

## **Minutes**

### **Awards & Scholarship Committee Meeting ECM-125**

Rogla, Slovenia, March 11, 2017

#### **Attendance**

The meeting was opened at 0900 and closed 0950.

The attendance sheet is listed in Appendix A.

11 out of the 16 ASC members were attending together with 19 observers, for a total of 30 attendees.

After the session, Slobodan Milosevic, Andrej Vincze became members of ASC

#### **Agenda and Minutes**

The agenda was sent out by email on February 13, 2017 with an updated version sent on March 7, 2017. The agenda was approved.

The minutes of the ASC meeting of ECM-123 in Gyeongju, Kora as they are on the website were approved.

#### **Welch Scholarship**

The history and status of the Welch Scholarship was presented (See appendix B). At the end of the meeting David Ruzic got an email from Kenneth Bro, the grandson of Medard W. Welch that he intends to fund the scholarship. Details still need to be negotiated.

#### **IUVSTA-Elsevier Award**

The recipient organizations for the IUVSTA Elsevier Award have all been informed about the amount they will receive (see Table 1).

Table 1. IUVSTA Elsevier Award Distribution

Conference	Dates	Location	EUR
ECOSS 33	27 Aug – 1 Sep 2017	Szeged, Hungary	2000
ICTF-17	13-17 Nov 2017	New Delhi, India	2000
EVC-15	17-22 June 2018	Geneva, Switzerland	2000
VASSCAA	12-16 July 2018	Cronulla, Australia	2000
IVC-21&ECOSS 34	1-5 July 2019	Malmö, Sweden	4000
			-----
		<b>Total</b>	<b>12000</b>

### IUVSTA Prizes

Minor changes to the Welch Scholarship procedures and IUVSTA prizes procedures to better reflect the current state of procedures for these awards were suggested. Change of responsibility for the IUVSTA prizes will be solely carried out within the *Awards and Scholarships* committee. Details see in Appendix B.

Brief discussion occurred on the topic raised by Anouk Galtayries on how to attract more nomination for the IUVSTA prizes.

### Other Business

There was no other business discussed, also due to the fact that the meeting time slot was exceeded.

