Taiwan University** in Taipei

Further information and free seat reservation via
phone +886-2-3366-4684 or
email ycleou@ntu.edu.tw

JANUARY 5, 2026

PROF. THOMAS C. SUEDHOF

2013 Nobel Laureate for Medicine
at Stanford University in Stanford/USA

Prof. Suedhof's research has advanced our medical knowledge behind Alzheimer's, schizophrenia and autism. It has also led to the development of cholesterol medications.

PROF. THOMAS CHRISTIAN SUEDHOF is a German-American biochemist, the Avram Goldstein Professor in the School of Medicine and a Professor of Molecular and Cellular Physiology, Psychiatry and Neurology at Stanford University who was awarded the 2013 Nobel Prize in Medicine for his work that described how neurons communicate with each other at synapses and how such communication becomes impaired in neuropsychiatric and neurological diseases. This research has advanced medical knowledge behind poorly understood diseases such as Alzheimer's, schizophrenia and autism. Professor Suedhof has also helped to identify a DNA element in the LDL gene that produces sterol mediated end-product repression, known as sterol regulatory sequence. This discovery led to the subsequent development of statin derived cholesterol medications such as atorvastatin (Lipitor).
In 2023 Professor Suedhof was appointed to the United Nations Scientific Advisory Board by UN Secretary General Antonio Guterres.

Topic of keynote speech

DRUG DEVELOPMENT FOR NEURODEGENERATIVE DISEASES: TOWARDS CHEAPER AND MORE SUSTAINABLE TREATMENT

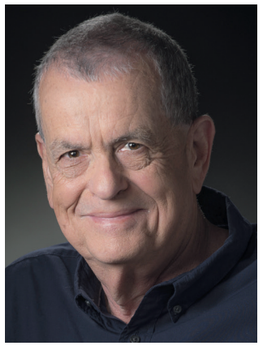
Schedule
Monday, January 5, 2026:
14:00
Public keynote speech and dialogue
at the **Asia University** in Taichung

Further information and free seat reservation via
via phone +886-4-2332-3456 #1055 or
email flo@asia.edu.tw

JANUARY 9, 2026

PROF. AARON CIECHANOVER

2004 Nobel Laureate for Chemistry
at the Department of Biochemistry of the Israel Institute of Technology in Haifa/Israel



Prof. Ciechanover's work on ubiquitin-mediated protein degradation offers an opportunity to develop drugs against cervical cancer, cystic fibrosis and other diseases.

PROF. AARON CIECHANOVER is a Distinguished Research Professor in the Faculty of Medicine at the Technion - Israel Institute of Technology in Haifa who shared the Nobel Prize for Chemistry in 2004 with Prof. Avram Hershko and Prof. Irwin Rose for the discovery of ubiquitin-mediated protein degradation. Thanks to the work of the three Laureates it is now possible to understand at a molecular level how the cell controls a number of central processes by breaking down certain proteins and not others. Examples of processes governed by ubiquitin-mediated protein degradation are cell division, DNA repair, quality control of newly-produced proteins and important parts of the immune defence. When the degradation does not work correctly, we fall ill. Cervical cancer and cystic fibrosis are two examples. Knowledge of ubiquitin-mediated protein degradation offers an opportunity to develop drugs against these diseases and others. Professor Ciechanover is a member of the Pontifical Academy of Sciences at the Vatican as well as, among others, of the Chinese, the Russian and the German Academies of Sciences.

Topic of keynote speech

PERSONALIZED MEDICINE REVOLUTION: ARE WE GOING TO CURE ALL DISEASES AND AT WHAT PRICE?

Schedule
Friday, January 9, 2026:
14:00
Public keynote speech and dialogue
at the **China Medical University** in Taichung

Further information and free seat reservation via
phone +886-4-2205-3366 #1616 or
email yangly@cmu.edu.tw

JANUARY 12, 2026

PROF. DONNA STRICKLAND

2018 Nobel Laureate for Physics
at the University of Waterloo in Ontario/Canada

Prof. Strickland's work has enabled doctors to perform corrective laser eye surgeries. It also offers the potential to cure the loss of eye vision that affects many people with age.

PROF. DONNA THEO STRICKLAND is a Canadian optical physicist and a Professor at the University of Waterloo who was awarded the 2018 Nobel Prize in Physics for creating ultra-short high-intensity laser pulses which led to the development of the field of high-intensity ultra-short pulses of light beams. Because the ultra-brief and ultra-sharp light beams are capable of making extreme precise cuts, the technique is used in laser industrial machining, laser surgery, medical imaging, fundamental science studies, the machining of small glass parts in cell phones and other applications. It has enabled doctors to perform millions of corrective laser eye surgeries, and Professor Strickland is now working on the role of high-power lasers in the micro-crystalline lens of the human eye to cure presbyopia, the loss of up-close eye vision that affects many people with age. Having produced the most powerful short-pulse laser in the world, Professor Strickland develops high-intensity laser systems for nonlinear optics investigations which are essential to most high-powered laser facilities.

