



## Highlights

The **SIPS 2025 - Sustainable Industrial Processing Summit & Exhibition** was held in Cebu, Philippines from 17 – 20 Nov. 2025 at the Dusit Thani Mactan Resort. Following the rich tradition of previous years, the summit covered three actors of sustainability: (1) Science, Technology, and Industry (2) Governance and Management, and (3) Education and Civil Society.

This time, the summit honored the 2025 STARS of sustainable science, technology, and innovation. In alphabetical order, they are:

- **Dutrow International Symposium (4th Intl. Symp. on Geochemistry for Sustainable Development)**
- **Inufusa International Symposium (5th Intl. Symp. on Oxidative Stress for Sustainable Development of Human Beings)**
- **Kauffman International Symposium (8th Intl. Symp. on Sustainable Mathematics Applications)**
- **Matyjaszewski International Symposium (5th Intl. Symp. on Green Chemistry & Polymers & their Application for Sustainable Development)**
- **Meyers International Symposium (11th Intl. Symp. on Composite, Ceramic & Nano Materials Processing, Characterization & Applications)**
- **Otis International Symposium (5th Intl Symp on Law & its Applications for Sustainable Development)**
- **Tanner International Symposium (2nd Intl. Symp. on Pharmaceutical Sciences and Industrial Applications for Sustainable Development)**
- **Tang International Symposium (Intl. Symp. on Economy and Commerce for Sustainable Development)**

The honorees cover areas of materials sciences that appear distinct but are all mutually related and share a common theme of sustainability.

In this context, in their honor, the summit incorporated numerous International Symposia covering the fields of: iron and steel making; electrochemistry; molten salt and ionic liquids; advanced materials; advanced manufacturing; advanced technologies; aluminum; agroforestry; biomaterials; biotechnology; batteries; bio-extraction; biochar, cement; coal; coatings; composites; ceramics; construction materials; carbon & biocoke; ecosystems; education; energy production; environment; endurology; ferro-alloys; mathematics; metallic systems; metals and alloys; minerals; mining; multiscale materials; nanomaterials; non-ferrous smelting and hydro/electrochemical processing; quasi-crystals; rare earth and platinum group metals; recycling; and rotary kiln operations. The topics within each symposium span across scientific, technological, environmental, health, legal, management, financial, policy, taxation, social, and pedagogy issues.

The summit had an Opening Event, three Summit Plenary sessions, and a Summit Gala that combined with 8 Nobel Prize Winners along with:

- CEOs/entrepreneurs of major industrial companies who reflected on the role of applied technology, management, and entrepreneurship.

- Academics and research institutes that reflected on the importance of research and education in creating pathways for innovation and change.
- Politicians and public figures who reflected on the role of governance and political frameworks.

In other words, SIPS elevated its own bar toward higher levers of collaboration across multiple sectors and domains.



Dusit Thani Mactan Resort, Cebu, Philippines



Sea view from the Dusit Thani Mactan Resort

## **OPENING EVENT**

The Opening Event was held on Monday evening in the Boardwalk. This informal welcoming dinner involved international delicacies and Entertainment dance shows.



Opening Event Dinner & Cocktail at Boardwalk



SIPS 2025 guests at the Opening Event

## SUMMIT PLENARIES

The three summit plenary sessions were held under the theme of Science and Sustainability.

### Summit Plenary I:



**Dr. Florian Kongoli**  
FLOGEN Chairman  
Montreal, Canada



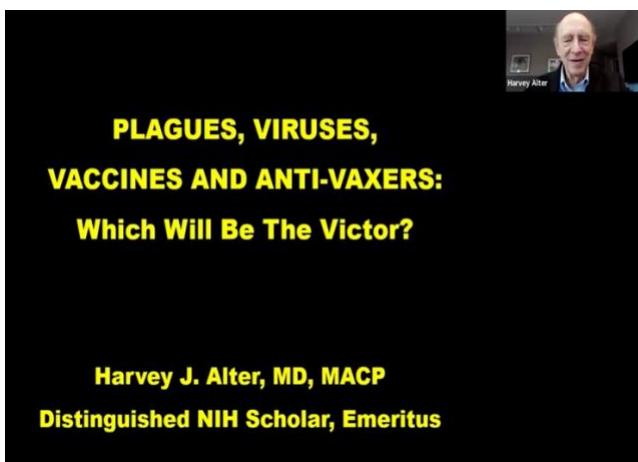
**Dr. Aaron Ciechanover**  
2004 Nobel Laureate – Chemistry  
Technion-Israel Institute of Technology, Haifa, Israel



