



## Highlights

The **SIPS 2022 - Sustainable Industrial Processing Summit & Exhibition** was held in Phuket, Thailand from 27 Nov-1 Dec 2022 at the Hilton Arcadia Hotel. 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 2022 STARS of sustainable science, technology, and innovation. In alphabetical order, they are:

- **Alario-Franco** international Symposium (2nd Intl Symp on Solid State Chemistry for Applications & Sustainable Development)
- **Dmitriev** International Symposium (6th Intl. Symp. on Sustainable Metals & Alloys Processing)
- **Horstemeyer** International Symposium (7th Intl. Symp. on Multiscale Material Mechanics & Sustainable Applications)
- **Kipouros** International Symposium (8th Intl. Symp. on Sustainable Molten Salt, Ionic & Glass-forming Liquids & Powdered Materials)
- **Kolomaznik** International Symposium (8th Intl. Symp. on Sustainable Materials Recycling Processes & Products)
- **Macdonald** International Symposium (Intl Symp. on Corrosion for Sustainable Development)
- **Marcus** International Symposium (Intl. Symp. on Solution Chemistry Sustainable Development)
- **Mauntz** International Symposium (7th Intl. Symp. on Sustainable Energy Production: Fossil; Renewables; Nuclear; Waste handling, processing, & storage for all energy production technologies; Energy conservation)
- **Mizutani** International Symposium (6th Intl. Symp. on Science of Intelligent & Sustainable Advanced Materials (SISAM))
- **Nolan** International Symposium (2nd Intl Symp on Laws & their Applications for Sustainable Development)
- **Poveromo** International Symposium (8th Intl. Symp. on Advanced Sustainable Iron & Steel Making)
- **Trovalusci** International Symposium (17th Intl. Symp. on Multiscale & Multiphysics Modelling of 'Complex' Material (MMCM17))
- **Virk** International Symposium (Intl Symp on Physics, Technology & Interdisciplinary Research for Sustainable Development)
- **Yazami** International Symposium (7th Intl. Symp. on Sustainable Secondary Battery Manufacturing & Recycling)
- **Yoshikawa** International Symposium (2nd Intl. Symp. on Oxidative Stress for Sustainable Development of Human Beings)

The honorees cover areas of materials sciences that appear distinct, but are in reality 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; batteries; bio-extraction; cement; coal; coatings; composites; ceramics; ecosystems; education; energy production; environment; 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 9 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.



Grand Ballroom



View of Karon beach from the Hilton Arcadia Hotel

## **OPENING EVENT**

The Opening Event was held on Sunday evening in the Seafarer Pool. This informal welcoming dinner involved International delicacies and Entertainment dance shows.



