



# Awards and Scholarship Committee

Martin Wüest  
Chair

Zoom  
25 March 2022



# Agenda

- IUVSTA Elsevier Students Award
- IUVSTA Welch Scholarship
- IUVSTA Prize (Science and Technology)
- IUVSTA EBARA Award

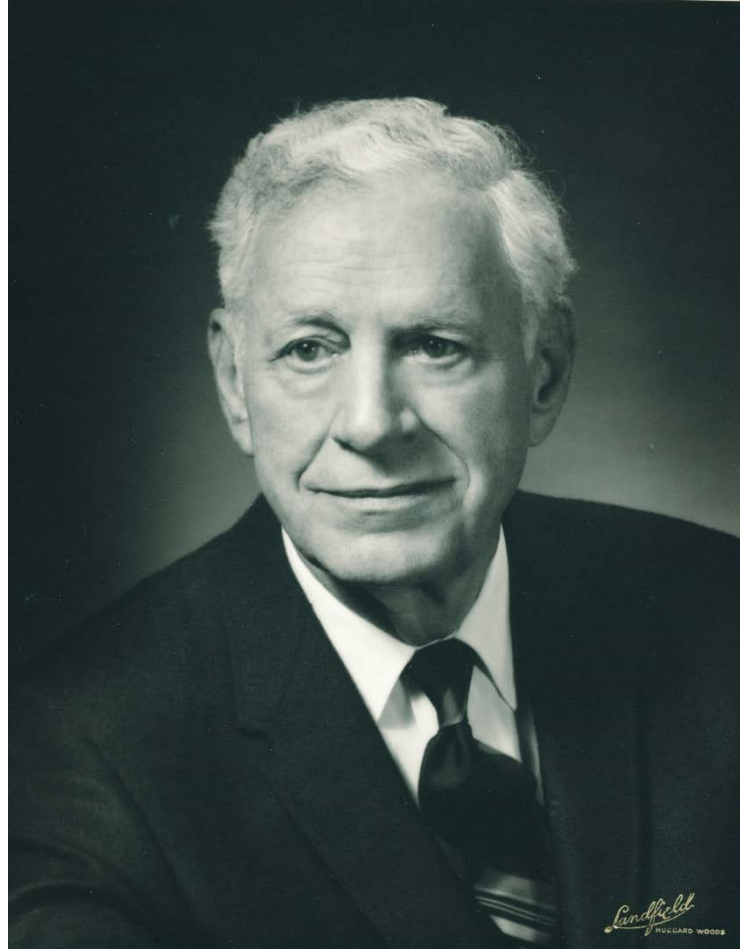


# IUVSTA Elsevier Student Travel Award

			EUR	Contacted/On web/ Winners announced/ report written
<b>ICTF-2020</b>	14-18 June 2020 postponed to 22-26 Nov 2020, 15 students conf fee student to attend EVC-16 in Marseille	Budapest, Hungary	2000 EUR 110=1650 + EUR 350 ICTF	y/y/y/y
<b>VASSCAA-10</b>	11-15 Oct 2020 postponed to 11-14 Oct 2021, IUVSTA received 15 Sept 2020 EUR 2000 as intermediary due the postponement of VASSCAA-10. Transferred to CVS 6 on Sept 2021. 7 awardees selected.	Shanghai, China	2000	y/y/y/y
<b>EVC-16</b>	30 May-4 June 2021 Place holder for IUVSTA Elsevier Award Announcement on web site postponed to 21-26 Nov 2021	Marseille, France	2000	y/y/y/y
<b>ECOSS 35</b>	29 August – 2 Sept 2021 Now ECOSS 35 2020 postponed again to 29 Aug-2 Sept 2022 IUVSTA is intermediary due to budget regulations at Elsevier	Luxembourg	2000	y/y/n/n
<b>IVC-22</b>	11-16 September 2022	Sapporo, Japan	4000 ----- 12000	y/y/n/n