Martin Wüest

Chair ASC

## **Appendix A**

List of Attendees of the ASC Committee Meeting in Rogla, on March 11, 2017

**Attendance List  
Awards and Scholarship Committee  
ECM-125 Rogla, Slovenia, March 11, 2017**

Nation	Name	Email	Institution	Member ASC	Signature
Switzerland	Martin Wuest	<a href="mailto:Martin.Wuest@inficon.com">Martin.Wuest@inficon.com</a>	INFICON	Chair	
Great Britain	Timo Gans	<a href="mailto:timo.gans@york.ac.uk">timo.gans@york.ac.uk</a>		Vice Chair	
Sweden	Lara Montelius	<a href="mailto:lars.montelius@ff.lth.se">lars.montelius@ff.lth.se</a>		Ex Officio	
Australia	Anton Stampfl	<a href="mailto:aps@ansto.gov.au">aps@ansto.gov.au</a>	ANSTO	X	
Austria	Christoph Eisenmenger-Sittner	<a href="mailto:christoph.eisenmenger@ifo.tuwien.ac.at">christoph.eisenmenger@ifo.tuwien.ac.at</a>	TU Wien	X	
Belgium	Francois Reniers	<a href="mailto:reniers@ulb.ac.be">reniers@ulb.ac.be</a>		X	
Brazil	Pedro A. P. Nascente	<a href="mailto:nascente@ufscar.br">nascente@ufscar.br</a>		X	
France	Anouk Galtayries	<a href="mailto:anouk.galtayries@chimie-paristech.fr">anouk.galtayries@chimie-paristech.fr</a>		X	AG
France	Maria Carmen Asensio	<a href="mailto:asensio@synchrotron-soleil.fr">asensio@synchrotron-soleil.fr</a>	SOLEIL	X	
Germany	Frank Richter	<a href="mailto:f.richter@physik.tu-chemnitz.de">f.richter@physik.tu-chemnitz.de</a>		X	excused
Italy	Mariano Anderle	<a href="mailto:mariano.anderle@provincia.tn.it">mariano.anderle@provincia.tn.it</a>		X	
Israel	Sidney Cohen	<a href="mailto:sidney.cohen@weizmann.ac.il">sidney.cohen@weizmann.ac.il</a>		X	excused
Slovenia	Janez Kovac	<a href="mailto:janez.kovac@ijs.si">janez.kovac@ijs.si</a>	I.J.S.	X	
Spain	J. A. Marti-Gago	<a href="mailto:gago@icmm.csic.es">gago@icmm.csic.es</a>		X	
USA	Jay Hendricks	<a href="mailto:jay.hendricks@nist.gov">jay.hendricks@nist.gov</a>	NIST	X	
USA	David Ruzic	<a href="mailto:druzic@illinois.edu">druzic@illinois.edu</a>	UIUC	X	
A	M. LERCH			obs.	
SK	A. VINCZE		ILC	obs.	
Japan	K. Fukutani			obs.	
CROATIA	S. MLOSTEC	<a href="mailto:slobo@andrijs.hr">slobo@andrijs.hr</a>		obs.	
Korea	Gyeon Yong Yeom	<a href="mailto:gyeyom@SKKU.edu">gyeyom@SKKU.edu</a>	SKKU	obs.	
	ULF KARLSSON				
Brazil	Marcelo J. Favre	<a href="mailto:marcelo.favre@esss.br">marcelo.favre@esss.br</a>	ESS	obs.	
Portug	Ana G. Silva	<a href="mailto:agc@fct.unl.pt">agc@fct.unl.pt</a>		obs.	
UK	D. O'Connell		UoY	Obs.	
Swe	P. Omling	<a href="mailto:Par.Omling@ff.lth.se">Par.Omling@ff.lth.se</a>	LV	"	
E	M. G. M. M. M.	<a href="mailto:mguel.maus@uam.es">mguel.maus@uam.es</a>	UAM	"	
MEXICO	EMMANUEL HARSZKOWSKI	<a href="mailto:hars@xanum.uam.mx">hars@xanum.uam.mx</a>	SI-MOSV	"	
CZ	S. NOVAK	<a href="mailto:stanislav.novak@ujep.cz">stanislav.novak@ujep.cz</a>	UJEP	obs.	
SLO					
HU	A. BERKO	<a href="mailto:aberko@chem.u-szeged.hu">aberko@chem.u-szeged.hu</a>	MTA-SZTE	obs.	
FR	S. Bourgeois	<a href="mailto:sbourgeu-bourgeois@cnrs.fr">sbourgeu-bourgeois@cnrs.fr</a>	CNRS	obs.	
FR	D. VERNIERE	<a href="mailto:daniel.verniere@orange.fr">daniel.verniere@orange.fr</a>		obs.	
DE	Zahn	<a href="mailto:Zahn@physik.tu-chemnitz.de">Zahn@physik.tu-chemnitz.de</a>	TU C	obs.	

DE U. Bergner [u.bergner@vacom.de](mailto:u.bergner@vacom.de) obs.

SLO M. Mozek [mozek@ijs.si](mailto:mozek@ijs.si) ILS

## **Appendix B**

PowerPoint slides presented during the Awards and Scholarship session on March 11, 2017



# Awards and Scholarship Committee

Martin Wüest  
Chair

Rogla  
March 11, 2017

# Agenda

1. Opening
2. Attendance
3. Adoption of Agenda
4. Minutes of ASC meeting during ECM-123 in Gyeongju, Korea
5. Welch Scholarship
6. IUVESTA-Elsevier Students Award
7. IUVESTA Prize Procedures
8. Working Group on Awards Restructuring
9. Changes to IUVESTA Procedures Manual
10. Any Other Business
11. Closing Remarks
12. Adjourn