Opening Event Dinner & Cocktail on Seafarer Pool

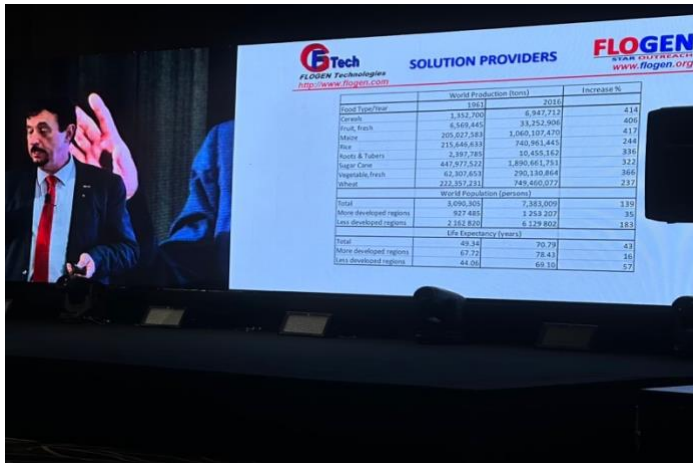


SIPS 2022 guests at the Opening Event

## SUMMIT PLENARIES

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

### Summit Plenary I:



**Dr. Florian Kongoli**  
FLOGEN Chairman



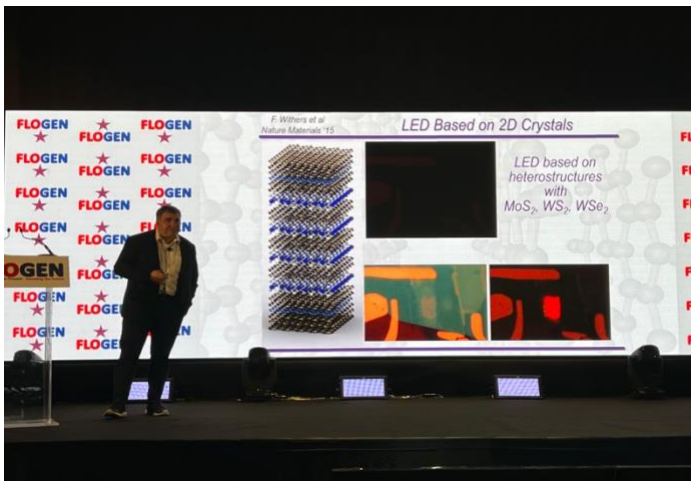
**Prof. Ferid Murad**  
1998 Nobel Laureate - Medicine  
Stanford University, USA



**Prof. Dan Shechtman**  
2011 Nobel Laureate – Chemistry  
Technion, Israel



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



**Prof. Konstantin Novoselov**  
2010 Nobel Laureate – Physics  
National University, Singapore



**Prof. Nektarios Tavernarakis**  
University of Crete, Greece

## Summit Plenary II:



**Prof. Didier Queloz**  
2019 Nobel Laureate – Physics  
ETH-Z, Switzerland



NECCES

SIPS 2022 – Phuket

### The Communications Revolution was enabled by Lithium Batteries, now taking on Climate Change

**M. Stanley Whittingham**  
Binghamton University (SUNY)  
Honorary Fellow, New College, Oxford

Humanity disruption

Nobel Committee: "They have laid the **foundation** of a wireless, **fossil** fuel-free society, and are of the greatest benefit to humankind."

**Now, we need action!**

**Sir. Prof. Richard Roberts**  
1993 Nobel Laureate – Medicine  
New England Biolabs, USA

**Prof. Stanley Whittingham**  
2019 Nobel Laureate – Chemistry  
Binghamton University, USA



**Prof. Subra Suresh**  
NTU, Singapore

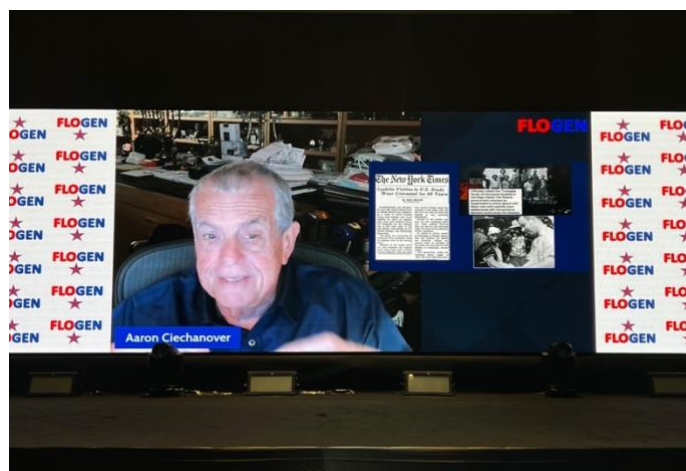


**Prof. Fernand Marquis**  
San Diego State University, USA

### Summit Plenary III:



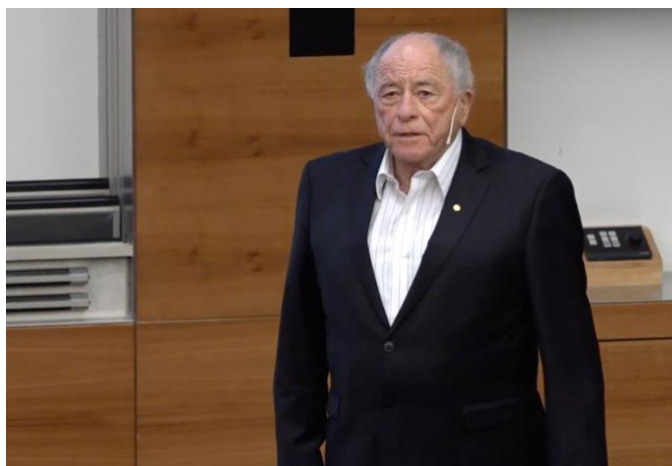
**Dr. Florian Kongoli**  
FLOGEN Chairman