Topic of keynote speech

WHY TRUST IN SCIENCE IS IMPORTANT

Schedule
Monday, January 12, 2026:
14:00
Public keynote speech and dialogue
at the **National Taiwan University** in Taipei

Further information and free seat reservation via
phone +886-2-3366-4684 or
email ycleou@ntu.edu.tw

JANUARY 13, 2026

PROF. JOSEPH E. STIGLITZ

2001 Nobel Laureate for Economics
at Columbia University in New York/USA

Prof. Stiglitz was the Chief Economist of the World Bank and a lead author of the Report of the Intergovernmental Panel on Climate Change.

PROF. JOSEPH EUGENE STIGLITZ is the Founder of the Initiative for Policy Dialogue at Columbia University in New York, who was awarded the 2001 Nobel Prize for Economics for his analyses of markets with asymmetric information, in particular the insurance market, which have become standard tools for policy analysts. His work has helped to explain the circumstances in which markets do not well and how selective government intervention can improve their performance, while focusing on income distribution, risk, corporate governance, public policy, macroeconomics and globalization. Professor Stiglitz was the chairman of President Bill Clinton's Council of Economic Advisors, before becoming the Chief Economist of the World Bank. He is now the co-chair of the High-Level Expert Group on the Measurement of Economic Performance and Social Progress at the OECD and the Chief Economist of the Roosevelt Institute. He was a lead author of the Report of the Intergovernmental Panel on Climate Change, which shared the 2007 Nobel Peace Prize, and his book "Globalization and its discontents" has been translated into 35 languages.

Topic of keynote speech

THE ROAD TO FREEDOM: ECONOMICS AND THE GOOD SOCIETY

Schedule
Tuesday, January 13, 2026:
14:00
Public keynote speech and dialogue hosted
by the **Kuo Huang Yu Foundation** in Taipei

Further information and free seat reservation via
email magchen0909@gmail.com

JANUARY 16, 2026

PROF. SERGE HAROCHE

2012 Nobel Laureate for Physics
and Chair of Quantum Physics at the College de France in Paris/France

Prof. Haroche's experimental methods, that enable the measuring and manipulation of individual quantum systems, led to the development of laser spectroscopy.

PROF. SERGE HAROCHE is the Chair of Quantum Physics at the College de France who was awarded the 2012 Nobel Prize in Physics for his "ground-breaking experimental methods that enable the measuring and manipulation of individual quantum systems" which led to the development of laser spectroscopy. He has made important contributions to Cavity Quantum Electrodynamics (Cavity QED), the domain of quantum optics which studies the behavior of atoms interacting strongly with the field confined in a high-Q cavity, a box made of highly reflecting mirrors. His main achievements in cavity QED include the observation of single atom spontaneous emission enhancement in a cavity, the direct monitoring of the decoherence of mesoscopic superpositions of states (so-called Schroedinger cat states) and the quantum-non-demolition counting of photons. By manipulating atoms and photons in high-Q cavities, he has also demonstrated elementary steps of quantum information procedures such as the generation of atom-atom and atom-photon entanglement and the operation of quantum logic gates involving photons and atoms as "quantum bits".

Topic of keynote speech

NEW DEVELOPMENTS AND APPLICATIONS IN LASER SCIENCE AND QUANTUM OPTICS, ELECTRONICS AND COMPUTING

Schedule
Friday, January 16, 2026:
14:00
Public keynote speech and dialogue
at **Academia Sinica** in Taipei

Further information and free seat reservation via
phone +886-2-2789-9380 or
email emma@as.edu.tw

JANUARY 19, 2026

PROF. BRIAN P. SCHMIDT

2011 Nobel Laureate for Physics
at the Australian National University's Research School of Astronomy
and Astrophysics in Weston Creek/Australia

Prof. Schmidt discovered that the expansion of the Universe is accelerating, suggesting that an unknown force is countering the effect of gravity, pushing the Universe apart.

PROF. BRIAN PAUL SCHMIDT is a Distinguished Professor of Astronomy at the Australian National University. For his work on the accelerating Universe, he - as leader of the High-Z SN Search team - was awarded the 2011 Nobel Prize in Physics, jointly with Adam Riess and Saul Perlmutter. Professor Schmidt has worked across many areas of Astronomy including studying supernovae, gamma ray bursts, gravitational wave transients, exo-planets and metal poor stars. He completed joint undergraduate degrees in astronomy and physics at the University of Arizona and an astronomy master's degree and PhD from Harvard University. After a postdoctoral fellowship at the Harvard-Smithsonian Center for Astrophysics, he joined the staff of the Australian National University. He was awarded the Australian Government's inaugural Malcolm McIntosh Award for Achievement in the Physical Sciences, was jointly awarded the Shaw Prize for Astronomy, and he shared the Gruber Prize for Cosmology and the Breakthrough Prize in Physics with his High-Z SN Search Team colleagues. He served as the 12th Vice Chancellor and President of the Australia National University from 2016-2023.