**Dr. Haruhiko Inufusa**  
MD, CEO  
TIMA, Japan



**Davis Joseph**  
Gifu University  
Gifu, Japan

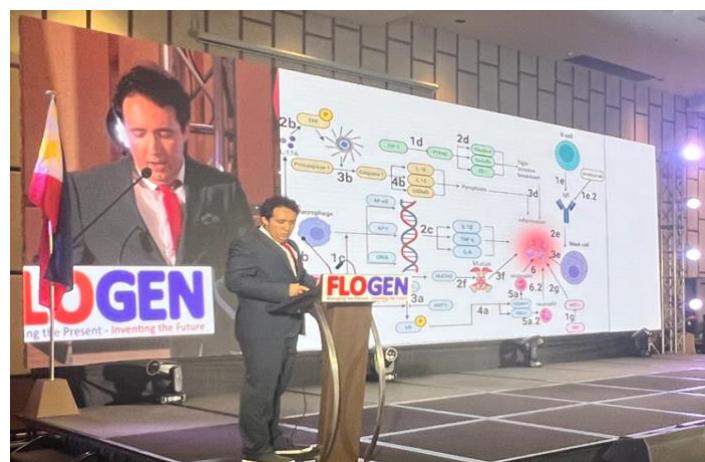


**Harvey J. Alter, MD, MACP**

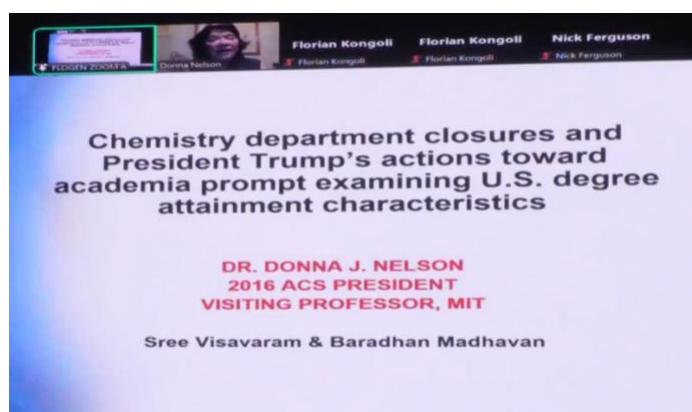
Distinguished NIH Scholar, Emeritus

**Dr. Harvey J. Alter**

2020 Nobel Laureate – Medicine  
National Institutes of Health, Bethesda, USA



**Davis Joseph**  
Gifu University  
Gifu Japan

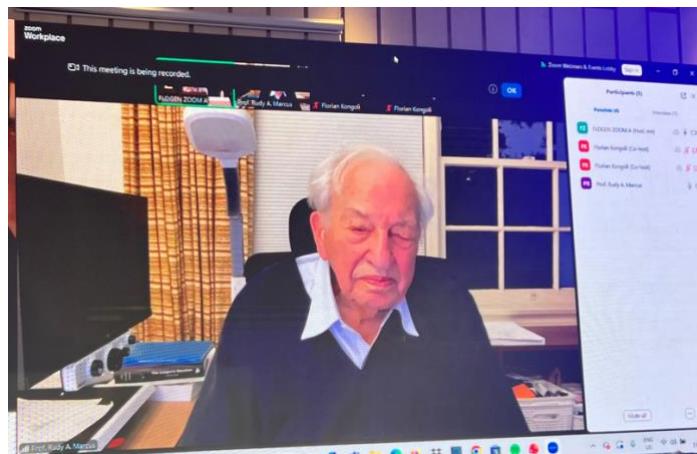


**Dr. Donna Nelson**  
2016 American Chemical Society President  
University of Oklahoma, USA

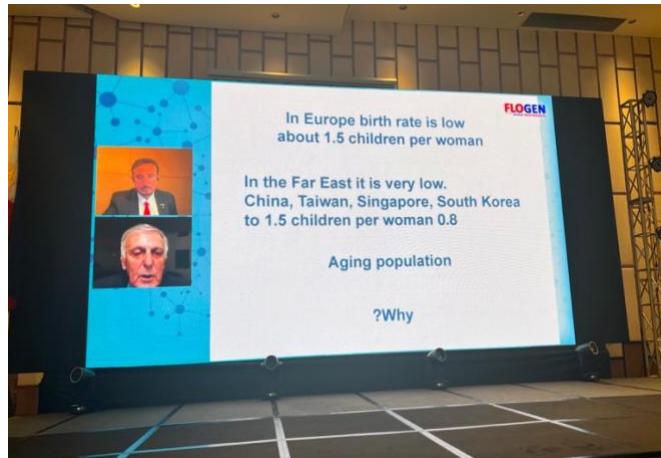
## Summit Plenary II:



**Dr. Florian Kongoli**  
FLOGEN Chairman  
Montreal, Canada



**Dr. Rudy Marcus**  
1992 Nobel Laureate – Chemistry  
California Institute of Technology, USA



**Dr. Dan Shechtman**  
2011 Nobel Laureate – Chemistry  
Technion Institute of Technology, Israel



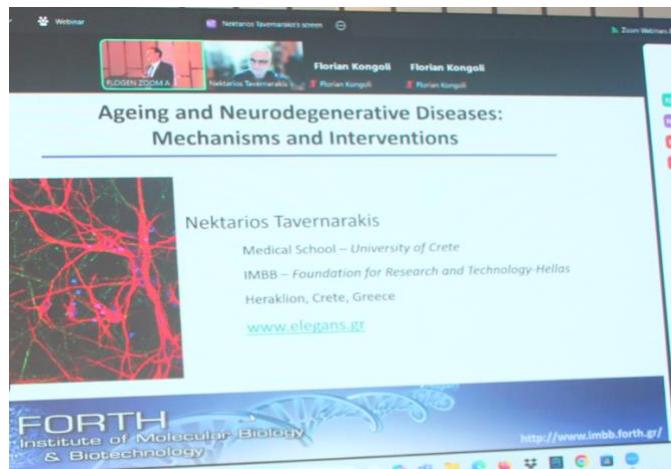
**Dr. Kostantin Novoselov**  
2010 Nobel Laureate – Physics  
National University of Singapore, Singapore