**Prof. Aaron Ciechanover**  
2004 Nobel Laureate – Chemistry  
Technion Integrated Cancer Center, Israel



**Prof. Avram Hershko**  
2004 Nobel Laureate – Chemistry  
Technion Institute of Technology, Israel



**Prof. Kurt Wuthrich**  
2002 Nobel Laureate – Chemistry  
ETH-Z, Switzerland

## AWARDS CEREMONY

**Dr. Florian Kongoli**, FLOGEN Chairman, opened the gala to all participants, STAR honorees and VIP guests. There was a special introduction by Sanjeev Chowdhury, Counsellor and Senior Trade Commissioner, Embassy of Canada to Thailand.



**Dr. Florian Kongoli**, FLOGEN Chairman



**Dr. Florian Kongoli**



Special address by Sanjeev Chowdhury



Sanjeev Chowdhury and Dr. Florian Kongoli

## Fray International Sustainability Award

During the Award Ceremony and Gala Dinner, several personalities were honored with the 2022 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=38>). The 2022 winners in each category were the following:

### Academia

*"For Leadership in developing new technologies that contribute to a global sustainable development in the environmental, economic, and social points of view"*

- Prof. Miguel Angel Alario-Franco, Universidad Complutense in Madrid (UCM) (Spain)
- Prof. Andrey Dmitriev, Russian Academy of Sciences (Russia)
- Prof. Mark Horstemeyer, Liberty University (USA)
- Prof. Georges Kipourou, Dalhousie University (Canada)
- Prof. Karel Kolomaznik, Tomas Bata University in Zlin (Czechia)
- Prof. Digby Macdonald, University of California at Berkeley (USA)
- Prof. Uichiro Mizutani, Nagoya University (Japan)
- Prof. Patrizia Trovalusci, Sapienza University of Rome (Italy)
- Prof. Hardev Singh Virk, SGGS World University (India)
- Prof. Didier Queloz, ETH-Z (Switzerland)
- Prof. Konstantin Novoselov, National University (Singapore)
- Prof. Richard Roberts, New England Biolabs (USA)
- Prof. Koji Fukui, Shibaura Institute of Technology (Japan)
- Prof. Ferid Murad, Stanford University (USA)
- Prof. Gurtej Sandhu, Micron Technology (USA)
- Prof. Avram Herskho, Technion Institute of Technology (Israel)
- Prof. Aaron Ciechanover, Technion Integrated Cancer Center (Israel)
- Prof. M. Stanley Whittingham, Binghamton University (USA)



Prof. Miguel Angel Alario-Franco, UCM, Spain



Prof. Andrey Dmitriev, Russian Academy of Sciences, Russia



Prof. Mark Horstemeyer, Liberty University, USA



Prof. Georges Kipouros, Dalhousie University, Canada



Prof. Karel Kolomaznik, Tomas Bata University in Zlin



Prof. Digby Macdonald, University of California, USA



Prof. Uichiro Mizutani, Nagoya University, Japan



Prof. Patrizia Trovalusci, Sapienza University of Rome, Italy



Prof. Hardev Singh Virk, SGGS World University, India



Prof. Didier Queloz, ETH-Z, Switzerland



Prof. Konstantin Novoselov, National Uni., Singapore



Prof. Richard Roberts, New England Biolabs, USA



Prof. Koji Fukui, Shibaura Institute of Technology, Japan



Prof. Gurtej Sandhu, Micron Technology, USA

## Geim International Innovation Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 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=47>).

The citation of this Award reads:

"For extraordinary scientific innovation that enables a successful business and contributes to shaping a sustainable future."

The 2022 winner in this category was:

- Dr. Shinichi Hori, Institute for image Guided Therapy (Japan)

## Lee International Law Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 Lee 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=63>).

The citation of this Award reads:

"For Leadership in applying law with a scientific logic within the framework of sustainable development."

The 2022 winner in this category was:

- Matthew M. Nolan, Arent Fox Schiff LLP (USA)



Matthew M. Nolan, Arent Fox Schiff LLP, USA

### Stoddart International Scientific Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 Stoddart International Scientific Award and corresponding Star Crystal Trophy, her name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=45>).