# IUVESTA Medard W. Welch International Scholarship Award



Medard W. Welch, 1<sup>st</sup> President of IUVESTA



# IUVSTA Welch Award 2022

- 03 Jan 2022
- 25 Jan 2022

Donation from Mr. Bro received by AVS

Donation from Mrs. Howard received by AVS

Ad poster in preparation

Application Deadline June 15, 2022





# IUVSTA Welch Award 2021

- Early January 2022 Rémy Delaporte-Mathurin arrived at MIT
- 19 February 2022 Yanela Mendez González arrived in Madrid
- They have received the first installment of the award



# IUVSTA Welch Award 2020

- Pierre Vinchon, Welch Awardee 2020, could not yet take up his fellowship due to COVID border restrictions in Japan.
- Now he is awarded a JSPS short-term postdoctoral fellowship. He thinks the Welch prize influenced this decision.
- “Unfortunately, this fellowship is quite exclusive and it is not compatible with any other “compensation” which would force me to renounce to the fund of the Welch prize. It is a shame since I was initially planning to use the Welch prize fund to come to Japan before applying to the JSPS program. COVID and borders restrictions did mess with this plan. In this case, do you think it would be possible for IUVSTA to wait for the end of the JSPS fellowship to provide me the prize fund? It would extend my stay for a couple of months to finish my research project.”
- Allowed if he presents at IVC-22 in Sapporo. Plans to submit abstract
- Plans to arrive at end of April in Japan



# IUVSTA Welch Committee Members 2019-2022

Name	e-mail	Continent	Organization	Gender	Term	ECM
Anton P.J. Stampfl, Chair	<a href="mailto:aps@ansto.gov.au">aps@ansto.gov.au</a>	Australia	Research Lab	m	2018-2021	Chair CPC
Jay Hendricks	<a href="mailto:Jay.hendricks@nist.gov">Jay.hendricks@nist.gov</a>	America	Gov't Lab	m	Ex-Officio (2019-2022)	Chair STD
Arnaud Delcorte	<a href="mailto:Arnaud.delcortee@uclouvain.be">Arnaud.delcortee@uclouvain.be</a>	Europe	University	m	Ex-Officio (2019-2022)	Treasurer
Francisco Tabarés	<a href="mailto:paco.tabares@ciemat.es">paco.tabares@ciemat.es</a>	Europe	Research Lab	m	2018-2020	No function
Jennifer MacLeod	<a href="mailto:Jennifer.macleod@qut.edu.au">Jennifer.macleod@qut.edu.au</a>	Asia/ Pacific	University	f	2020-2025	Alt Counillor AUS
Enrico Maccallini	<a href="mailto:Enrico_Maccallini@saes-group.com">Enrico_Maccallini@saes-group.com</a>	Europe	Industry	m	2018-2023	Alt Councillor Italy
Ana G. Silva	<a href="mailto:acs@fct.uni.pt">acs@fct.uni.pt</a>	Europe	University	f	2018-2024	Rec Secretary & Chair ND





# IUVSTA Prizes



# IUVSTA Prize

Every three years IUVSTA awards two major prizes :

The IUVSTA Prize in Science

The IUVSTA Prize in Technology



# **IUVSTA Prize for Science**

is awarded to recognize and encourage outstanding internationally-acclaimed research in the fields of interest to IUVSTA.



# **IUVSTA Prize for Technology**

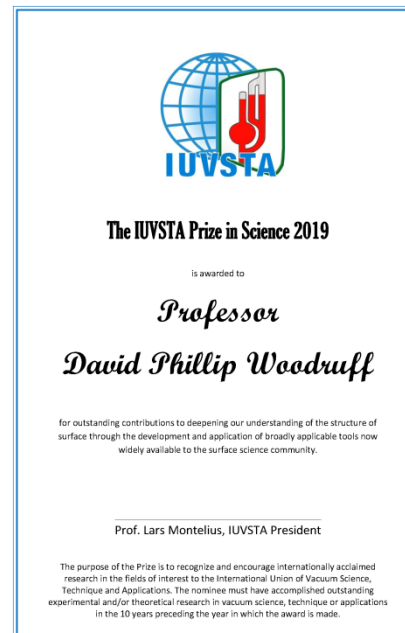
is awarded to recognize and encourage outstanding internationally-acclaimed achievements in technology and instrumentation in the fields of interest to IUVSTA.



