

Minutes**Awards & Scholarship Committee Meeting ECM-130**

Hotel Malmö Live

Malmö, Sweden

Saturday, June 29, 2019 at 9:00-0945

Attendance

The attendance sheet is listed in Appendix A.

Agenda and Minutes

The agenda and the minutes of the Regensburg committee meeting (ECM-129) were available on the IUVSTA website.

The agenda was approved.

The minutes of the ASC meeting of ECM-129 in Regensburg, Germany, as they are on the website were approved.

IUVSTA Prize for Science

The IUVSTA Prize for Science is awarded to recognize and encourage outstanding internationally-acclaimed research in the fields of interest to IUVSTA. It consists of a EUR 3000 cash award, a struck medal and a certificate as well as travel expenses to attend IVC. Registration fee is waived by the IVC organizers.

The IUVSTA Prize for Science 2019 goes to David Phillip Woodruff, Professor Emeritus, Department of Physics, University of Warwick, United Kingdom for "Outstanding contributions to deepening our understanding of the structure of surface through the development and application of broadly applicable tools now widely available to the surface science community".

The Prize will be awarded as part of the Opening Session at IVC-21 on Monday, July 1, 2019, 09:00-09:45 followed by a Prize Lecture "Determining surface structure: why and how?" at 11:00-11:45 in Auditorium High Live 1.

IUVSTA Prizes for Technology

The 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. It consists of a EUR 3000 cash award, a struck medal and a certificate as well as travel expenses to attend IVC. Registration fee is waived by the IVC organizers.

The IUVSTA Prize for Technology goes to Research (Emeritus) Professor Reshef Tenne, Department of Materials and Interfaces, Faculty of Chemistry, Weizmann Institute of Science, Rehovot, Israel, "For the discovery, synthesis, and characterization, of novel closed inorganic nanostructures, and enabling their implementation in tribological and mechanical technologies."

Due to previous travel commitments by the awardee the Prize will be awarded just before his scheduled Prize lecture on "2D materials: Inorganic nanotubes and fullerene-like nanoparticles at the crossroad between materials science and nanotechnology and their applications" on Wednesday, July 3, 2019, 09:45-10:30 in Auditorium High Live 1.

IUVSTA EBARA Award

The award recognizes an excellent young researcher or engineer to support innovation in environmentally friendly solutions in the area of vacuum-related science and technologies. It consists of a cash award of EUR 3000 paid by EBARA and transferred to IUVSTA. EBARA paid the registration fee (EUR 650) to IUVSTA. IUVSTA paid the awardee EUR 3650 in total. IUVSTA is paying the flight expenses. Award sculpture provided by EBARA.

The first IUVSTA EBARA Award winner is Waqaas Hassan Tanveer, Research Associate at Heriot Watt University, Edinburgh, UK.

He will get his award on Monday, July 1, 2019 during the IUVSTA EBARA Award ceremony 15:30-16:00 within the IUVSTA Anniversary Session. The award ceremony is followed by the Prize Lecture on "The key role vacuum-based technologies are playing to improve efficiencies".

Welch Scholarship

IUVSTA respectively the AVS account received USD 7500 from Beth Howard (sister) on 26 March 2019 and also USD 7500 from Kenneth Bro (brother) and his wife at the of May 2019.

There were 6 applications received from France, Sweden, China, Spain (2x) and Italy. The receiving institutions are in UK, Germany, Singapore, Italy, Spain, and France. Three applicants were rated very closely. Just before the ECM-130 Dr. Clio Azina was selected as the 2019 UVSTA Welch Scholarship winner. Dr. Azina is presently at Linköping University in Sweden and plans to go the RWTH Aachen in Germany to study V2AIC MAX. phase coatings on Zr substrates.

Some IUVESTA Welch Committee Members should be renewed. It would be desirable to increase the number of women on this committee. The term of Hongjun Go is expiring and the intent is to replace him with a woman from Asia. Four women have been proposed, but they had not the right provenance. The request to the ASC is to propose eligible Asian women until the next ECM in France.

IUVESTA Elsevier Award

The IUVESTA Elsevier Student Travel Award IVC-21 Awardees are:

Name	E-Mail	Organization	City
Ana Barragán	anabd89@hotmail.com	University of the Basque Country UPV/EHU	Donostia-San Sebastián
Andi Rabia	andi.rabia@polimi.it	Politecnico di Milano	Milano
Jiayi Zhang	908683372@qq.com	Central South University	Changsha
Anastasiia Fadeeva	nastya-fad@mail.ru	Omsk State Technical University	Omsk
Alexandros Tsimpoukis	atsimpoukis@uth.gr	University of Thessaly	Larissa
Kathrina Lois Taaca	kmtaaca@up.edu.ph	University of the Philippines-Diliman	Quezon City
Nikos Vasileiadis	nikovasi@mie.uth.gr	University of Thessaly	Volos
Mmapula Baloi	698479@students.wits.ac.za	University of the Witwatersrand	Johannesburg
Pornsawan Sikam	pornsawan.s@kkumail.com	KHON KAEN UNIVERSITY	Khon Kaen
Reza Kazemi	reza.pixy@gmail.com	Shiraz University	Shiraz

A new Memorandum of Understanding with Elsevier covering the next triennium will be signed on Monday, July 1, 2019. Students do not need to be from developing countries any longer, but gender equality should be strived for. The conferences supported are

- 2020: ICTF-18 (Budapest, Hungary) and VASSCAA-10 (Shanghai, China), 2000 € each
- 2021: EVC-16 (Marseille, France) and ECOSS-36, 2000 € each
- 2022: IVC-22 (Sapporo, Japan), €4000

Any Other Business

There was no other business to discuss.

Appendix A

List of Participants Awards & Scholarship Committee Meeting ECM-130

Attendance List ASC - 130 Milano

Name, country, email, status

Timo Gaus. UK
 Haiming Guo. China
 Zhenchao Dong China
 Pär Omling Sweden
 Yongmin Kim Korea
 Sylvain Bourgeois France
 EMMANUEL HARO PSNIATOWSKI MEXICO
 R. LETTICH AUSTRIA
 J. Patscheider Switzerland
 Li Bergner Germany
 ANJ VINCIC Slovakia
 Gao-Yu Hsiung Taiwan
 Anton Steuffler Aus
 Yasunori Tanimoto Japan
 Fumio Komori Japan
 Lars Houtelius Sweden
 Amouk Galtayries France
 DEBORAH O'CONNELL UK
 MIRAN MOZETIC SLOVENIA
 Katsuyuki Fukutami Japan
 Stanislav Novak Czech Rep.
 C. ISENHARTER-SIENGA AUSTRALIA
 MARIANO AUDELE I mariano.audete@gmail.com
 Jay Hendricks USA, jayh@nist.gov, member
 David Ruzic USA,
 Miguel Mayo SPAIN, BID
 Keszek Dambrowski POLAND
 F. Reniers Treasurer

Marcelo Juni Ferreira	BRAZIL
Pedro Nascente	Brazil
Carlos Tavares	Portugal
Ray Hua Horng	Taiwan
Hsiang-Chen Yang	Taiwan
Martin Wuest	Schweiz