Topic of keynote speech

SCIENCE: HUMANITY'S UNIVERSAL BRIDGE

Schedule
Monday, January 19, 2026:
14:00
Public keynote speech and dialogue at the
National Chung Hsing University in Taichung

Further information and free seat reservation via
phone +886-4-22840205 or
email chienyu709@nchu.edu.tw

JANUARY 22, 2026

PROF. MICHEL MAYOR

2019 Nobel Laureate for Physics
and Emeritus Professor at Geneva University in Geneva/Switzerland

Prof. Mayor's research is hoped to bring about the discovery of a "second Earth", a habitable planet with the potential to support life.

PROF. MICHEL GUSTAVE ÉDOUARD MAYOR is Emeritus Professor at Geneva University and researcher at the Observatory of Geneva who was awarded the 2019 Nobel Prize for Physics as being the first person, together with his student Prof. Didier Queloz, to find a planet orbiting a Sun-like star outside of our solar system. Until recently the solar system has provided us with the only basis for our knowledge of planets and life in the Universe. In 1995 Professors Mayor and Queloz have dramatically changed this view with the discovery of the first giant planet outside the solar system. This seminal discovery and the development of new astronomical equipment and observational approaches has spawned a revolution in astronomy both in terms of new instrumentation and understanding of planet formation and evolution, and over more than two decades after this discovery thousands of extra-solar planets have become known. In the future Professor Mayor's research is expected to bring about a succession of new scientific milestones such as the discovery of a "second Earth", a habitable planet with the potential to support life.

Topic of keynote speech

IS THERE A PLANET B – WILL HUMANITY EMIGRATE TO AN EXOPLANET?

Schedule
Thursday, January 22, 2026:
14:00
Public keynote speech and dialogue
at **Academia Sinica** in Taipei

Further information and free seat reservation via
phone +886-2-2789-9380 or
email emma@as.edu.tw

JANUARY 26, 2026

PROF. MORTEN P. MELDAL

2022 Nobel Laureate for Chemistry
and Head of the Center for Evolutionary Biology
at the University of Copenhagen/Denmark

Prof. Meldal's discovery opened up new opportunities in the areas of materials science, new drug development and DNA mapping.

PROF. MORTEN PETER MELDAL is the head of the Center for Evolutionary Chemical Biology at the University of Copenhagen who was awarded the 2022 Nobel Prize in Chemistry for "click chemistry and bio-orthogonal chemistry", shared with Barry Sharpless and Carolyn Bertozzi. His research focuses on the synthesis of peptides, peptide mimetics and other organic compounds, aiming at studies within chemical biology. This led to the first report of click chemistry, opening up new opportunities in the areas of materials science, bio-conjugation, pharmaceutical development and DNA mapping. Professor Meldal's research – covering combinatorial and polymer chemistry, organic synthesis and automation, the design of artificial receptors and enzymes, nano and cellular assays, biomolecular recognition and immunology - has dramatically influenced the way we do chemistry and biochemistry today. He has more than 350 publications and holds 28 patents, and he has been instrumental in establishing the companies Combio (pharmaceutical combinatorial chemistry), Versamatrix (polar polymers and resins) and Betamab (cyclopeptides in molecular recognition).

Topic of keynote speech

CHEMISTRY FOR A SUSTAINABLE WORLD – EVERYTHING IS CHEMISTRY AND HOW THAT INFLUENCES OUR CHOICES

Schedule
Monday, January 26, 2026:
14:00
Public keynote speech and dialogue
at the **National Taiwan University** in Taipei

Further information and free seat reservation via
phone +886-2-3366-4684 or
email ycleou@ntu.edu.tw

FEBRUARY 2, 2026

PROF. ROBERT F. ENGLE III

2003 Nobel Laureate for Economics
and Professor Emeritus of Finance at New York University's
Stern School of Business, New York/USA

Prof. Engle developed techniques for the evaluation and more-accurate forecasting of risk which have become essential tools of modern asset pricing theory and practice.