# IUVSTA Prize

consists of

- a cash award,
- a struck medal
- and a certificate





# IUVSTA Prizes Nomination Package

- Nomination Letter
- Description of Research or Technological Highlights
- Biographical Materials
- Supporting Letters
  - (3-5, outside institution of nominee)
- Endorsement letter from President of National Society
- Formal Announcement
  - 17 May IUVSTA Newsflash 24
  - 27 May Email to Presidents Vacuum Soc and IUVSTA Councillors and Division Chairs,
  - 8 June on Twitter and LinkedIn
  - IUVSTA Newsflash reminder
- Deadline January 31, 2022
- Received
  - 2 application for Technology Prize
  - 2 application for Science Prize
- Review by March 10, 2022

# Nominations received for IUVSTA Prizes

- Received two nominations for the Science Prize
- Received two nominations for the Technology Prize



# Evaluators

- |                    |             |
|--------------------|-------------|
| • Sylvie Bourgeois | France      |
| • Ana Gomes Silva  | Portugal    |
| • Jay Hendricks    | USA         |
| • Pedro Nascente   | Brazil      |
| • Pär Omling       | Sweden      |
| • François Reniers | Belgium     |
| • Anton Stampfl    | Australia   |
| • Andrej Vincze    | Slovakia    |
| • Martin Wüest     | Switzerland |





# Nomination for IUVSTA Prize for Science 2022

## Christian Mitterer

Professor of Functional Materials and Materials Systems  
Department of Materials Science  
Montanuniversität Leoben  
Leoben, Austria



*For his seminal contributions to the materials science of  
protective coatings and thin films for flexible electronics  
and hydrogen storage*



# Nomination for IUVESTA Prize for Science 2022

## Rudolf M. Tromp

Professor emeritus  
Physics of Surfaces and Materials  
Leiden University  
The Netherlands



*For his contributions to research and instrumentation in  
basic and applied surface science*



# Nomination for IUVESTA Prize for Technology 2022

## Aharon Gedanken

Prof. emeritus  
Department of Chemistry and  
the Institute of Nanotechnology  
Bar-Ilan University  
Ramat Gan  
Israel



*For ground-breaking advances in nanotechnology, especially for the development of a unique coating technique based on ultrasonic radiation and its successful commercial applications in the fields of medicine, the environment, and cosmetics*



# Nomination for IUVESTA Prize for Technology 2022

**Ian S Gilmore**

Prof  
NPL Head of Science  
National Physical Laboratory, Hampton Road,  
Teddington, Middlesex, TW11 0LW, UK



*For pioneering advances in vacuum instrumentation enabling innovative multidisciplinary research and development.*







# IUVSTA Prize for Science 2022



## Christian Mitterer

Professor of Functional Materials and Materials Systems  
Department of Materials Science  
Montanuniversität Leoben  
Leoben, Austria



*For his seminal contributions to the materials science of protective coatings and thin films for flexible electronics and hydrogen storage*



# IUVSTA Prize for Technology 2022



**Ian S Gilmore**

Prof  
NPL Head of Science  
National Physical Laboratory, Hampton Road,  
Teddington, Middlesex, TW11 0LW, UK



*For pioneering advances in vacuum instrumentation enabling innovative multidisciplinary research and development.*



# IUVSTA EBARA Award



APPLY AT  
[IUVSTA.ORG](https://iuvsta.org)

ARE YOU AN EARLY-CAREER RESEARCHER  
WORKING IN THE AREA OF VACUUM  
SCIENCE AND TECHNOLOGY  
WITH A PASSION FOR ENVIRONMENT?





# IUVSTA EBARA Young Scientist Award

- Award for a person within 10 years after Ph.D.
- For past work
- Dissemination: Web, National vac societies, IUVSTA newsflash, social media, scientific journals
- Frequency: every 3 years with IVC
- Application: Frama forms
- Evaluation: Special Committee that includes EBARA Scientist
- Award: EUR 3000 + invited talk at IVC.
  - IVC conference fee to come out of IUVSTA (now EBARA) budget





## THE INTERNATIONAL UNION FOR VACUUM SCIENCE, TECHNIQUE AND APPLICATIONS



### IUVSTA EBARA AWARD

#### Application form for IUVSTA EBARA Award

ARE YOU AN EARLY-CAREER RESEARCHER WORKING IN THE AREA OF VACUUM SCIENCE AND TECHNOLOGY WITH A PASSION FOR ENVIRONMENT?

