



Awards and Scholarship Committee

Martin Wüest
Chair

ECM-128, Sydney
August 11, 2018

Agenda

1. Opening
2. Attendance
3. Adoption of Agenda
4. Minutes of ASC meeting during ECM-127 in Lapu-Lapu, Philippines
5. Welch Scholarship
6. IUVESTA-Elsevier Students Award
7. IUVESTA Prize Procedures
8. IUVESTA-Ebarra Young Scientist Award
9. Working Group on Awards Restructuring
10. Any Other Business
11. Closing Remarks
12. Adjourn

Minutes of ECM-127 in Lapu-Lapu, Philippines in Brief

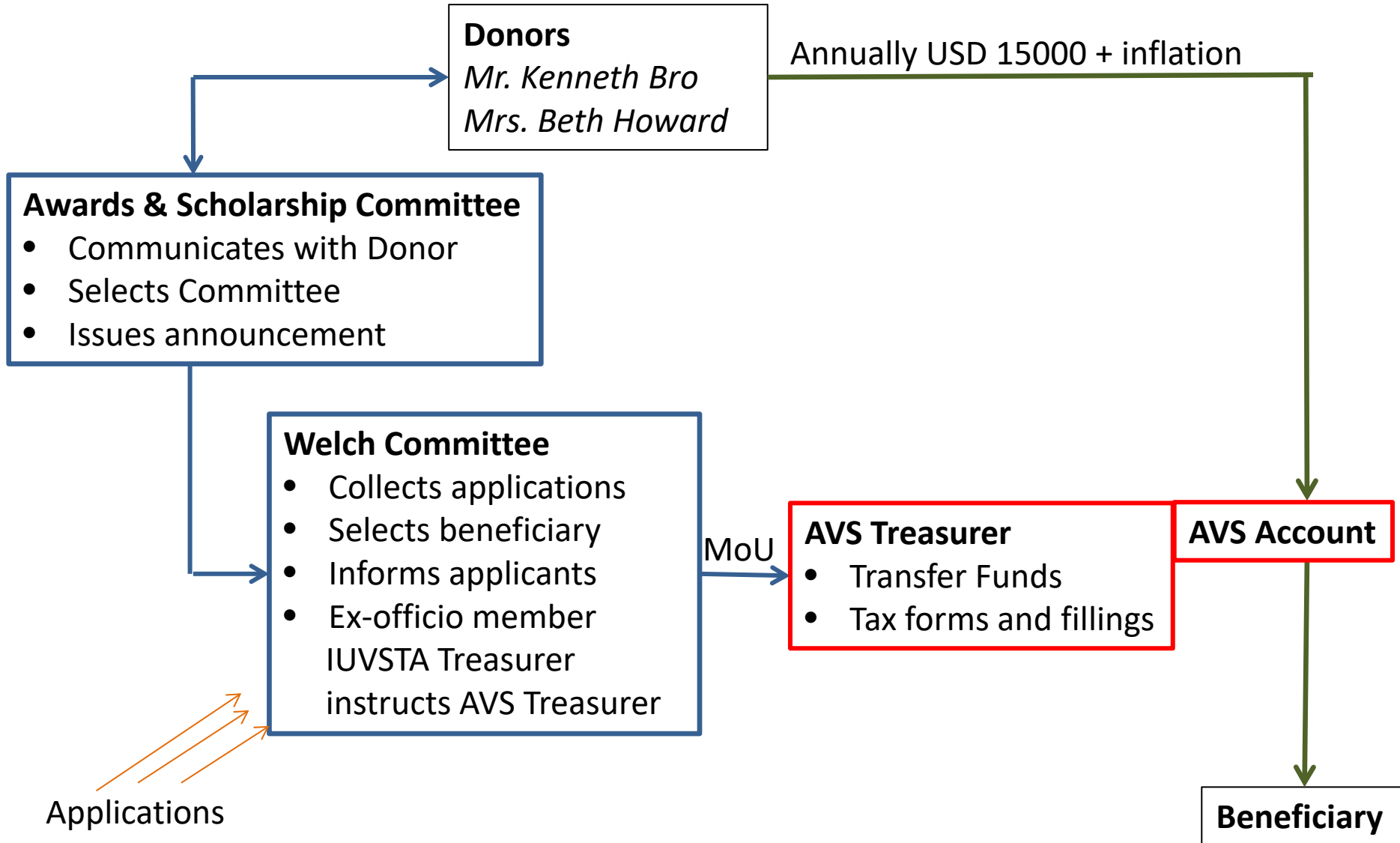
- Minutes ECM-126 Sofia approved
- Welch Scholarship: Procedural details and announcement of the Award were discussed.
- IUVESTA Awards: Discussions how to attract high quality applicants.