# ASC Members Triennium 2016-2019

	Nation	Name	Email
Chair	Switzerland	Martin Wüest	<a href="mailto:Martin.Wuest@inficon.com">Martin.Wuest@inficon.com</a>
Vice Chair	Great Britain	Timo Gans	<a href="mailto:timo.gans@york.ac.uk">timo.gans@york.ac.uk</a>
Ex Officio	Sweden	Lars Montelius	<a href="mailto:lars.montelius@ftf.lth.se">lars.montelius@ftf.lth.se</a>
			-
	Australia	Anton Stampfl	<a href="mailto:aps@ansto.gov.au">aps@ansto.gov.au</a>
	Austria	Christoph Eisenmenger-Sittner	<a href="mailto:christoph.eisenmenger@ifp.tuwien.ac.at">christoph.eisenmenger@ifp.tuwien.ac.at</a>
	Belgium	Francois Reniers	<a href="mailto:freniers@ulb.ac.be">freniers@ulb.ac.be</a>
	Brazil	Pedro A. P. Nascente	<a href="mailto:nascente@ufscar.br">nascente@ufscar.br</a>
	France	Anouk Galtayries	<a href="mailto:anouk.galtayries@chimie-paristech.fr">anouk.galtayries@chimie-paristech.fr</a>
	France	Maria Carmen Asensio	<a href="mailto:asensio@synchrotron-soleil.fr">asensio@synchrotron-soleil.fr</a>
	Germany	Frank Richter	<a href="mailto:f.richter@physik.tu-chemnitz.de">f.richter@physik.tu-chemnitz.de</a>
	Italy	Mariano Anderle	<a href="mailto:mariano.anderle@provincia.tn.it">mariano.anderle@provincia.tn.it</a>
	Israel	Sidney Cohen	<a href="mailto:sidney.cohen@weizmann.ac.il">sidney.cohen@weizmann.ac.il</a>
	Slovenia	Janez Kovac	<a href="mailto:janez.kovac@ijs.si">janez.kovac@ijs.si</a>
	Spain	J. A. Martí-Gago	<a href="mailto:gago@icmm.csic.es">gago@icmm.csic.es</a>
	USA	Jay Hendricks	<a href="mailto:jay.hendricks@nist.gov">jay.hendricks@nist.gov</a>
	USA	David Ruzic	<a href="mailto:druzic@illinois.edu">druzic@illinois.edu</a>

# Minutes of ECM-123 in Gyeongju, Korea in Brief

- Minutes ECM-122 Braga approved
- Welch Scholarship: Kenneth Bro intends to partly fund the scholarship
- IUVESTA-Elsevier Award contract
- IUVESTA prize medals

# Medard W. Welch International Scholarship Award



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

# Welch Scholarship

Aim	Frequency	Amount	Funding	Eligibility	Comments
Support a young postgraduate scientist for working for one year in a country in which he/she has not previously studied.	Every year	USD 15'000	Mrs. Bro Welch USD 12000/yr + USD 3000 from Welch account of IUVESTA	Postgraduate Scientist	On hold since 2013 after death of Mrs. Bro. Entries are for last award announcement.

Established 1965

First scholar awarded in 1968

34 Awardees from 1969-2013

Award amount of 15 kUSD was paid in 3 installments of \$7500, \$7000 and \$500

# Medard W. Welch International Scholarship Award

- Established 1965
- First scholar awarded in 1968
- Funded annually by Mrs. P. Bro, heir to Welch (12 kUSD).
- The donation was supplemented by IUVSTA for with 3 kUSD for a total award amount of 15 kUSD
  
- Message from the lawyers of the Welch family: Make an endowment instead of a yearly donation (300 kUSD?)
  
- Mrs. Bro died in 2013. Donation stopped
  
- Estate in litigation and no money was transferred. IUVSTA suspended the Award
  
- No award given since 2013

# Welch Award Discussions in 2012

- In 2012 there was discussion with the Welch trustees, the Welch administrator and F. Richter (ASC Vice-Chair 2010-2013)
- Increase award to 24 kUSD to cover expenses without additional support in order to attract many good applicants.
- Award it biannually.

# Latest Developments (Aug 2016)

- Not all heirs in favor to continue the Welch Scholarship.
- Kenneth Bro, grandson of Medard W. Welch wrote in an Email on Aug 8, 2016 to David Ruzic that he intends to fund the scholarship in part from his own charity giving. But not before 2017 when his inheritance has generated first income.