Take the chance and participate in a contest for the development of environmentally friendly vacuum technologies.

The winner will be awarded a prize to the amount of 3000 euros at the IVC22 congress in Sapporo/Japan, September 11-16, 2022.

APPLY AT [IUVSTA.ORG](http://IUVSTA.ORG)



IUVSTA EBARA

For the second time, IUVSTA calls for applications for the IUVSTA EBARA Award.

The IUVSTA EBARA Award recognizes an excellent young researcher or engineer to support innovation in environmentally friendly solutions in the area of vacuum-related science and technologies.



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## IUVSTA EBARA Award

2022.01.12



EBARA CORPORATION (EBARA) will present the IUVSTA-Ebara Award at [the 22ND International Vacuum Congress \(IVC\)](#) that takes place in Sapporo, September, 2022.

### 1. Background

[International Union for Vacuum Science, Technology and Applications](#) (IUVSTA) was established in Namur, Belgium in 1958. As a Union of national member societies whose role is to stimulate international collaboration in the fields of vacuum science, techniques and applications and related multi-disciplinary topics including solid-vacuum and other interfaces, it supports to organize international conferences.

### 2. Outline

Sponsoring IUVSTA, EBARA established the IUVSTA EBARA Award in 2019. The award recognizes young researchers or engineers who are engaged in R&D of the vacuum-related area to make contributions with environmentally-friendly solutions. It will be the 2<sup>nd</sup> time to present the Award at IVC, which takes place every 3 years.

#### IUVSTA EBARA Award

Applicant requirements: PhD degree completed within 10 years

Deadline: February 28, 2022

Details: <https://iuvsta.org/iuvsta-ebara-award/>

### 3. Future plan

The EBARA Group will contribute to the development of technology in vacuum area, while fostering researchers and engineers in the next generation.

The EBARA Group aims to contribute to the achievement of the Sustainable Development Goals (SDGs) by addressing material issues identified in its long-term vision and executing the medium-term management plan to increase corporate value.

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# EBARA Award

- 10 May 2021 Email Sekiguchi to Anouk
- 24 May 2021 Email Sekiguchi to Anouk
- 25 May 2021 Email Anouk to Martin
- 27 May 2021 Reply Anouk to Sekiguchi
- 2 June 2021 Clarifications by Sekiguchi
  - Need to prepare posters and award text
  - Announcement ca Sept. 2021
  - Deadline ca. March 2022 depending on ECM-136
- 19 Sept 2021 Poster drafts
- 26 Oct 2021 Logo change requested by EBARA
- 6 Nov 2021 new banners available
- 19 Nov 2021 IUVESTA News Flash No. 30 issued
- 25 Nov 2021 Tweet and Linked-in posts live
- 28 Feb 2022 Deadline for application (postponed to March 31, and then to April 30)
- 24 Mar 2022 1 eligible submission, 1 non-eligible



# 2021-11-22 Email Sekiguchi

## The donation of EBARA are:

1. Donation to IUVSTA for print advertising in the IUVSTA book, printed for the anniversary of IUVSTA: 3000 €.
  2. Prize donation for the winner: 3000 +615 € (Award + registration at IVC21 conference).
  3. Call for nomination + advertising which goes along with nomination : 3000 € all together
- 2022-03-07 Invoice sent



# IUVSTA EBARA Award Committee

Name	Function	Country	Sex	Division	Organization
✓ <b>Sylvie Bourgeois</b> sbourg@u-bourgogne.fr	Chair	France	Female	SS	University
✓ <b>Shinichi Sekiguchi</b> 関口信一' <sekiguchi.shinichi@ebar.com>	Award sponsor representative	Japan	Male		Industry
✓ <b>Julia Scherschligt</b> julia.scherschligt@nist.gov	Member	USA	Female	VTD	Nat Inst
✓ <b>Pedro Nascente</b> nascente@ufscar.br	Member	Brazil	Male	SED	University
✓ <b>Jörg Patscheider</b> Joerg.patscheider@evatecnet.com	Member	Switzerland	Male	TF	Industry