Medard W. Welch International Scholarship Award



Medard W. Welch, 1st President of IUUSTA (1957/58)

Welch Scholarship Set-up



Welch Committee Members 2018

Name	e-mail	Continent	Organization	Term
David Ruzic	druzic@ad.uiuc.edu	America	University	Ex-Officio (2018-2019)
François Reniers	freniers@ulb.ac.be	Europe	University	Ex-Officio (2018-2019)
Anton P.J. Stampfl, Chair	aps@ansto.gov.au	Australia	Research Lab	2018-2021
Francisco Tabarés	paco.tabares@ciemat.es	Europe	Research Lab	2018-2020
Hongjun Gao	hjgao@iphy.ac.cn	Asia	Research Lab	2018-2019
Enrico Maccallini	Enrico_Maccallini@saes-group.com	Europe	Industry	2018
Ana G. Silva	acs@fct.uni.pt	Europe	University	2018

Welch Award 2018

- Announcement: March 26, 2018
- Application Deadline: June 15, 2018
- 7 applications received

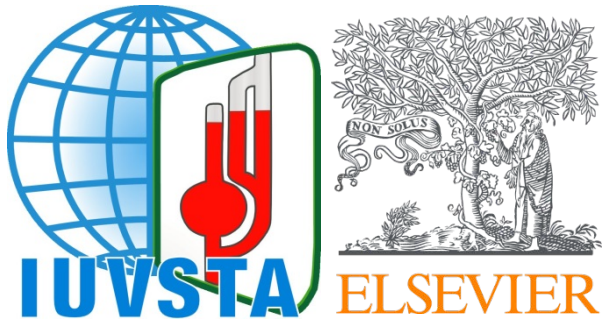
Welch Award 2018

- RWTH/Jülich (D) (m) -> Glasgow (UK)
- Uni do Minho (P) (f) -> Groningen (NL)
- Donostia Int'l Phys Lab (E) (m) -> Inst Phys ASCR (CZ)
- Namur (B) (f) -> Nantes (F)
- CUHK (HK) (m) -> CWRU (USA)
- Peking U (CN) -> Harvard (USA)
- Weizman (IL) (m) -> FUB (DE)

Welch Award Winner 2018



- Abdul Wasy ZIA
- Postdoc
- City University of Hong Kong to Case Western Reserve University, Cleveland (USA)
- 3 months (1 June – 31 Aug 2019)
- Learn the synthesis of free-standing graphene sheets

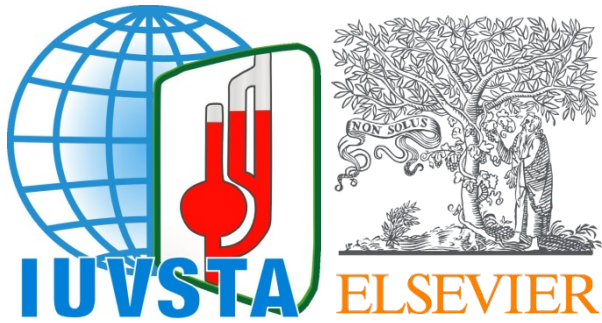


IUVSTA-Elsevier Student Travel Award

			EUR	On web/Winners announced/report written
ECOSS 33	27 Aug – 1 Sep 2017	Szeged, Hungary	2000	y/y/y
ICTF-17	13-17 Nov 2017	New Delhi, India	2000	y/n/n
EVC-15	17-22 June 2018	Geneva, Switzerland	2000	y/n/n
VASSCAA 9	2018	Sidney, Australia	2000	n
IVC-21 & ECOSS 35	1-5 July 2019	Malmö, Sweden	4000	y

			12000	

All organizers have been informed about the award
 Announcement published on web for ECOSS 33, ICTF-17, EVC-15, IVC-12
 ECOSS-33 winners listed on the web. Report written. Done
 ICTF-17 had **no applicants** for Award. **No Award** given. Done
 EVC-15 had **no applicants** for Award. 2nd call to other needy students. **Elsevier has not (yet) transferred the money to the organizing committee.** Not (yet?) awarded.
 Funding request for ECOSS-34 was turned down by Elsevier.
VASSCAA-9 no call published, despite several reminders!



IUVSTA-Elsevier Student Travel Award

Award needs to be rethought!