The citation of this Award reads:

*"For extraordinary scientific achievements within the framework of sustainable development."*

The 2022 winner in this category was:

- Prof. Jean-Marie Dubois, Institute Jean Lamour (France)



Prof. Jean-Marie Dubois, Institute Jean Lamour, France

### Wuthrich International Young Star Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 Wuthrich International Young Star Award and corresponding Star Crystal Trophy, her name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=46>).

The citation of this Award reads:

*"For outstanding scientific performance during the early career stages, within the framework of sustainable development."*

The 2022 winner in this category was:

- Researcher Mariia Kaidash, Institute for Single Crystals (Ukraine)



Researcher Mariia Kaidash, Institute for Single Crystals, Ukraine

## Von Klitzing International Engineering Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 Von Klitzing International Engineering Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=57>).

The citation of this Award reads:

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

The 2022 winner in this category was:

- Prof. Harn Wei Kua, National University of Singapore (Singapore)



Prof. Harn Wei Kua, National University of Singapore, Singapore

## Shechtman International Leadership Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 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=42>).

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 in the environment, economy and social points of view."*

The 2022 winner in this category was:

- Prof. Subra Suresh, NTU (Singapore)



Prof. Dan Shechtman presenting the award to Prof. Subra Suresh, NTU, Singapore

## Murad International Life Improvement Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 Murad International Life Improvement Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=65>).

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 2022 winner in this category was:

- Dr. Haruhiko Inufusa, MD, CEO, TIMA (Japan)



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

### Yildirim International Entrepreneurship Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 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=44>).

The citation of this Award reads:

*"For innovative leadership in establishing, developing and/or growing, against all challenges, odds and risks, a sustainable business in environment, economy and social point of view."*

The 2022 winner in this category was:

- Prof. Manfred Mauntz, CMC Instruments GmbH (Germany)



Prof. Manfred Mauntz, CMC Instruments GmbH, Germany

### Novoselov International Materials Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 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=44>).

The citation of this Award reads:

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

The 2022 winner in this category was:

- Prof. Christian Andre Amatore, CNRS (France)



Prof. Christian Andre Amatore, CNRS, France

## Marcus International Managing Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 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=66>).

The citation of this Award reads:

*"For innovative leadership in stablishing, developing and/or growing, against all challenges, odds and risks, a sustainable business in environment, economy and social point of view."*

The 2022 winner in this category was:

- Prof. Joseph J. Poveromo, RMI Global Consulting (USA)

## Hershko International Biochemistry Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 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=183>).

The citation of this Award reads:

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

The 2022 winner in this category was:

- Dr. Osamu Kimura, Tokyo CA Clinic (Japan)



Dr. Osamu Kimura, Tokyo CA Clinic, Japan

### Ciechanover International Biology Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 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=182>).

The citation of this Award reads:

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

The 2022 winner in this category was:

- Dr. Naomi Okada, Gifu University (Japan)



Dr. Naomi Okada, Gifu University, Japan

### Whittingham International Energy Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 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=182>).

The citation of this Award reads:

*"For Leadership in developing new energy technologies for a sustainable development in the environmental, economic, and social points of view"*

The 2022 winner in this category was:

- Prof. Rachid Yazami, KVI Holdings (Singapore)



Prof. Rachid Yazami, KVI Holdings, Singapore

## International Life in Universe Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 International Life in Universe Award and corresponding Star Crystal Trophy, his name marking the first of many distinguished award winners to come. (<https://www.flogen.org/?p=181>).

The citation of this Award reads:

*"For innovative leadership in establishing, developing and/or growing, against all challenges, odds and risks, a sustainable business in environment, economy and social point of view"*

The 2022 winner in this category was:

- Prof. Nektarios Tavernarakis, University of Crete (Greece)



Prof. Nektarios Tavernarakis, University of Crete, Greece

## Robert's International Medicine Award

During the Award Ceremony and Gala Dinner, one personality was honored with the 2022 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=181>).