**Dr. Dasmurat Aitkulov**  
National Center for Integrated Processing of Mineral  
Raw Materials, Almaty, Kazakhstan



**Dr. Charles Tang**  
President of the Chamber of Commerce and Industry  
Brazil-China and Paraguay-China, Rio de Janeiro, Brazil

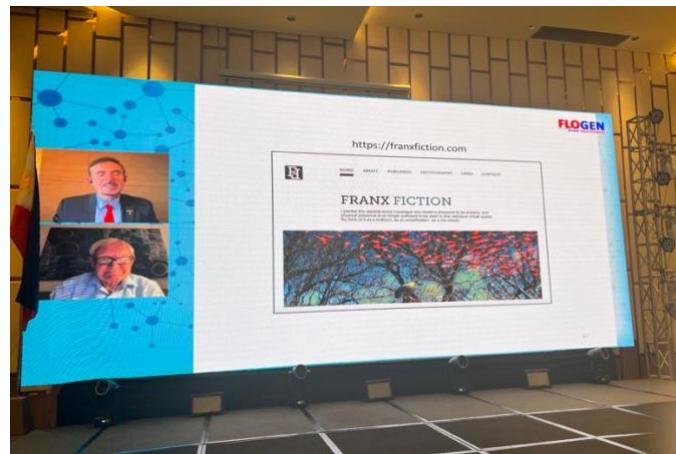


**Dr. Nektarios Tavernarakis**  
EIT Governing Board, Greece

### Summit Plenary III:



**Dr. Florian Kongoli**  
FLOGEN Chairman  
Montreal, Canada



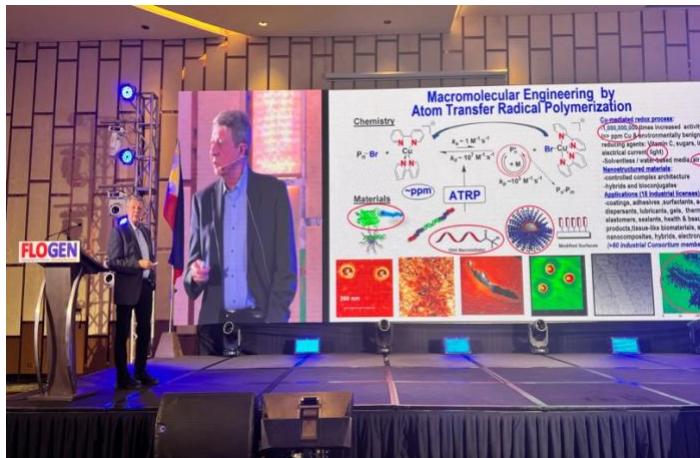
**Dr. Joachim Frank**  
2017 Nobel Laureate - Chemistry  
Columbia University Irving Medical Center, USA



**Hon. Louise Otis**  
NATO and OECD, Montreal, Canada



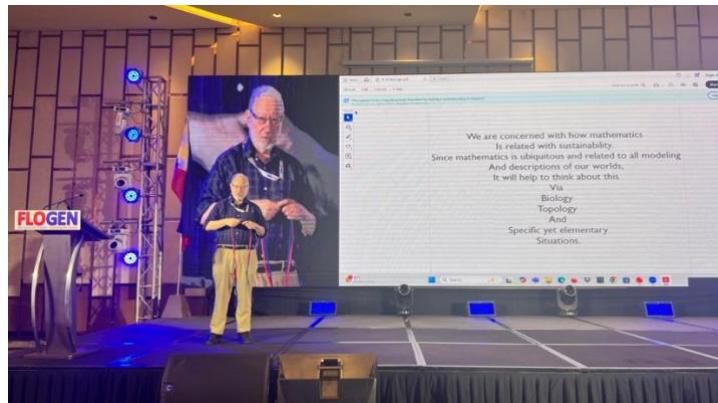
**Dr. Fernand Marquis**  
Integrated Materials Technologies and Systems (IMTS)  
and United Nano Technologies (UNT), USA



**Dr. Krzysztof Matyjaszewski**  
Carnegie Mellon University, Pittsburgh, USA



**Dr. Robert J. Aumann**  
2005 Nobel Laureate – Economics  
Hebrew University of Jerusalem, Jerusalem, Israel



**Dr. Krzysztof Matyjaszewski**  
Carnegie Mellon University, Pittsburgh, USA

## AWARDS CEREMONY

**Dr. Florian Kongoli**, FLOGEN Chairman, opened the gala to all participants, STAR honorees and VIP guests.



**Dr. Florian Kongoli, FLOGEN Chairman**

## Fray International Sustainability Award

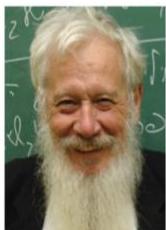
During the Award Ceremony and Gala Dinner, several personalities were honored with the 2025 Fray International Sustainability Award and corresponding World Crystal Trophy, adding their name to the distinguished list of previous award winners. (<https://www.flogen.org/?p=20>). The 2025 winners in each category were the following:

### Academia

"For Leadership in developing new technologies that contribute to a global sustainable development as per FLOGEN Sustainability Framework in the environment, economy and social points of view."