3rd world country students not reached

- e.g. ECOSS-33 IUVSTA-Elsevier Award winners from USA, Japan, Germany, India, Serbia
- ICTF-17 and EVC-15 no applications

No applications from needy students

EVC-15 second call (dead line 25 May 2018) got 3 student applications from Switzerland, Germany, Slovenia

Conference organizers not even announcing the award availability

VASSCA-9 has no announcement on web

Elsevier bureaucracy

Has not transferred money to EVC-15 since Jan 2018

Carina Arasa Cid on maternity leave, change in accountants

Not possible to transfer ICTF-17 funds to another conference

Do we still need a student travel award?

Do we need to adjust the rules?

Do we need to increase award size?



IUVSTA Prize Procedure



2019 IUVESTA Prize Timeline (Proposed)

- Announcement 1 June 2018 / 1 Aug 2018
- Application Deadline 15 December 2018
- Selection 1 February 2019
- Prize Lecture 1 July 2019

Prepare nomination packages!



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



Nature of IUVSTA Prize

- A Cash Award
- A struck Medal
- A Certificate
- Travel Expenses
- Lodging Expenses
- Conference fee waiver (Invited Talk)
- Plenary Talk at Conference



Details of IUVESTA Prize Timeline

IUVSTA Prize Timeline		
	IVC-21 Malmö	IVC-20 Busan
	1-5 July 2019	21-26 Aug 2016
Edit prize announcement	By EVC Spring 2018	
Select Review Panel		
Announce Prize via ECM, individual vacuum societies	1 June 2018	Oct 2015
Deadline for application	15 December 2018	26 January 2016
Check if printed material and electronic version are the same		
Check for conflict of interests		
Distribute submitted applications to jury		
Review applications		
Check for completeness of application		
Discuss applications		
Select Winner	1 February 2019	
Write cover letter to inform		
Send letter to IUVSTA President		
Mail to Awardee		13 May 2016
Submit name to web page coordinator and publications chair		
Mail to the submitting societies		
Request invited presentation topic		
Inform conference chair on award winner		
Must be listed in program		
Communicate regarding travel arrangements		
Negotiate travel expenses of the awardee to the meeting		
Organize transfer of award money		
Submit name to medal engraver	1 March 2019	
Organize Certificate material	15. April 2019	
Write certificate text	1 May 2019	
Review certificate text with Secretary General	15 May 2019	
Print certificate text	1 June 2019	
Bring everything to IVC	27 June 2019	
Hand over to Conference organizers for the ceremony	29 June 2019	
Submit electronic documents about submission and decision procedure to IUVSTA archive		
Shred printed material		