PROF. ROBERT FRY ENGLE III is a 2003 Nobel Laureate for Economics and Professor Emeritus of Finance at New York University's Stern School of Business. He developed improved mathematical techniques for the evaluation and more-accurate forecasting of risk which have become essential tools of modern asset pricing theory and practice. His work has particular relevance in financial market analysis in which the investment returns of an asset are assessed against its risks and in which stock prices and returns could exhibit extreme volatility. His ARCH model and its generalizations have become indispensable tools not only for researchers, but also for analysts of financial markets, who use them in asset pricing and in evaluating portfolio risk. In his role as Co-Director of the Volatility and Risk Institute at NYU Stern, Professor Engle has developed research tools to track risks in the global economy and make these publicly available on the V-LAB website. He is now actively investigating the risks from climate change and strategies for mitigation.

Topic of keynote speech

A FINANCIAL APPROACH TO CLIMATE RISK

Schedule
Monday, February 2, 2026:
14:00
Public keynote speech and dialogue
at **Tunghai University** in Taichung

Further information and free seat reservation via
phone +886-4-2359-0121 #21002 or
email president@thu.edu.tw

FEBRUARY 5, 2026

DR. SIR RICHARD J. ROBERTS

1993 Nobel Laureate for Medicine
at New England Biolabs in Ipswich/USA

Sir Richard's discoveries changed the way biologists thought about genes. This led to decisive progress in many fields including cancer research.

DR. SIR RICHARD JOHN ROBERTS is the Chief Scientific Officer at New England Biolabs in Massachusetts/USA, who was awarded the Nobel Prize for Medicine in 1993 for his discoveries of split genes and mRNA splicing. Being educated in England, his postdoctoral research was carried out in Professor J.L. Strominger's laboratory at Harvard, where he studied the tRNAs that are involved in the biosynthesis of bacterial cell walls. He joined Cold Spring Harbor Laboratory in 1972, where he began his work on the newly discovered Type II restriction enzymes. More than 100 such enzymes were discovered and characterized in Dr. Roberts' laboratory which sequenced the 35,937 nucleotide Adenovirus-2 genome and wrote some of the first programs for DNA sequence assembly and analysis. At Cold Spring Harbor he reached the position of Assistant Director for Research under Dr. J.D. Watson. Dr. Roberts' discoveries completely changed the way biologists thought about genes and led to decisive progress in many fields including cancer research.

Topic of keynote speech

WHY YOU SHOULD LOVE GMOS

Schedule
Thursday, February 5, 2026:
14:00
Public keynote speech and dialogue
at **Academia Sinica** in Taipei

Further information and free seat reservation via
phone +886-2-2789-9380 or
email emma@as.edu.tw

FEBRUARY 9, 2026

PROF. MAY-BRITT MOSER

2014 Nobel Laureate for Medicine
at the Norwegian University of Science and Technology in Trondheim/Norway

Prof. Moser discovered grid cells which have a major relevance in understanding memory and its loss and in finding new ways of treating Alzheimer's disease.

PROF. MAY-BRITT MOSER is a Norwegian psychologist and neuroscientist and a Founding Director of the Kavli Institute for Systems Neuroscience at the Norwegian University of Science and Technology (NTNU) who was awarded the Nobel Prize in Medicine in 2014 for her work on how spatial location and memory are computed in the brain and identify the cells that make up the brain's positioning system. Her work includes the discovery of grid cells in the entorhinal cortex which have a major relevance in understanding memory and its loss and in finding new ways of treating Alzheimer's disease. Being a Founder of the Centre for the Biology of Memory and NTNU's Scientific Director of the Centre for Algorithms in the Cortex, Professor Moser has more recently turned her attention to the mechanisms by which space, time and memory are encoded in large neural populations. She is a member of the Royal Norwegian Society of Sciences and Letters, the Norwegian Academy of Technological Sciences and the American Philosophical Society.

Topic of keynote speech

THE BRAIN'S SYSTEMS FOR NAVIGATION AND MEMORY AND THEIR RELEVANCE FOR ALZHEIMER'S DISEASE

Schedule
Monday, February 9, 2026:
14:00
Public keynote speech and dialogue
at the **National Taiwan University** in Taipei

Further information and free seat reservation via
phone +886-2-3366-4684 or
email ycleou@ntu.edu.tw

FEBRUARY 11, 2026

DR. SIR PAUL NURSE

2001 Nobel Laureate for Medicine
at the Francis Crick Institute in London/UK

Sir Paul's research on the regulation of cell reproduction is fundamental to understanding growth and development and vital to cancer research.