- **Dr. Robert J. Aumann, Hebrew University of Jerusalem, Israel**
- **Dr. Henry Colorado Lopera, Universidad de Antioquia, Colombia**
- **Dr. Juergen Antrekowitsch, Christian Doppler Laboratory, Austria**

### Sustainability through Science and Technology /Sustainable Industrial Processing Summit 2025 STARS:



**Robert J. Aumann**  
Professor

Hebrew University of Jerusalem, Israel

Field: **Economics**

### FRAY INTERNATIONAL SUSTAINABILITY AWARD FLOGEN STARS OUTREACH

Dr. Robert J. Aumann, Hebrew University of Jerusalem, Israel



Dr. Henry Alonso Colorado Lopera, Universidad de Antioquia, Colombia



Dr. Juergen Antrekowitsch, Christian Doppler Laboratory, Austria

### Inufusa International Antioxidant Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Inufusa International Antioxidant Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=196>).

The citation of this Award reads:

*"For Leadership in developing and applying new medical principles and applied technologies related to Oxidative Stress as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view."*

The 2025 winner in this category was:

- **Dr. William Cho, Queen Elizabeth Hospital, China**



Dr. William Cho, Queen Elizabeth Hospital, China

### Yildirim International Entrepreneurship Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Yildirim International Entrepreneurship Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=22>).

The citation of this Award reads:

*"For innovative leadership in establishing, developing and/or growing, against all challenges, odds and risks, a sustainable business as per FLOGEN Sustainability Framework in the environment, economic, and social point of view."*

The 2025 winner in this category was:

- **Dr. Haruhiko Inufusa, TIMA, Japan**



Dr. Haruhiko Inufusa, TIMA, Japan

### Stoddart International Scientific Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Stoddart International Scientific Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=52>).

The citation of this Award reads:

*"For extraordinary scientific achievements as per FLOGEN Sustainability framework."*

The 2025 winner in this category was:

- **Dr. Louis Kauffman, University of Illinois at Chicago, USA**



Dr. Louis Kauffman, University of Illinois at Chicago, USA

### Novoselov International Materials Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Novoselov International Materials Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=177>).

The citation of this Award reads:

*"For Leadership in developing and applying new materials methods and technologies as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view."*

The 2025 winner in this category was:

- **Dr. Marc Meyers, University of California San Diego, USA**



Dr. Marc Meyers, University of California San Diego, USA

### Murad International Life Improvement Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Murad International Life Improvement Award and corresponding Star Crystal Trophy, her name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=61>).

The citation of this Award reads:

*"For leadership in developing and applying new medical methods and technologies for a sustainable development in the environmental, economic, and social points of view."*

The 2025 winner in this category was:

- **Dr. Olga Pechanova, Slovak Academy of Sciences, Slovakia**



Dr. Olga Pechanova, Slovak Academy of Sciences, Slovakia

### International Life in Universe Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 International Life in Universe Award and corresponding Star Crystal Trophy, her name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=174>).

The citation of this Award reads:

*" For Leadership in scientific understanding of the evolution of life on earth and in universe as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view."*

The 2025 winner in this category was:

- **Dr. Barbara Dutrow, Louisiana State University, USA**



Dr. Barbara Dutrow, Louisiana State University, USA

### Geim International Innovation Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Geim International Innovation Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=54>).

The citation of this Award reads:

*" For extraordinary scientific innovation that enables a successful business and contributes to shaping a sustainable future as per FLOGEN Sustainability Framework."*

The 2025 winner in this category was:

- **Dr. Vladimir Tsepelev, Boris Yeltsin Ural Federal University, Russia**



Dr. Vladimir Tsepelev, Boris Yeltsin Ural Federal University, Russia

### Shechtman International Leadership Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Shechtman International Leadership Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=19>).

The citation of this Award reads:

*" For leadership through courage, conviction, persistence and willingness to break with the taboos and stereotypes in pioneering new ways of thinking that shape the future for a global sustainable development as per FLOGEN Sustainability Framework in the environment, economy and social points of view."*

The 2025 winner in this category was:

- **Dr. Fernand Marquis, Integrated Materials Technologies & Systems and United Nano Technologies, USA**



Dr. Fernand Marquis, Integrated Materials Technologies & Systems (IMTS) and United Nano Technologies (UNT), USA

**Lee-McNeil International Law Award**

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Lee-McNeil International Law Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=59>).

The citation of this Award reads:

*"For Leadership in applying law with a scientific logic as per FLOGEN Sustainability Framework."*

The 2025 winner in this category was:

- **Dr. Ian Freckleton, Supreme Court of Nauru, Australia**



Dr. Ian Freckleton, Supreme Court of Nauru, Australia

**Marshall International Life Sciences Award**

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Marshall International Life Sciences Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=189>).

The citation of this Award reads:

*"For Leadership and Scientific Achievements in Life Sciences as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view"*

The 2025 winner in this category was:

- **Dr. Marcel Tanner, University of Basel, Switzerland**



Dr. Marcel Tanner, University of Basel, Switzerland

**Whittingham International Energy Award**

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Whittingham International Energy Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=172>).

The citation of this Award reads:

*"For Leadership in developing new energy technologies as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view"*

The 2025 winner in this category was:

- **Dr. Tateo Usui, Osaka University, Japan**



Dr. Tateo Usui, Osaka University, Japan

**Robert's International Medicine Award**

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Robert's International Medicine Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=173>).