The citation of this Award reads:

*"For leadership in developing new basic medical principles in the framework of sustainable development in the environmental, economic, and social points of view"*

The 2022 winner in this category was:

- Prof. Toshikazu Yoshikawa, Louis Pasteur Center (Japan)



Dr. Richard Robert's presenting the award to Prof. Toshikazu Yoshikawa, Louis Pasteur Center, Japan

## THEMATIC SYMPOSIA

The summit had a strong number of technical and thematic symposia, with special emphasis on the sustainable developments of the 21st century. The overwhelming response from the international professional community was reflected in about 600 contributions received from authors and co-authors from more than 60 countries throughout the world. The countries of principal authors given alphabetically were: Algeria, Argentina, Australia, Austria, Belgium, Brazil, Bulgaria, Canada, Chile, China, Croatia, Czech Republic, Ethiopia, France, Georgia, Germany, Greece, Hong Kong, India, Iran, Israel, Italy, Japan, Kazakhstan, Kuwait, Lithuania, Luxembourg, Mexico, Mongolia, Nepal, Netherlands, Norway, Oman, Pakistan, Peru, Philippines, Poland, Republic of South Korea, Romania, Russian Federation, Saint Helena, Saudi Arabia, Serbia and Montenegro, Singapore, Slovakia, South Africa, South Korea, Spain, Sweden, Switzerland, Taiwan, Thailand, Ukraine, United Arab Emirates, United Kingdom, United States, Venezuela and Vietnam. The biggest contributor countries were Canada, Brazil, Japan, China, Poland, Czech Republic, France, Germany, Greece, Kazakhstan, Russian Federation and USA.

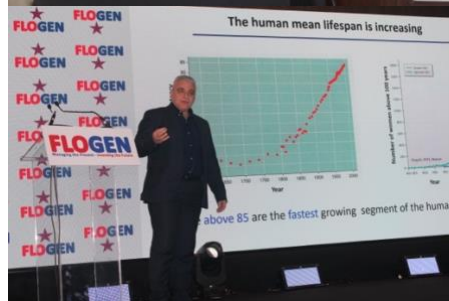
The papers were presented in a lot of sessions divided in the following thematic symposia:

- **Alario-Franco international Symposium** (2nd Intl Symp on Solid State Chemistry for Applications & Sustainable Development)
- **Dmitriev International Symposium** (6th Intl. Symp. on Sustainable Metals & Alloys Processing)

- **Horstemeyer International Symposium** (7th Intl. symp. on Multiscale Material Mechanics & Sustainable Applications)
- **Kipouros International Symposium** (8th Intl. Symp. on Sustainable Molten Salt, Ionic & Glass-forming Liquids & Powdered Materials)
- **Kolomaznik International Symposium** (8th Intl. Symp. on Sustainable Materials Recycling Processes & Products)
- **Macdonald International Symposium** (Intl Sympos. on Corrosion for Sustainable Development)
- **Marcus International Symposium** (Intl. symp. on Solution Chemistry Sustainable Development)
- **Mauntz International Symposium** (7th Intl. Symp. on Sustainable Energy Production: Fossil; Renewables; Nuclear; Waste handling, processing, & storage for all energy production technologies; Energy conservation)
- **Mizutani International Symposium** (6th Intl. Symp. on Science of Intelligent & Sustainable Advanced Materials (SISAM))
- **Nolan International Symposium** (2nd Intl Symp on Laws & their Applications for Sustainable Development)
- **Poveromo International Symposium** (8th Intl. Symp. on Advanced Sustainable Iron & Steel Making)
- **Trovalusci International Symposium** (17th Intl. Symp. on Multiscale & Multiphysics Modelling of 'Complex' Material (MMCM17))
- **Virk International Symposium** (Intl Symp on Physics, Technology & Interdisciplinary Research for Sustainable Development)
- **Yazami International Symposium** (7th Intl. Symp. on Sustainable Secondary Battery Manufacturing & Recycling)
- **Yoshikawa International Symposium** (2nd Intl. Symp. on Oxidative Stress for Sustainable Development of Human Beings)
- 6th Intl. Symp. on **New & Advanced Materials & Technologies** for Energy, Environment, Health & Sustainable Development
- 7th Intl. Symp. on Sustainable **Mineral** Processing
- 5th Intl. Symp. on Sustainable **Aluminum** Extraction & Processing
- 7th Intl. Symp. on Sustainable Base-metal **Bio-extraction**
- 7th Intl. Symp. on Sustainable **Cement** Production
- 5th Intl. Symp. on Sustainable **Coal** Combustion & Processing
- 7th Intl. Symp. on Sustainable Surface & Interface Engineering: **Coatings** for Extreme Environments
- 8th Intl. Symp. on **Composite**, Ceramic & Nano Materials Processing, Characterization & Applications
- International Symposium on **COVID-19**/Infectious Diseases & their implications on Sustainable Development
- 4th Intl. Symp. on Sustainability of World **Ecosystems** in Anthropocene Era
- 3rd Intl. Symp. on **Educational** Strategies for Achieving a Sustainable Future
- 3rd Intl. Symp. on **Electrochemistry** for Sustainable Development
- 9th Intl. Symp. on **Environmental**, Policy, Management, Health, Economic, Financial, Social Issues Related to Technology & Scientific Innovation
- 7th Intl. Symp. on Sustainable Production of **Ferro-alloys**
- 2nd Intl Symp on **Geomechanics** & Applications for Sustainable Development
- 2nd Intl Symp. on **Magnesium** Alloys & Their Applications for Sustainable Development
- 3rd Intl. Symp. on Advanced **Manufacturing** for Sustainable Development
- 5th Intl. Symp. on Sustainable **Mathematics** Applications
- Intl. Symp. on Technological Innovations in **Medicine** for Sustainable Development
- 5th Intl Symp. on Sustainable Complex Metallic Systems
- 7th Intl. Symp. on Sustainable **Mining** Operations
- 7th Intl. Symp. on Synthesis & Properties of **Nanomaterials** for Future Energy Demands
- International Symposium on **Nanotechnology** for Sustainable Development
- 8th Intl. Symp. on Sustainable **Non-ferrous** Smelting & Hydro/Electrochemical Processing
- 2nd Intl. Symp. on **Physical Chemistry** & Its Applications for Sustainable Development
- 2nd Intl Symp on Green Chemistry & **Polymers** & their Application for Sustainable Development