DR. SIR PAUL NURSE is a geneticist and cell biologist who was awarded the 2001 Nobel Prize for Medicine for his work on how the eukaryotic cell cycle is controlled. His research on the cyclin dependent protein kinases and how they regulate cell reproduction is fundamental to understanding growth and development and vital to cancer research. Dr. Nurse is the Director of the Francis Crick Institute in London and the Chancellor of the University of Bristol. He has served as President of the Royal Society, Chief Executive of Cancer Research UK and President of the Rockefeller University. He received the Albert Lasker Award, the Gairdner Award, the Louis Jeantet Prize and the Royal Society's Royal and Copley Medals. He was knighted and awarded the Order of Merit for services to science and medicine in the UK and abroad, receiving the Legion d'honneur in 2003 from France and the Order of the Rising Sun in 2018 from Japan. He served for 15 years on the UK Council of Science and Technology, advising the Prime Minister and Cabinet, and was a Chief Scientific Advisor for the European Union. In 2020 he wrote "What is Life" which has been published in 22 countries.

Topic of keynote speech

WHAT IS LIFE?

Schedule
Wednesday, February 11, 2026:
14:00
Keynote speech and dialogue
at **Academia Sinica** in Taipei

Further information and free seat reservation via
phone +886-2-2789-9380 or
email emma@as.edu.tw

MARCH 2, 2026

PROF. SIR GREGORY P. WINTER

2018 Nobel Laureate for Chemistry
at the MRC Laboratory of Molecular Biology in Cambridge/UK

Sir Gregory's inventions provide new ways to prevent and treat immune and degenerative disorders, multiple scleroses, asthma, rheumatoid arthritis and cancer.

PROF. SIR GREGORY PAUL WINTER is an English molecular biologist, who is best known for his invention of techniques at the MRC Laboratory of Molecular Biology (Cambridge) for making humanized and human antibodies for therapeutic uses. This has provided new ways to prevent and treat immune and degenerative disorders, multiple scleroses, asthma, rheumatoid arthritis and cancer. One of the most successful antibody drugs developed is HUMIRA (adalimumbab) which became the world's top selling drug, and at the current rate 3-5 new therapeutic antibodies are being approved each year. Sir Gregory filed numerous patents for his work and has founded several successful biotechnology companies to put his techniques into practice. Through these ventures he helped to translate his scientific discoveries into commercially successful products that have improved the lives of millions of people worldwide. For his work in making human antibodies by accelerated evolution he shared the Nobel Prize in Chemistry in 2018. For his contributions to molecular biology he was knighted by Queen Elizabeth and in 2012 appointed Master of Trinity College Cambridge.

Topic of keynote speech

THE ANTIBODY REVOLUTION

Schedule
Monday, March 2, 2026:
14:00
Public keynote speech and dialogue
at **Academia Sinica** in Taipei

Further information and free seat reservation via
phone +886-2-2789-9380 or
email emma@as.edu.tw

MARCH 6, 2026

PROF. GREGG L. SEMENZA

2019 Nobel Laureate for Medicine
at the Johns Hopkins University School of Medicine in Baltimore/USA

Prof. Semenza's research paves the way for the development of drugs that could kill cancer cells by cutting off the supply of oxygen a tumor needs to grow.

PROF. GREGG LEONARD SEMENZA is a Professor of Genetic Medicine at the Johns Hopkins University School of Medicine who was awarded the Nobel Prize in Medicine in 2019 for uncovering how cells adapt to changing oxygen levels and for his ground-breaking discovery of hypoxia-inducible factors (HIFs). His research has paved the way for the development of drugs that block HIF activity and thereby cut off the supply of oxygen a tumor needs to grow. The discovery of HIFs has also led to the development of drugs that stimulate HIF activity to increase red blood cell production in patients with anemia. Professor Semenza earned his bachelor's degree in biology at Harvard University, then M.D. and Ph.D. (in genetics) degrees from the University of Pennsylvania and a pediatric residency at Duke University Medical Center, before pursuing postdoctoral studies in medical genetics at Johns Hopkins University School of Medicine. He has remained at Johns Hopkins for the duration of his career, serving as Founding Director of the Vascular Program at the Johns Hopkins Institute for Cell Engineering and Founding Director of the Armstrong Oxygen Biology Research Center.

Topic of keynote speech

OXYGEN, CARBON DIOXIDE AND SUSTAINABLE LIFE ON EARTH

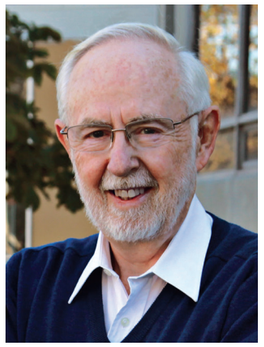
Schedule
Friday, March 6, 2026:
14:00
Public keynote speech and dialogue
at the **National Cheng Kung University** in Tainan

Further information and free seat reservation via
phone +886-6-2757575 #50950 or
email em50950@email.ncku.edu.tw

MARCH 9, 2026

PROF. ARTHUR B. MCDONALD

2015 Nobel Laureate for Physics
and Director of the Sudbury Neutrino Observatory in Ontario/Canada



Prof. McDonald's discovery has led a new generation of scientists to re-examine the role played by neutrinos in the evolution of the Universe.