The citation of this Award reads:

*"For leadership in developing new basic medical principles as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view"*

The 2025 winner in this category was:

- **Dr. Shigeru Hirano, Kyoto Prefectural University of Medicine, Japan**



Dr. Shigeru Hirano, Kyoto Prefectural University of Medicine, Japan

### Wüthrich International Young Star Award

During the Award Ceremony and Gala Dinner, two personalities were honored with the 2025 Wüthrich International Young Star Award and corresponding Star Crystal Trophy, their names marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=53>).

The citation of this Award reads:

*"For outstanding scientific performance during the early career stages, as per FLOGEN Sustainability Framework."*

The 2025 winners in this category were:

- **Braian Araujo, Federal University of Ouro Preto, Mariana, Brazil**
- **Ms. Jessica Chenu, Chamber of Industry and Commerce Paraguay-China, Paraguay**



Braian Araujo, Federal University of Ouro Preto, Mariana, Brazil



Ms. Jessica Chenu, Chamber of Industry and Commerce Paraguay-China, Paraguay

### Ciechanover International Biology Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Ciechanover International Biology Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=175>).

The citation of this Award reads:

*"For Leadership in developing and applying new biological methods and technologies as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view."*

The 2025 winner in this category was:

- **Davis Joseph, Gifu University, Japan**



Davis Joseph, Gifu University, Japan

### Frank International Biophysics Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Frank International Biophysics Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=187>).

The citation of this Award reads:

*"For Leadership in applying physical principles in biological phenomena as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view."*

The 2025 winner in this category was:

- **Dr. Antonello Merlini, University of Naples Federico II, Italy**



Dr. Antonello Merlini, University of Naples Federico II, Italy

### Hershko International Biochemistry Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Hershko International Biochemistry Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=176>).

The citation of this Award reads:

*" For Leadership in developing and applying new biochemical methods and technologies as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view."*

The 2025 winner in this category was:

- **Dr. Assaf Friedler, The Hebrew University of Jerusalem, Israel**



Dr. Assaf Friedler, The Hebrew University of Jerusalem, Israel

### Marcus International Managing Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Marcus International Managing Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=62>).

The citation of this Award reads:

*" For Leadership in developing and applying new managing methods and technologies as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view."*

The 2025 winner in this category was:

- **Mr. Dosemurat Aitkulov, National Center for Integrated Processing of Mineral Raw Materials, Kazakhstan**



Mr. Dosemurat Aitkulov, National Center for Integrated Processing of Mineral Raw Materials, Kazakhstan

### Von Klitzing International Engineering Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Von Klitzing International Engineering Award and corresponding Star Crystal Trophy, her name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=60>).

The citation of this Award reads:

*"For Leadership in developing and applying new engineering methods and technologies as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view."*

The 2025 winner in this category was:

- **Dr. Svetlana Yefremova, Mineral Raw Materials of the Republic of Kazakhstan, Kazakhstan**



Dr. Svetlana Yefremova, Mineral Raw Materials of the Republic of Kazakhstan, Kazakhstan

### Dibra International Justice and Ethics Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Dibra International Justice and Ethics Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=198>).

The citation of this Award reads:

*"For Leadership in developing and applying new justice and ethical standards as per FLOGEN Sustainability Framework in the environmental, economic and social points of view."*

The 2025 winner in this category was:

- **Mr. Shinto Teramoto, Kyushu University, Japan**  
**Sustainability through Science and Technology / Sustainable Industrial Processing Summit**  
**2025 STARS:**



**Shinto Teramoto**

**Professor**

**Kyushu University, Fukuoka, Japan**

**Field: Justice and Ethics**

**DIBRA INTERNATIONAL JUSTICE AND ETHICS AWARD**

**FLOGEN STARS OUTREACH**

Mr. Shinto Teramoto, Kyushu University, Japan

**SIPS Honorary President**

During the Award Ceremony and Gala Dinner, one personality was honored with the SIPS Honorary President Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=171>).

The citation of this Award reads:

*" For Leadership and extraordinary contribution in SIPS Summits over the years in the framework of sustainable development in the environment, economy and social points of view"*

The 2025 winner in this category was:

- **Prof. Aaron Ciechanover, Technion-Israel Institute of Technology, Israel**



Prof. Aaron Ciechanover, Technion-Israel Institute of Technology, Israel

**Alter International Biomedicine and Public Health Award**

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Alter International Biomedicine and Public Health Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=200>).

The citation of this Award reads:

*"For Leadership in developing and applying new scientific biomedical and public health standards as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view."*

The 2025 winner in this category was:

- **Dr. Russel Reiter, UT Health San Antonio, USA**

**Sustainability through Science and Technology /Sustainable Industrial Processing Summit**  
**2025 STARS:**



**Russel Reiter**  
**Professor**  
**UT Health San Antonio, USA**

**Field: Cell Biology**

**ALTER INTERNATIONAL BIOMEDICINE AND PUBLIC HEALTH AWARD**  
**FLOGEN STARS OUTREACH**

Dr. Russel Reiter, UT Health San Antonio, USA

### Lehn International Chemistry Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Lehn International Chemistry Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=202>).