# Medard W. Welch International Scholarship Award

- Administrator  
Dr. F.R. Shepherd,  
8 Ascot Ave.,  
Ottawa, Ontario K2H 6E4, Canada  
e-mail: [frank\\_shepherd@avs.org](mailto:frank_shepherd@avs.org)
- Administered through AVS (Peter Burke,  
treasurer)

# Welch Trustees

IUVSTA Procedures Manual 2016 Edition, p 108:

## 5. Constitution of the Welch Scholarship Trustees

1. Dr. M. W. Welch was Honorary Chairman of the Welch Scholarship Trustees during his lifetime.
2. His daughter Mrs. P. Bro and her husband Mr. K. Bro are honorary members of the Welch Scholarship Trustees.
3. The Trustees comprise **six other members**:
4. The **Chairman of the Scientific and Technical Directorate of the IUVSTA, who is ex officio chairman of the Welch Trustees; the treasurer of the IUVSTA, who may delegate operational authority; four shall be to evaluate the scholarship applicants.**
5. The four elected members of the Welch Trustees shall be elected by the Executive Council of the IUVSTA. Any member of the Executive Council shall be entitled to make nominations; the Chairman of the Scientific and Technical Directorate shall in any case propose candidates to the number of vacancies to be filled. In the election of members of the Welch Trustees, the Executive Council should have in mind the importance of ensuring, so far as is practicable, equal representation from industry, from research institutes and from universities. Candidates shall be considered purely on the basis of their scientific qualifications, independently of any connection with the IUVSTA. The elected members shall be of different nationalities and, so far as possible, should be expert in different fields of science and technology.

In reality The Administrator worked only with the 4 elected trustees

# Welch Trustees

- Ugo Valbusa stepped down
- Lack of nomination in 2012
- Dr. Jin-Hyo Boo from Korea nominated as new trustee for the period 2013-2016
- Extension for 1 year for the three current trustees (Monika Jenko, Ivan Petrov and Lars Montelius)
- Approved at ECM-114 (Bratislava)
- Further Trustees are Chairman STED and the IUVSTA Treasurer

The new trustees are nonnominated at the Spring ECM (typically in March or so) and are active for the first time in the decision of the same year.

2005				Exharos
2006	Dong			Exharos
2007	Dong	Setina		Exharos
2008	Dong	Setina	Valbusa	Exharos
2009	Dong	Setina	Valbusa	Petrov
2010	Montelius	Setina	Valbusa	Petrov
2011	Montelius	Jenko	Valbusa	Petrov
2012	Montelius	Jenko	(not found)	Petrov
2013	Montelius	Jenko		
2014		Jenko		

2009	Dong	Setina	Valbusa	Petrov
2010	Montelius	Setina	Valbusa	Petrov
2011	Montelius	Jenko	Valbusa	Petrov
2012	Montelius	Jenko	(not found)	Petrov
2013	Montelius	Jenko	Boo	<b>Petrov</b>
2014	<b>Montelius</b>	Jenko	Boo	(new)
2015	(new)	<b>Jenko</b>	Boo	
2016		(new)	Boo	
2017			(new)	
2018				
2019				
2020				

# Welch Award Financial

- 3.8 kUSD should be transferred from AVS to IUVSTA
- Then role of Peter Burke no longer needed.



# IUVSTA-Elsevier Student Travel Award

			EUR
• ECOSS 33	27 Aug – 1 Sep 2017	Szeged, Hungary	2000
• ICTF-17	13-17 Nov 2017	New Delhi, India	2000
• EVC-15	17-22 June 2018	Geneva, Switzerland	2000
• VASSCAA	2018	Cronulla, Australia	2000
• IVC-21&ECOSS 34	1-5 July 2019	Malmö, Sweden	4000
			-----
			12000

All organizers have been informed about the award

Announcement published on web for ECOSS 33 and ICTF-17



# IUVSTA Prize Procedure

# IUVSTA Prizes



## The IUVSTA Prize in Science 2016

is awarded to

*Professor Jean-Marie Dubois*

for his outstanding contributions to the field of metallic glasses, quasicrystals and complex metallic alloys, in both fundamental and applied research aspects.

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Dr. Mariano Anderle, IUVSTA President

The purpose of the Prize is to recognize and encourage internationally acclaimed research in the fields of interest to the International Union of Vacuum Science, Technique and Applications.

The nominee must have accomplished outstanding experimental and/or theoretical research in vacuum science, technique or applications in the 10 years preceding the year in which the award is made.



# Eligibility

- The nominee must have accomplished outstanding experimental and/or theoretical research in vacuum science, technique or its applications **within the ten years preceding the year in which the award is made**. Special consideration will be given to nominees currently engaged in an active career of research.
- Neither nominees nor nominators are required to be members of IUVSTA member societies.
- The award will normally be given to an individual; however, in exceptional cases involving team research, multiple awards may be given. The prize will be granted without further restriction except that current officers and members of the Executive Council and Standing Committees, as well as Division Officers, are not eligible.