PROF. ARTHUR B. MCDONALD is a Canadian astrophysicist and the director of the Sudbury Neutrino Observatory Collaboration who was awarded the Nobel Prize for Physics in 2015 for his discovery that neutrinos – sub-atomic particles considered the basic building blocks of the Universe - can change their identities as they travel through space, from the core of the sun to Earth. Billions of neutrinos are coursing through our bodies every second, but they very seldom interact in our lifetime. For many years they were assumed to be mass-less and immutable, but Professor McDonald's discovery proved the existence of neutrino oscillation for solar neutrinos and indicated that the Standard Model for Elementary Particles is incomplete and requires changes. This has led a new generation of scientists to re-examine the role played by neutrinos in the evolution of the Universe. Professor McDonald's type of experiments have thus become some of the most promising, powerful, versatile and efficient ways to explore both particle physics and the universe itself, and he continues his research in neutrinos and Dark Matter at SNOLAB in a 2,100 meters underground mine outside Sudbury, Ontario.

Topic of keynote speech

ANSWERING EXISTENTIAL QUESTIONS ABOUT OUR UNIVERSE AND ITS EVOLUTION

Schedule
Monday, March 9, 2026:
14:00
Keynote speech and dialogue
at **Tamkang University** in New Taipei

Further information and free seat reservation via
phone +886-2-2621-5656 #2223 or
email ptrx@oa.tku.edu.tw

MARCH 20, 2026

PROF. RYOJI NOYORI

2001 Nobel Laureate for Chemistry
at the University of Nagoya/Japan

Prof. Noyori's research provides a powerful tool for large-scale industrial applications and for the synthesis of antibiotics and other pharmaceutical products.

PROF. RYOJI NOYORI is a Nagoya University based Japanese chemist, who was awarded the Nobel Prize in Chemistry in 2001 for the development of chirally catalyzed hydrogenations. His catalytic methods provide a powerful and versatile tool for creating enantiomerically enriched compounds, which is crucial for many areas of modern chemistry and medicine. They are used for the synthesis of chiral molecules, particularly in the pharmaceutical, agrochemical and fine chemical industries, as they enable the selective production of one enantiomer (a chiral molecule's mirror image) over another, which is crucial because many drugs and other biologically active compounds are chiral and their effectiveness can be enantiomer-specific. Professor Noyori's work has enabled the production of various types of medication such as naproxen, a nonsteriodal anti-inflammatory drug, and the antibacterial agent levofloxacin His catalysts were suitable for large-scale industrial applications, and they found wide use in the synthesis of antibiotics and other pharmaceutical products. Professor Noyori has acted as President of RIKEN, one of Japan's largest research institutions, and as Director-General of the Center for Research and Development Strategy at the Japan Science and Technology Agency.

Topic of keynote speech

CHEMISTRY IS THE SCIENCE OF VALUE CREATION

Schedule
Friday, March 20, 2026:
14:00
Keynote speech and dialogue
at **Tamkang University** in New Taipei

Further information and free seat reservation via
phone +886-2-2621-5656 #2223 or
email ptrx@oa.tku.edu.tw

MARCH 23, 2026

PROF. KURT WUETHRICH

2002 Nobel Laureate for Chemistry
and Professor of Biophysics at ETH Zurich/Switzerland

Prof. Wüthrich's work has led to an increased understanding of the processes of life and has revolutionized the development of new pharmaceutics.

PROF. KURT WÜTHRICH is the Cecil H. and Ida M. Green Professor of Structural Biology at Scripps Research in La Jolla, Professor of Biophysics at the ETH Zürich and Distinguished Senior Professor at the iHuman Institute at ShanghaiTech University, who received the 2002 Nobel Prize for Chemistry. For 50 years Wüthrich groups have used nuclear magnetic resonance spectroscopy (NMR) for research in structural biology. Contributions include the method of protein structure determination with NMR in solution and the use of the principles of transverse relaxation-optimized spectroscopy (TROSY) for NMR experiments with large supramolecular assemblies. Applications over the years were focused on differentiation in higher organisms, immune suppression and neuropathology. Research using NMR techniques is continued at ShanghaiTech University, with a focus on transmembrane signal transfer by G protein-coupled receptors (GPCRs). At Scripps Research and the ETH Zürich projects on the general theme "healthcare in the ageing human societies of the 21st century" are pursued, mainly considering the impact of sarcopenia on the human healthspan.