The citation of this Award reads:

*"For Leadership in developing and applying new chemical methods and technologies as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view."*

The 2025 winner in this category was:

- **Dr. Krzysztof Matyjaszewski, Carnegie Mellon University, USA**



Dr. Krzysztof Matyjaszewski, Carnegie Mellon University, USA

### Aumann International Economy Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2025 Aumann International Economy Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=208>).

The citation of this Award reads:

*"For leadership in developing new economic principles as per FLOGEN Sustainability Framework in the environmental, economic, and social points of view."*

The 2025 winner in this category was:

- **Dr. Charles Tang, President of the Chamber of Commerce and Industry Brazil-China and Paraguay-China, Brazil**



Dr. Charles Tang, President of the Chamber of Commerce and Industry Brazil-China and Paraguay-China, Brazil

## THEMATIC SYMPOSIA

The summit had a strong number of technical and thematic symposia, with special emphasis on the sustainable developments of the 23rd century. The overwhelming response from the international professional community was reflected in about 450 contributions received from authors and co-authors from more than 50 countries throughout the world. The countries of principal authors given alphabetically were: Australia, Austria, Belarus, Brazil, Brunei Darussalam, Bulgaria, Canada, Chile, China, Colombia, Czech Republic, Denmark, Egypt, Ethiopia, France, Georgia, Germany, Ghana, Greece, Hong Kong, India, Iraq, Israel, Italy, Japan, Kazakhstan, Moldova, Netherlands, Paraguay, Philippines, Poland, Portugal, Qatar, Republic of South Korea, Romania, Russian Federation, Serbia, Singapore, Slovakia, South Korea, Spain, Sri Lanka, Sudan, Sweden, Taiwan, Ukraine, United Arab Emirates, United Kingdom, United States and Venezuela. The biggest contributor countries were Australia, Canada, Brazil, Japan, China, Poland, France, Germany, Italy, Israel, India, Kazakhstan, Russian Federation and USA.

The papers were presented in a lot of sessions divided in the following thematic symposia:

- Dutrow International Symposium (4th Intl. Symp. on Geochemistry for Sustainable Development)
- Inufusa International Symposium (5th Intl. Symp. on Oxidative Stress for Sustainable Development of Human Beings)
- Kauffman International Symposium (8th Intl. Symp. on Sustainable Mathematics Applications)
- Matyjaszewski International Symposium (5th Intl. Symp. on Green Chemistry & Polymers & their Application for Sustainable Development)
- Meyers International Symposium (11th Intl. Symp. on Composite, Ceramic & Nano Materials Processing, Characterization & Applications)
- Otis International Symposium (5th Intl Symp on Law & its Applications for Sustainable Development)
- Tanner International Symposium (2nd Intl. Symp. on Pharmaceutical Sciences and Industrial Applications for Sustainable Development)
- Tang International Symposium (Intl. Symp. on Economy and Commerce for Sustainable Development)
- 9th Intl Symposium on New & Advanced Materials and Technologies for Energy, Environment, Health and Sustainable Development
- 2nd International Symposium on Agroforestry for Sustainable Development
- 8th Intl. Symp. on Sustainable Aluminum Extraction & Processing
- 10th Intl. Symp. on Sustainable Secondary Battery Manufacturing & Recycling
- 3rd International Symposium on Sustainable Biochar
- 10th Intl. Symp. on Sustainable Base-metal Bio-extraction
- International Symposium on Biomaterials for Sustainable Development
- International Symposium on Biotechnology for Nutrition, Health and Sustainability
- 8th Intl. Symp. on Sustainable Carbon and Biocoke and their Industrial Application
- 10th Intl. Symp. on Sustainable Surface & Interface Engineering: Coatings for Extreme Environments
- 10th International Symposium on Sustainable Construction Materials
- 4th Intl Symp. on Corrosion for Sustainable Development
- 4th Intl Symp. on COVID-19/Infectious Diseases & their implications on Sustainable Development
- 7th Intl. Symp. on Sustainability of World Ecosystems in Anthropocene Era
- 6th Intl. Symp. on Educational Strategies for Achieving a Sustainable Future
- 6th Intl. Symp. on Electrochemistry for Sustainable Development
- 2nd International Symposium on Endourology: Innovations, Technology, and Sustainability in Advancing Urological Practices
- 10th Intl. Symp. on Sustainable Energy Production: Fossil; Renewables; Nuclear; Waste handling, processing, & storage for all energy production technologies; Energy conservation
- 12th Intl. Symp. on Environmental, Policy, Management, Health, Economic, Financial, Social Issues Related to Technology & Scientific Innovation
- 10th Intl. Symp. on Sustainable Production of Ferro-alloys
- 5th Intl Symp on Geomechanics & Applications for Sustainable Development
- 3rd Intl. Symp. on Sustainable Glass Processing and Applications