IUVSTA-Ebara Young Scientist Award

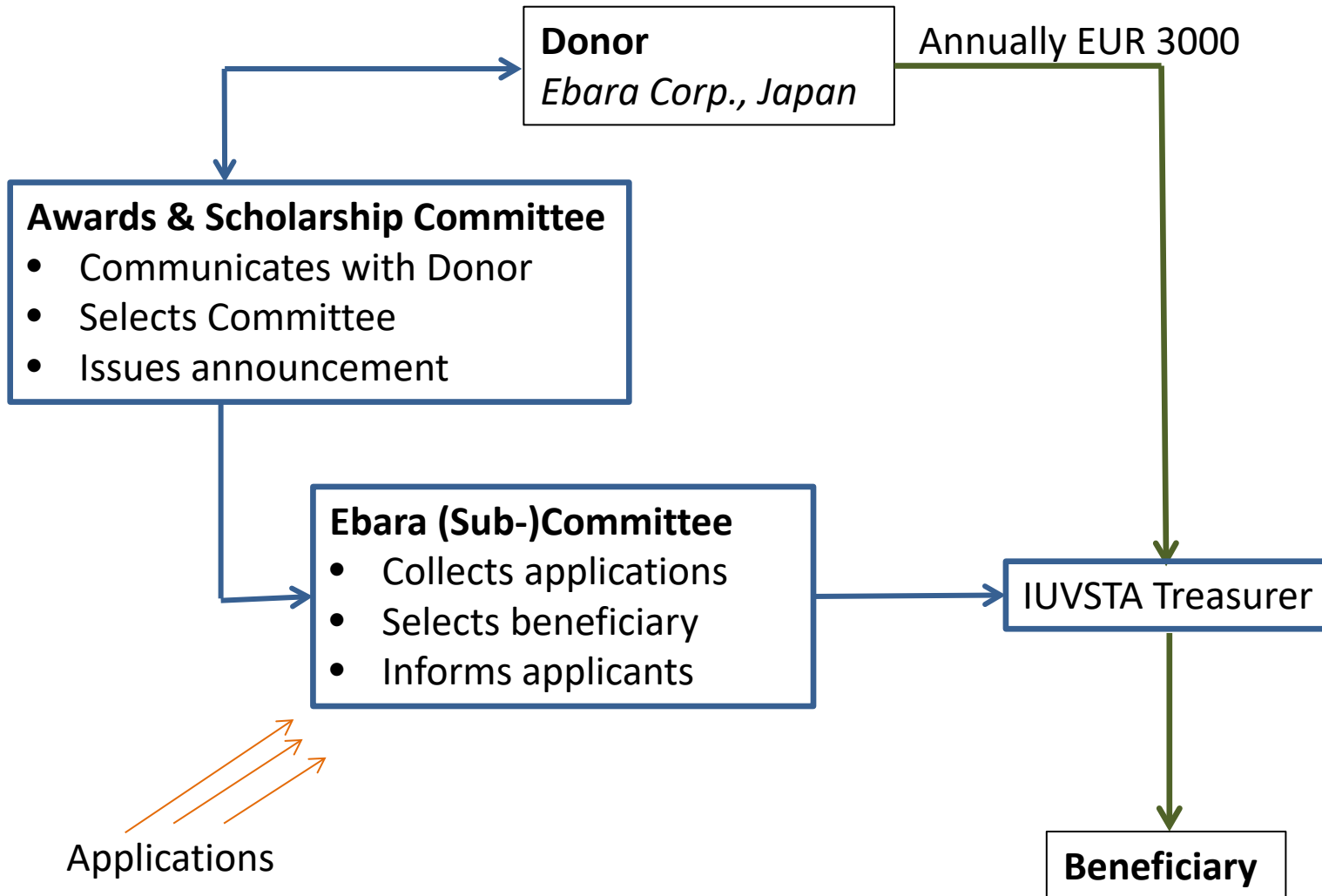
- Announced in IUVSTA News Flash No 8, May 2018:
- IUVSTA has established a new scientific Award for an excellent young researcher
- Sponsored by EBARA
- Award amount EUR 3000
- To be given in a dedicated ceremony at IVC-21 in Malmö (Sweden) next year (July 1-5, 2019)
- The award will inspire young researchers and engineers to work on environmentally friendly solutions in the area of vacuum-related science and technologies. It is expected that the projects submitted to the Award will be related to vacuum science and technologies and demonstrate considerable environmental benefits. Projects expected to be carried out at a university or an industry laboratory with no restriction on the location of the project. However, visibility with respect for environmental protection is important.
- The kick-off, application procedure and further details of project content and scope will be communicated by IUVSTA in the coming months.



IUVSTA-Ebara Young Scientist Award

- Dissemination: Web, National vac societies
- Frequency: Annually?
- Application: Google forms (analog to Welch Award)
- Evaluation: ASC or special Committee that includes Ebara Scientist
- Award: EUR 3000 + invited talk at IUVSTA sponsored conference

Ebara Award Set-up



Working Group on Awards Restructuring

- Lars Montelius (IUVSTA President)
- Frank Richter (Chair ASC 2013-2016)
- Martin Wüest (Chair ASC 2016-2019)
- Christoph Eisenmenger-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 up to one year in a country in which he/she has not previously studied. To contribute to the study of vacuum science techniques or their application in any field	Every year	USD 15000	Mr. Bro Welch & Beth Howard USD 15000 + inflation per year	Postgraduate Scientist -1 to +2 years of receiving Ph.D.	Restarting
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.	Annually, selected conferences only	Depending on conference organizers (typ. EUR 500)	Elsevier grant EUR 12000 /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	Difficult to get 3 rd world country students
IUVSTA-Ebara	Development of environment friendly solutions	Annually	EUR 3000 + invited talk	Ebara	TBD	New

Present Array of Awards

	Undergraduate	Graduate	Post-doc	Established
Prize				IUVSTA Prizes Sci. & Technol.
Subsistence			Welch (restarting)	
Semester abroad			WTP (Discontinued)	
Conference Travel			Elsevier (3 rd World)	
Research		Ebara (new)	Ebara (new)	

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 Prize for Young Researchers

- Proposed sponsors for Co-branding
 - IONTOF
 - Goodfellow
 - Shimadzu-Kratos Analytical
 - Ebara (now established)

Welch Award

- One of many Young Scientists Mobility Award
- Expensive >40 kUSD/year
- Kenneth Bro and Beth Howard are funding of the Award with USD 15000/yr.
- We should either increase the amount that a graduate student can live of it and do research for a year.

Any Other Business

Adjourn