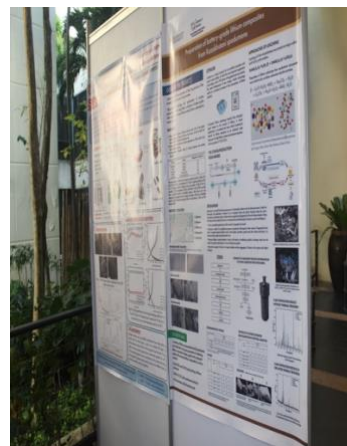
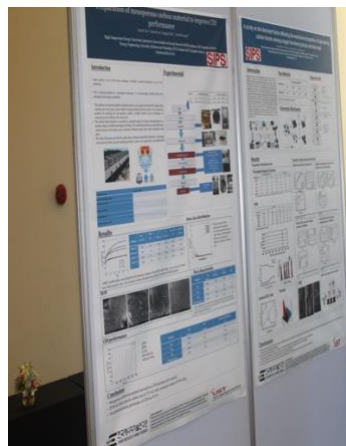
- 8th Intl. Symp. on **Quasi-crystals**, Metallic Alloys, Composites, Ceramics & Nano Materials
- 7th Intl. Symp. on **Rare Earth & Platinum Group Metals: Managing & Processing**
- 5th Intl. Symp. on **Rotary Kiln** Operations for Sustainable Products
- **Modelling, Materials** & Processes Interdisciplinary symposium 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**



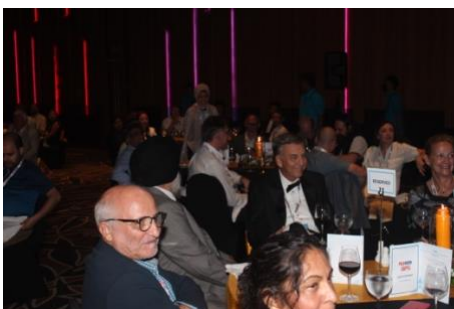
## SOCIAL PROGRAM

The participants enjoyed several outstanding social functions:

**Sunday Dinner and Show** was held in Seafarer Pool, and guests enjoyed a buffet dinner and drinks, followed by a dazzling International dancing show exclusively organized for SIPS 2022 participants.



**Tuesday Gala Dinner and Show** was held in the Grand Ballroom, and included an elegant set menu dinner and exclusive show organized for SIPS 2022 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?page=2>).

### **2022 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 1: Alario-Franco Intl. Symp/ Solid State Chemistry

Edited by: F. Kongoli, F. Marquis, S. Kalogirou, B. Raveau, A. Tressaud, H. Kageyama, A. Varez, R. Martins.