- 11th Intl. Symp. on Advanced Sustainable Iron & Steel Making
- 5th Intl Symp. on Magnesium Alloys & Their Applications for Sustainable Development
- 6th Intl. Symp. on Advanced Manufacturing for Sustainable Development
- 4th Intl. Symp. on Technological Innovations in Medicine for Sustainable Development
- 8th Intl Symp. on Sustainable Complex Metallic Systems
- 9th Intl. Symp. on Sustainable Metals & Alloys Processing
- 11th Intl. Symp. on Sustainable Mineral Processing
- 10th Intl. Symp. on Sustainable Mining Operations
- 20th Intl. Symp. on Multiscale & Multiphysics Modelling of 'Complex' Material
- 3rd Intl Symp. on Modelling, Materials & Processes Interdisciplinary Symposium for Sustainable Development
- 11th Intl. Symp. on Sustainable Molten Salt, Ionic & Glass-forming Liquids & Powdered Materials
- 10th Intl. Symp. on Multiscale Material Mechanics & Sustainable Applications
- 10th Intl. Symp. on Synthesis & Properties of Nanomaterials for Future Energy Demands
- 4th Intl Symp. on Nanotechnology for Sustainable Development
- 11th Intl. Symp. on Sustainable Non-ferrous Smelting & Hydro/Electrochemical Processing
- 5th Intl. Symp. on Physical Chemistry & Its Applications for Sustainable Development
- 4th Intl Symp on Physics, Technology & Interdisciplinary Research for Sustainable Development
- 11th Intl. Symp. on Quasi-crystals, Metallic Alloys, Composites, Ceramics & Nano Materials
- 10th Intl. Symp. on Rare Earth & Platinum Group Metals: Managing & Processing
- 11th Intl. Symp. on Sustainable Materials Recycling Processes & Products
- 8th Intl. Symp. on Rotary Kiln Operations for Sustainable Products
- 9th Intl. Symp. on Science of Intelligent & Sustainable Advanced Ferromagnetic and Superconducting Magnets (SISAM)
- 5th Intl. Symp. on Materials/Solid State Chemistry and Nanoscience for Sustainable Development
- 4th Intl. Symp. on Solution Chemistry for Sustainable Development

Some thematic symposia and their speakers are shown in the pictures below while the others are in the summit web site at Post Symposium/Pictures tab.





## POSTERS

Numerous poster presentations were given during the summit. Below are some of the posters featured:



**ROUND TABLES**

Several round tables were organized in order to discuss different perspectives on the ideas presented during oral sessions.

**AFTER SESSIONS**



## SOCIAL PROGRAM

The participants enjoyed several outstanding social functions:

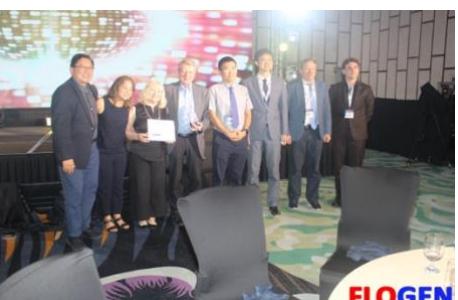
**Monday Dinner and Show** was held in the Boardwalk, and guests enjoyed a buffet dinner and drinks, followed by a dazzling show exclusively organized for SIPS 2025 participants.



**Tuesday Dinner and Show** was held in Sky Garden, and guests enjoyed a buffet dinner and drinks, followed by a dazzling Filipino dancing show exclusively organized for SIPS 2025 participants.



**Wednesday Gala Dinner and Show** was held in the Dusit Ballroom and included an elegant set menu dinner and exclusive show organized for SIPS 2025 participants.



**PUBLICATIONS**

The final Submitted papers are published in the Summit Official Publication volumes which add up to previous similar publications (<http://www.flogen.org/books/index.php?spage=2>).

**2025 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 1: Dutrow Intl. Symp. / Geochemistry

Edited by: F. Kongoli, G. Artioli, M. Asta, S. Hayun, A. Navrotsky, R. Riedel, N. Ross, A. Simon, B. Tsikouras, S. Webb

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2025

**ISBN:** [978-1-998384-38-9 \(CD\)](http://www.flogen.org/books/index.php?spage=2)

**2025 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 2: Inufusa Intl. Symp. / Oxidative Stress and Technological Innovations in Medicine

Edited by: F. Kongoli, K. Abe, W. Cho, K. Fukui, S. Hirano, D. Joseph, T. Yoshikawa, J.R. Ribas, N. Tran

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2025

**ISBN:** [978-1-998384-40-2 \(CD\)](http://www.flogen.org/books/index.php?spage=2)

**2025 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 3: Kauffman Intl. Symp. / Mathematics

Edited by: F. Kongoli, A. Bountis, M. Johnson, S. Karam, P. Mandell, M. Mikalajunas, W. Miller, G. Ord, P. Rowlands, R.M. Santilli, E. Suhir, E. Trell, T. Vougiouklis

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2025

**ISBN:** [978-1-998384-42-6 \(CD\)](http://www.flogen.org/books/index.php?spage=2)

**2025 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 4: Matyjaszewski Intl. Symp. / Polymers

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**2025 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 5: Meyers Intl. Symp. / Composite

Edited by: F. Kongoli, P. Assis, H.A.C. Lopera, S. Diaz, S.N. Monteiro, V.S. Candido

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**ISBN:** [978-1-998384-46-4 \(CD\)](http://www.flogen.org/books/index.php?spage=2)

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Volume 6: Otis Intl. Symp. / Law

Edited by: F. Kongoli, L.J. Berman, H. Carter, I. Freckleton, Y. Hayakawa, B. Jedlickova, M. McNeil, M. Nolan, E.S. Pana, D. Shanley

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Volume 7: Tanner Intl. Symp. / Pharmaceutical Sciences and Biotechnology