Topic of keynote speech

THE MOLECULES OF LIFE, AI AND HUMAN HEALTH

Schedule
Monday, March 23, 2026:
14:00
Keynote speech and dialogue
at **Academia Sinica** in Taipei

Further information and free seat reservation via
phone +886-2-2789-9380 or
email emma@as.edu.tw

MARCH 27, 2026

PROF. EDVARD I. MOSER

2014 Nobel Laureate for Medicine
at the Kavli Institute for Systems Neuroscience of the University
for Science and Technology in Trondheim/Norway

Prof. Moser works on how spatial location and memory are computed in the brain and how to identify the cells and neural networks that make up the brain's positioning system.

PROF. EDVARD INGJALD MOSER is a Norwegian psychologist and neuroscientist and a Founding Director of the Kavli Institute for Systems Neuroscience at the Norwegian University of Science and Technology (NTNU) who was awarded the 2014 Nobel Prize in Medicine for his work on how spatial location and memory are computed in the brain and how to identify the cells that make up the brain's GPS and positioning system. His work includes the discovery of grid cells in the entorhinal cortex which have a major relevance in understanding navigation and memory and its loss and in finding new ways of treating Alzheimer's disease. Professor Moser is a member of the National Academy of Sciences of the USA and the Royal Society of London as well as the Norwegian Academy of Science and Letters.

Topic of keynote speech

THE BRAIN'S GPS: HOW WE KNOW WHERE WE ARE

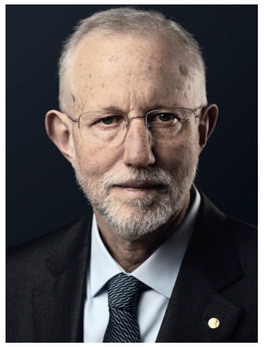
Schedule
Friday, March 27, 2026:
14:00
Public keynote speech and dialogue
at **Academia Sinica** in Taipei

Further information and free seat reservation via
phone +886-2-2789-9380 or
email emma@as.edu.tw

MARCH 30, 2026

PROF. CHARLES M. RICE

2020 Nobel Laureate for Medicine
and Head of the Laboratory for Virology and Infectious Disease
at Rockefeller University in New York/USA



Prof. Rice's work has enabled the development of new antiviral drugs capable of reducing the hepatitis C virus to undetectable levels, essentially curing chronic infection.

PROF. CHARLES MOEN RICE, having served on committees for the Food and Drug Administration, the National Institutes of Health and the World Health Organization, is the head of the Laboratory for Virology and Infectious Disease and the Director of the Stavros Niarchos Foundation Institute for Global Infectious Disease Research at The Rockefeller University in New York. He was awarded the 2020 Nobel Prize in Medicine for the discovery of the hepatitis C virus (HCV). Millions of people are infected with hepatitis C or hepatitis B viruses, which cause liver cancer and liver failure. Meanwhile, other RNA viruses such as Zika, yellow fever, dengue, chikunguya and the SARS-CoV-2 coronavirus cause significant morbidity and mortality. Professor Rice works to understand virus replication and innate immune responses that limit infection. His work has enabled the development of new antiviral drugs capable of reducing HCV to undetectable levels in infected persons, essentially curing chronic infection.

Topic of keynote speech

GLOBAL INFECTIOUS DISEASE: TRIUMPHS AND CHALLENGES

Schedule
Monday, March 30, 2026:
14:00
Public keynote speech and dialogue
at **Tzu Chi University** in Hualien

Further information and free seat reservation via
phone +886-3-8565301 #11014-11018 or
email ss439@gms.tcu.edu.tw

APRIL 20, 2026

PROF. ALVIN E. ROTH

2012 Nobel Laureate for Economics
at Harvard University and Stanford University
in Cambridge and Stanford/USA

Prof. Roth is one of the founders and designers of kidney exchange which helps incompatible patient-donor pairs find life-saving compatible kidneys for transplantation.

PROF. ALVIN ELIOT ROTH is the Craig and Susan McCaw Professor of Economics at Stanford University and the George Gund Professor Emeritus of Economics and Business Administration at Harvard University, who shared the 2012 Nobel Prize in Economics "for the theory of stable allocations and the practice of market design". He directed the redesign of the clearinghouse through which most American doctors find their first employment as residents at American hospitals and has helped reorganize the process by which children are matched to schools in several large American cities. For many years he has worked on helping to make kidney transplants more available by organizing kidney exchange, a process by which incompatible patient-donor pairs find compatible kidneys for transplantation. This has now become a standard form of transplantation in the United States, and its use is growing around the world, allowing patients within and across borders to benefit from the gift of a life-saving kidney transplant.

Topic of keynote speech

MARKETS, MARKET DESIGN AND MEDICINE

Schedule
Monday, April 20, 2026:
14:00
Public keynote speech and dialogue at the
National Tsing Hua University in Hsinchu

Further information and free seat reservation via
phone +886-3-5162498 or
email dgs@my.nthu.edu.tw

APRIL 21, 2026

PROF. BRIAN K. KOBILKA

2012 Nobel Laureate for Chemistry
at the Stanford University School of Medicine in Stanford/USA

Prof. Kobilka's work has ushered in a new era in drug development and in our understanding of human physiology and fundamental cellular processes.