# 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



# IUVSTA Prize Procedure

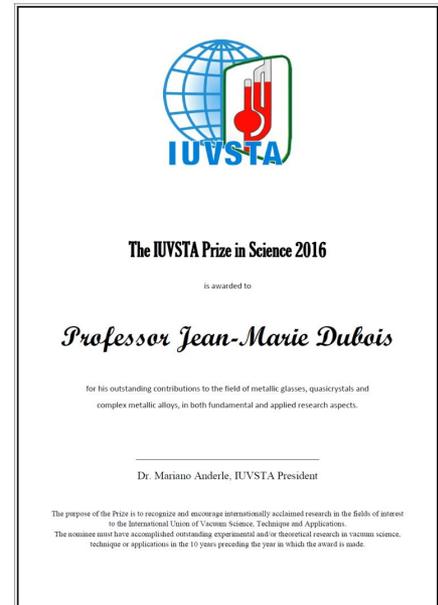
- Send application package to Chair ASC (*End of January*)
- Review by ASC committee
  - Except those with conflict of interest
    - From country of nominee
    - collaborators
- Selection by consensus
- Announcement (*May*)
- Conflict with:
  - Judges for the Prize will be a committee appointed by the IUVSTA President and chaired by the IUVSTA Scientific and Technical Director.

After discussion during its meeting in Braga (ECM-122) the ASC decided to modify the procedure for IUVSTA Prizes in order to clear up contradictions in the current IUVSTA Procedures Manual.

In future ASC shall be responsible for the whole process. Modified rules for the IUVSTA Procedures Manual have been meanwhile submitted to the IUVSTA Secretary General.

# Nature of the IUVSTA Prize

- The Prize consists of a
  - cash award (EUR3000) ,
  - a struck medal and
  - a certificate setting forth the reasons for the award.
- Reasonable travel expenses of the awardee to the meeting at which the Prize is presented shall be agreed upon and reimbursed.





# Donors

- Endowment for the Prizes is provided by generous donations from
  - ANELVA; Balzers;
  - Funai Electric; Intevac; Leybold Holding AG; OMICRON Vakuumphysik GmbH; Omicron;
  - Osaka Vacuum; Physical Electronics, ULVAC;
  - SAES Getters; TAV;
  - Vakuumphysik GmbH; Varian Associates; VAT;
  - Kratos Analytical and IOP Publishing

# Responsibilities of the Awards & Scholarship Committee

## Changes to IUVSTA Procedures Manual 2016 Edition, p. 34:

### Actual

1. To select Trustees for the Welch Scholarship
2. To oversee the administration of the Welch Scholarship
3. To solicit nominations for and select winners of the IUVSTA Prizes
4. To liaise with the organisers of the IVC for the presentation of the IUVSTA Prizes at the IVC and plenary lectures by the prizewinners.
5. To propose the conferences to receive Elsevier Student Awards
6. To oversee the World Transfer Program

### Proposed

1. To take care of the Welch Scholarship
2. To solicit nominations for and select winners of the IUVSTA Prizes
3. To liaise with the organisers of the IVC in order to make sure the IUVSTA Prizes are properly presented at the IVC and plenary lectures be assigned to the prize winners.
4. To liaise with Elsevier in order to prepare a draft MoU for the Elsevier Students Awards of the next triennium well before the IVC and to propose the conferences to receive Elsevier Students Awards

# IUVSTA Science Prize

## Changes to IUVSTA Procedures Manual 2016 Edition, p. 101:

### Existing

#### The IUVSTA Prize for Science

##### **Purpose**

To recognize and encourage outstanding internationally-acclaimed experimental and/or theoretical research in the fields of interest to the International Union for Vacuum Science, Technique and Applications (IUVSTA).

##### **Eligibility**

The nominee must have accomplished outstanding experimental and/or theoretical research in vacuum science, technique or its applications within the ten years preceding the year in which the award is made. Special consideration will be given to nominees currently engaged in an active career of research.