Edited by: F. Kongoli, S. Buchmann, M. Bultmann, I. Karim, G. Kimura, G. Knipp, H. Leuenberger, M. Makanga, N. Menshutina, P. Swaan, H. Tarabishi

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Publishing date: December 2025

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### **2025 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 12: Intl. Symp on Mining, Mineral and Geomechanics

Edited by: F. Kongoli, L. Guo, L. Liu, G.N. Anastassakis, L. Andric, K. Aravossis, V. Chanturiya, I. Chatjigeorgiou, D. Fuerstenau, V. Panayotov, J. Rubinstein

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2025

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### **2025 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 13: Intl. Symp on Solid State Chemistry, Physical Chemistry, Corrosion and Coating

Edited by: F. Kongoli, I. Chung, H. Kageyama, M.G. Kanatzidis, F. Marquis, A. Navrotsky, A. Tressaud, J. Atwood, G. Duca, R. Kuroda, A. Legocki, J. Lipkowski, M. Zaworotko, R. Singh, R. Gupta, M. Halama, D. Macdonald, F. Wang

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2025

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### **2025 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 14: Intl. Symp on Multiscale, Modelling, Nanotechnology and Modelling Materials

Edited by: F. Kongoli, D. Bammann, R. Das, J.B. Jordon, R. Prabhu, A. Rajendran, P. Trovalusci, M. de Campos

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2025

**ISBN: [978-1-998384-64-8 \(CD\)](#)**

## 2025 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION

### 14-Volume Package

Editor-in-Chief: Florian Kongoli

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## ATTENDEES' SATISFACTORY RATE

A poll among the attendees after the summit showed an overall satisfactory rate of 98%.

Dr. Florian Kongoli  
 President  
 Sustainable Industrial Processing Summit  
 17 -20 Nov. 2025  
 Chairman  
 FLOGEN STARS OUTREACH  
[www.flogen.org](https://www.flogen.org)  
[fkongoli@flogen.org](mailto:fkongoli@flogen.org)



## APPENDIX: SOME WRITTEN IMPRESSIONS

I want to express my sincere gratitude for the outstanding organization of the FLOGEN SIPS conference. It was a valuable and inspiring experience, and I am thankful for the opportunity to participate and connect with professionals from around the globe. This event opened a huge door for professional growth and meaningful connections. I had the honor of meeting brilliant colleagues from the Canada, USA, China, Austria, Brazil, Poland, Israel, and many other countries — each with their own inspiring ideas and experience. Grateful for the chance to share knowledge, exchange insights, and be part of a global scientific community. Such meetings truly remind us how science connects people beyond borders. Looking forward to future collaborations!

**Dr. Maral Dyussebekova**

Satbayev University

Kazakhstan

I'm still under the impression of the scientific celebration that was brilliantly organized in Cebu for all the participants of this prestigious international scientific forum.

**Prof. Alexander Brodt**

Metal-Tech

Israel

As a first-time attendee, expectations were exceeded. Overall, the event was interesting, rewarding, and filled with educational opportunities. The food superb, plentiful (too), at all venues. The FLOGEN staff were accommodating, pleasant, knowledgeable and helpful. The hotel staff were also accommodating, more than helpful, service oriented, and lovely. Rooms were fine, with a lovely patio view of the pool.

**Prof. Barbara Dutrow**

Louisiana State University

United States

Excellent meeting.

**Prof. Shigeru Hirano**

Kyoto Prefectural University of Medicine

Japan

Excellent work of the conference chairman.

**Prof. Milos Janecek**

Charles University

Czech Republic

Thank you again for the great conference and for the challenge of thinking about science and mathematics as globally as possible.

**Prof. Louis Kauffman**

University of Illinois at Chicago

United States

I am grateful for me to have the opportunity to chair and invited speaker as well as to attend lectures by Nobel Prize winners which were all valuable experiences.

**Dr. Go Kimura**

Shionogi & Co., Ltd.

Japan

I would like to express my sincere gratitude for organizing such an excellent and inspiring conference. It was a great honor to participate in SIPS 2025, and I truly appreciate the professionalism and hospitality shown throughout the event.

**Dr. Sophiko Kvinikadze**

LEPL G. Tsulukidze Mining Institute

Georgia

Thanks a lot for all, it was a fantastic meeting. This is a great honor, and again, I want to acknowledge this great organization, the website is wonderful. I hope to meet you very soon, and of course, in the next Flogen event.

**Prof. Henry Alonso Colorado Lopera**

Universidad de Antioquia

Colombia

Thanks Florian for organizing such a great conference.

**Prof. Krzysztof Matyjaszewski**

Carnegie Mellon University  
United States

I am elated with the award received and for the opportunity awarded to me.

**Prof. Marc Meyers**  
University of California San Diego  
United States

Enjoyed this conference specially the dinners, shows and performances were beyond expectations.

**Dr. Donya Ramimoghadam**  
Manufacturing  
Australia

Thank you very much for your assistance and organization during SIPS conference. Your kind support made my participation very good! Excellent symposium, with a very high scientific level and an innovative approach in the scientific congress format. Many congratulations to FLOGEN for all professional and empathetic support!!

**Dr. Davide Rossi**  
Development Cooperation Association BAZH.I  
Italy

More impressions can be found here: <https://www.flogen.org/?p=110#toop>