PROF. BRIAN KENT KOBILKA is a professor of molecular and cellular physiology at the Stanford University School of Medicine who was awarded the 2012 Nobel Prize in Chemistry for his work on G-protein-coupled receptors (GPCRs). These GPCRs are responsible for the body's response to the majority of hormones and neurotransmitters and are the largest group of targets for new therapeutics for a broad spectrum of conditions ranging from heart diseases to psychiatric disorders. As about half of all medications used today make use of GPCRs, Professor Kobilka's work has ushered in a new era in drug development and in our understanding of human physiology and fundamental cellular processes. He is the founder of the biotech company ConfometRx, which focuses on the development of CPCR-based drug discovery technologies, and in 2017 he opened the Kobilka Institute of Innovative Drug Discovery at the CUHK Shenzen campus in Southern China.

Topic of keynote speech

THE NEW ERA IN DRUG DEVELOPMENT

Schedule
Tuesday, April 21, 2026:
14:00
Public keynote speech and dialogue at the **National Tsing Hua University** in Hsinchu

Further information and free seat reservation via
phone +886-3-5162498 or
email dgs@my.nthu.edu.tw

APRIL 23, 2026

PROF. TAKAAKI KAJITA

2015 Nobel Laureate for Physics
at the Institute for Cosmic Ray Research at the University of Tokyo/Japan

Prof. Kajita's experiments have become some of the most promising, powerful, versatile and efficient ways to explore both particle physics and the Universe itself.

PROF. TAKAAKI KAJITA is a Japanese physicist and a professor at the Institute for Cosmic Ray Research at the University of Tokyo who was awarded the 2015 Nobel Prize in Physics for discovering the oscillations of neutrinos from one flavor to another which proved that those subatomic particles have mass. His team at Super-Kamiokande found that when cosmic rays hit the Earth's atmosphere, the resulting neutrinos switched between two flavors before they reached the detector under Mount Ikenoyama in Kamioka, Japan. This discovery proved the existence of neutrino oscillation and indicated that the Standard Model, which assumed neutrinos to be mass-less, is incomplete. The experiments conducted by Professor Kajita and his colleagues have become some of the most promising, powerful, versatile and efficient ways to explore both particle physics and the Universe itself. Professor Kajita has served as the President of the Science Council of Japan and as Director of the Institute for Cosmic Ray Research of the University of Tokyo from 2008 to 2022. He is also the principal investigator of another ICRR project located in Kamioka, the KAGRA gravitational wave project.

Topic of keynote speech

THE IMPORTANCE OF SCIENCE FOR PEACE-BUILDING

Schedule
Thursday, April 23, 2026:
14:00
Keynote speech and dialogue
at **Academia Sinica** in Taipei

Further information and free seat reservation via
phone +886-2-2789-9380 or
email emma@as.edu.tw

MAY 6, 2026

PROF. JOACHIM FRANK

2017 Nobel Laureate for Chemistry
at Columbia University/USA

Prof. Frank is the founder of Cryo-EM which is instrumental in visualizing the structure of viruses and important for developing antiviral strategies and new drugs.

PROF. JOACHIM FRANK is a German-American biophysicist at Columbia University who is regarded as the founder of single-particle cryo-electron microscopy (cryo-EM), for which he was awarded the Nobel Prize in Chemistry in 2017. Cryo-EM is a leading method for determining the structure of proteins, viruses and other large biological molecules. It allows researchers to visualize how different molecules interact and assemble into larger complexes, revealing their functional organization. By visualizing molecular structures, cryo-EM helps elucidate how proteins and other molecules carry out their biological functions. Understanding the structure of target molecules can aid in the design of drugs that specifically interact with and modulate their activity. Cryo-EM is instrumental in visualizing the structure of viruses, which is important for understanding viral entry, replication and for developing antiviral strategies. It is a powerful technique, particularly useful for studying molecules that are difficult to crystallize for traditional X-ray crystallography. It allows researchers to visualize and understand the structure and function of biomolecules in their near-native, frozen-hydrated state, which can provide insights into cellular processes and potential drug targets.

Topic of keynote speech

CRYO-ELECTRON MICROSCOPY, A NEW FOUNDATION FOR MOLECULAR MEDICINE AND DRUG DESIGN

Schedule
Wednesday, May 6, 2026:
14:00
Public keynote speech and dialogue at the
National Taiwan University in Taipei

Further information and free seat reservation via
phone +886-2-3366-4684 or
email ycleou@ntu.edu.tw

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