Neither nominees nor nominators are required to be members of IUVSTA member societies. The award will normally be given to an individual; however, in exceptional cases involving team research, multiple awards may be given. The prize will be granted without further restriction except that current officers and members of the Executive Council and Standing Committees, as well as Division Officers, are not eligible.

Judges for the Prize will be a committee appointed by the IUVSTA President and chaired by the IUVSTA Scientific and Technical Director. The decision of this panel is final.

##### **Nature of the Prize**

The Prize consists of a cash award, a struck medal and a certificate setting forth the reasons for the award. The Prize will be conferred at intervals of not less than three years. Reasonable travel expenses of the awardee to the meeting at which the Prize is presented shall be agreed upon and reimbursed.

##### **Donors**

Endowment for the Prizes is provided by generous donations from ANELVA; Balzers; Funai Electric; Intevac; Leybold Holding AG; OMICRON Vakuumphysik GmbH; Omicron; Osaka Vacuum; Physical Electronics, ULVAC; SAES Getters; TAV; Vakuumphysik GmbH; Varian Associates; VAT; Kratos Analytical and IOP Publishing.

### Addition

#### **Review procedure**

The whole process from announcement to the award ceremony is directed by the Awards and Scholarships Committee (ASC) and its chair.

The most important tasks are:

- a) to solicit nominations, looking through the submissions, taking care for their completeness,
- b) to form the juries, preferably from the members of the ASC. Possible conflicts of interests have to be carefully avoided.
- c) to organise the work of the juries, including the distribution of the complete submitted material via e-mail. The ASC chairman has to verify that the submitted printed material and the electronic versions are identical. The prize winners are determined by the juries after careful discussion by e-mail voting. The decision of this panel is final.
- d) taking care of the fabrication of medallions and diplomas.
- e) to liaise with the organisers of the IVC in order to make sure the IUVSTA Prizes are properly presented at the IVC and plenary lectures be assigned to the prizewinners.
- f) after the prize ceremony the electronic documents about the submission and decision procedure are given to the IUVSTA archive. The printed material has to be shredded by the ASC chairman.

# IUVSTA Technology Prize

## Changes to IUVSTA Procedures Manual 2016 Edition, p. 104:

### Existing

#### The IUVSTA Prize for Technology

##### **Purpose**

To recognize and encourage outstanding internationally-acclaimed experimental and/or theoretical research in the fields of interest to the International Union for Vacuum Science, Technique and Applications (IUVSTA).

##### **Eligibility**

The nominee must have accomplished outstanding experimental and/or theoretical research in vacuum science, technique or its applications within the ten years preceding the year in which the award is made. Special consideration will be given to nominees currently engaged in an active career of research.

Neither nominees nor nominators are required to be members of IUVSTA member societies. The award will normally be given to an individual; however, in exceptional cases involving team research, multiple awards may be given. The prize will be granted without further restriction except that current officers and members of the Executive Council and Standing Committees, as well as Division Officers, are not eligible.

Judges for the Prize will be a committee appointed by the IUVSTA President and chaired by the IUVSTA Scientific and Technical Director. The decision of this panel is final.

##### **Nature of the Prize**

The Prize consists of a cash award, a struck medal and a certificate setting forth the reasons for the award. The Prize will be conferred at intervals of not less than three years. Reasonable travel expenses of the awardee to the meeting at which the Prize is presented shall be agreed upon and reimbursed.

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Endowment for the Prizes is provided by generous donations from ANELVA; Balzers; Funai Electric; Intevac; Leybold Holding AG; OMICRON Vakuumphysik GmbH; Omicron; Osaka Vacuum; Physical Electronics, ULVAC; SAES Getters; TAV; Vakuumphysik GmbH; Varian Associates; VAT; Kratos Analytical and IOP Publishing.

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- c) to organise the work of the juries, including the distribution of the complete submitted material via e-mail. The ASC chairman has to verify that the submitted printed material and the electronic versions are identical. The prize winners are determined by the juries after careful discussion by e-mail voting. The decision of this panel is final.
- d) taking care of the fabrication of medallions and diplomas.
- e) to liaise with the organisers of the IVC in order to make sure the IUVSTA Prizes are properly presented at the IVC and plenary lectures be assigned to the prizewinners.
- f) after the prize ceremony the electronic documents about the submission and decision procedure are given to the IUVSTA archive. The printed material has to be shredded by the ASC chairman.