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2022

**ISBN: 978-1-989820-34-6 (CD)**

### **2022 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 2: Dmitriev Intl.Symp. / Metals & Alloys Processing

Edited by: F. Kongoli, J. De Castro, M. Gomez-Marroquin, Y. Gordon, M. Naimanbayev, V. Tsepelev, S. Prakash

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2022

**ISBN: 978-1-989820-36-0 (CD)**

### **2022 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 3: Horstemeyer Intl.Symp. / Multiscale Materials Mechanics & Applications.

Edited by: F. Kongoli, E. Aifantis, A. Konstantinidis, D. Bammann, J. Boumgardner, K. Johnson, N. Morgan, R. Prabhu, A. Rajendran.

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2022

**ISBN: 978-1-989820-38-4 (CD)**

### **2022 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 4: Kipourous Intl. Symp. / Molten Salt, Ionic & Glass-forming Liquids & Powdered Materials

Edited by: F. Kongoli, R. Fehrmann, V. Papangelakis, I. Paspaliaris, G. Saevarsdottir

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2022

**ISBN: 978-1-989820-40-7 (CD)**

### **2022 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 5: Kolomaznik Intl. Symp / Materials Recycling Processes & Products.

Edited by: F. Kongoli, M. Barinova, F. Ahmed, H. Ozgunay, K. Tang, N. Thanh, C. Gaidau, X. GUO

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2022

**ISBN: 978-1-989820-42-1 (CD)**

### **2022 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 6: Macdonald Intl. Symp. / Corrosion and Surface & Interface Engineering: Coatings for Extreme Environments.

Edited by: F. Kongoli, R. Singh, F. Wang

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2022

**ISBN: 978-1-989820-44-5 (CD)**

**2022 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 7: Marcus Intl. Symp. / Solution Chemistry

Edited by: F. Kongoli

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2022

**ISBN: 978-1-989820-46-9 (CD)**

**2022 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 8: Mauntz Intl. Symp. / Energy Production.

Edited by: F. Kongoli, H. Dodds, S. Atnaw, T. Turna

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2022

**ISBN: 978-1-989820-48-3 (CD)**

**2022 SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT AND EXHIBITION**

Volume 9: Mizutani Intl. Symp. / Science of Intelligent & Advanced Materials (SISAM) and Quasi-crystals.

Edited by: F. Kongoli, J. Dubois, E. Gaudry, T. Homma, V. Fournée

Publisher: FLOGEN STARS OUTREACH

Publishing date: December 2022

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## **APPENDIX: SOME WRITTEN IMPRESSIONS**

Thank you so much for the excellent organization of the symposium and the warm welcome.

**Prof. Andrey Dmitriev**

Russian Academy of Sciences

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Many thanks for the perfect organization and selection of topics and presentations during SIPS 2022 in sunny Phuket!

Looking forward to hopefully meeting you again next year in the selected location of SIPS2023!

**Prof. Pascal N  gr  **

Project Management Plating Materials IPM2,

Paris, France

A vivid thanks for what you did in SIPS 2022.

**Prof. Jean-Marie Dubois**

Institut Jean Lamour

Nancy, France

Thank you very much, indeed, Florian. Specially, for having made all that possible and giving me the Fray International Sustainability Award.

That night was a great, really fantastic night, within a very interesting and fruitful meeting.

**Prof. Miguel Angel Alario-Franco**

Universidad Complutense in Madrid (UCM)

Madrid, Spain

The conference was indeed excellent. I thoroughly enjoyed the talks by the Nobel Laureates. My friend Dr. Subra Suresh gave a very nice talk. I thank SIPS selecting him for the highest award.

I am looking forward to attend the next SIPS.

**Prof. Arunachalam Rajendran**

University Distinguished Professor

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SIPS 2022 was amazing – thank you and your team for putting on a great show.

**Prof. Athan Fox**

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I would like to tell you again how exceptional I found the SIPS meeting in Phuket All the characteristics that made your meetings a success was present: very high scientific content of the symposia, most prestigious guests, marvelous site, combined with conviviality and unforgettable evenings.

**Prof. Alain Tressaud**

Research Director CNRS (Emeritus)

Bordeaux, France