# IUVSTA Prize for Technology

1998	J. F. van der Veen	Univ Amsterdam	NL	Surface and interface structure
2001	Wolf-Dieter Münz	Sheffield Hallam University	UK	Surface Engineering a
2004	Martin P. Seah	NPL	UK	surface chemical analysis
2007	Cedric J. Powell	NIST	USA	surface analysis
2010	Seizo Morita	Osaka Univ	JP	AFM
2013	John T. Grant	Univ of Dayton	USA	Auger/XPS
2016	Taeghwan Hyeon	Seoul Nat Univ	KR	uniform nano particle



# IUVSTA Prize for Science

2001	Kunio Takayanagi	Tokyo Institute of Technology	JP	surface EM& diffraction
2004	Joost W. M. Frenken	Leiden Univ	NL	SPM
2007	Albert L. Fert	Univ Paris Sud	F	GMR
2010	Peter B Barna	HAS	HU	Thin film
2013	Lars Samuelson	Lund	S	Nano growth
2016	Jean-Marie Dubois	Inst Jean Lamour/CNRS	F	quasicrystals



# IUVSTA Prize Statistics

	<b>Technol</b>	<b>Sci</b>	<b>Total</b>
NL	1	2	3
UK	2		2
JP	1	1	2
USA	2		2
KR	1		1
F		2	2
S		1	1
HU		1	1

# Working Group on Awards Restructuring

- Lars Montelius (IUVSTA President)
- Frank Richter (Chair ASC 2013-2016)
- Martin Wüest (Chair ASC 2016-2019)
- Christoph Eisenreich-Sittner (Secretary General, IUVSTA)

# Present IUVSTA Awards and Prizes

Award	Aim	Frequency	Amount	Funding	Eligibility	Comments
IUVSTA Prize for Science	Recognize and encourage outstanding internationally-acclaimed research in the fields of interest to the IUVSTA.	Every 3 years	EUR 5000 + struck medal + certificate + travel expenses	Previous Donations from companies	Within 10 years preceding the year in which award is made	
IUVSTA Prize for Technology	Recognize and encourage outstanding internationally-acclaimed achievements in technology and instrumentation in the fields of interest to the IUVSTA.	Every 3 years	EUR 5000 + struck medal + certificate + travel expenses	Previous Donations from companies	Within 10 years preceding the year in which award is made	
Welch Scholarship	Support a young postgraduate scientist for working for one year in a country in which he/she has not previously studied.	Every year	USD 15000	Mrs. Bro Welch USD 12000/yr + USD 3000 from Welch account of IUVSTA	Postgraduate Scientist	On hold since 2013 after death of Mrs. Bro. Entries are for last award announcement.
World Transfer Programme	Travel grant to work 3-12 months at another laboratory in another country	Every year	EUR 3500	IUVSTA budget EUR 10000/3 yr	Post-doctoral scientist	Discontinued in 2014
IUVSTA-Elsevier Student Award	Partial financial support to attend IUVSTA meetings and conferences at which they are presenting a paper.	Yearly, selected conferences only	Depending on conference organizers (typ. EUR 500)	Elsevier grant EUR 10500 /3 yr	Postgraduate research student within 7 years of obtaining first degree. Reside and study in a developing country. Limited support to attend the meeting	

# Present Array of Awards

	Undergraduate	Graduate	Post-doc	Established
<b>Prize</b>				IUVSTA Prizes Sci. & Technol.
<b>Subsistence</b>			Welch (On hold)	
<b>Semester abroad</b>			WTP (Discontinued)	
<b>Conference Travel</b>			Elsevier (3 <sup>rd</sup> World)	

# Reasoning

- It is unnecessary for IUVSTA to try to offer awards already present in our “educational and funding agencies systems”
- Instead: Prizes for recognition
  - Ambition is to make it of high reputation
- Make prizes with societal relevance
- Make IUVSTA better known

# IUVSTA Elsevier Student Award

- Difficulty to get 3<sup>rd</sup> World Country Students
- Need to adjust rules
- Maybe increase award size?

# Welch Award

- One of many Young Scientists Mobility Award
- Expensive >40 kUSD/year
- We should not wait for the Estate
- We should either increase the amount that a graduate student can live of it and do research for a year or eliminate it.

Any Other Business