

ECM-132-20-H-01



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Awards and Scholarship Committee

Martin Wüest
Chair

Prepared for ECM-132, Annecy, France
Now cancelled and presented at web meeting
March 20, 2020



Agenda

1. Opening
2. Attendance
3. Adoption of Agenda
4. Minutes of ASC meeting during ECM-130 in Malmö, Sweden
5. IUVSTA Prize Procedures
6. IUVSTA Ebara Young Scientist Award
7. IUVSTA Elsevier Students Award
8. IUVSTA Welch Scholarship
9. Any Other Business
10. Closing Remarks
11. Adjourn

Present IUVSTA Awards and Prizes (2020)

Award	Aim	Frequency	Amount	Funding	Eligibility
IUVSTA Prize for Science	Recognize and encourage outstanding internationally-acclaimed research in the fields of interest to the IUVSTA.	Every 3 years with IVC	EUR 5000 + struck medal + certificate + travel expenses + Conference fee (IVC budget)	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 with IVC	EUR 5000 + struck medal + certificate + travel expenses + Conference fee (IVC budget)	Previous donations from companies	Within 10 years preceding the year in which award is made
IUVSTA EBARA Award	Recognizes an excellent young researcher or engineer for innovation in environmentally friendly solutions in the area of vacuum-related science and technologies.	Every 3 years with IVC	EUR 3000 + certificate + plaque + invited talk + conference fee (IUVSTA budget)	EBARA Company	Award for a person within 10 years after Ph.D. For past work
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.	Every year	USD 15000	Mr. Bro Welch & Beth Howard USD 15000/yr	Postgraduate Scientist
IUVSTA-Elsevier Student Award	Partial financial support to attend IUVSTA meetings and conferences at which they are presenting a paper. Strive for gender balance	Yearly, 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 at the start of the conference with not enough support to attend conference.
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IUVSTA Prizes

The [IUVSTA Prize for Science](#) is awarded every three years to recognize and encourage outstanding internationally-acclaimed research in the fields of interest to the IUVESTA

The [IUVSTA Prize for Technology](#) is awarded every three years to recognize and encourage outstanding internationally-acclaimed achievements in technology and instrumentation in the fields of interest to the IUVESTA

No new activities (only given at IVC)



IUVSTA Prizes

The prizes consist of

- A Cash Award (now EUR 5000)
- A struck Medal
- A Certificate
- Travel Expenses
- Lodging Expenses
- Conference fee waiver (Invited Talk)
- Plenary Talk at Conference



IUVSTA Prizes

No new activities at present

Suggested Timeline:

Decision to go ahead	ECM-134 Spring 2021
Announcement to World	early summer 2021
Nomination Deadline	10 Jan 2022
Selection	1 March 2022
Prize Ceremony	17 Sept 2022

Time to start thinking of possible candidates



IUVSTA EBARA Award

- Recognizes an excellent young researcher or engineer for innovation in environmentally friendly solutions in the area of vacuum-related science and technologies.
- Award for a person within 10 years after Ph.D.
- For past work
- Every 3 years with IVC
- Award consists:
 - EUR 3000 (sponsored by EBARA Company)
 - certificate
 - plaque
 - invited talk
 - conference fee (IUVSTA budget)



EBARA

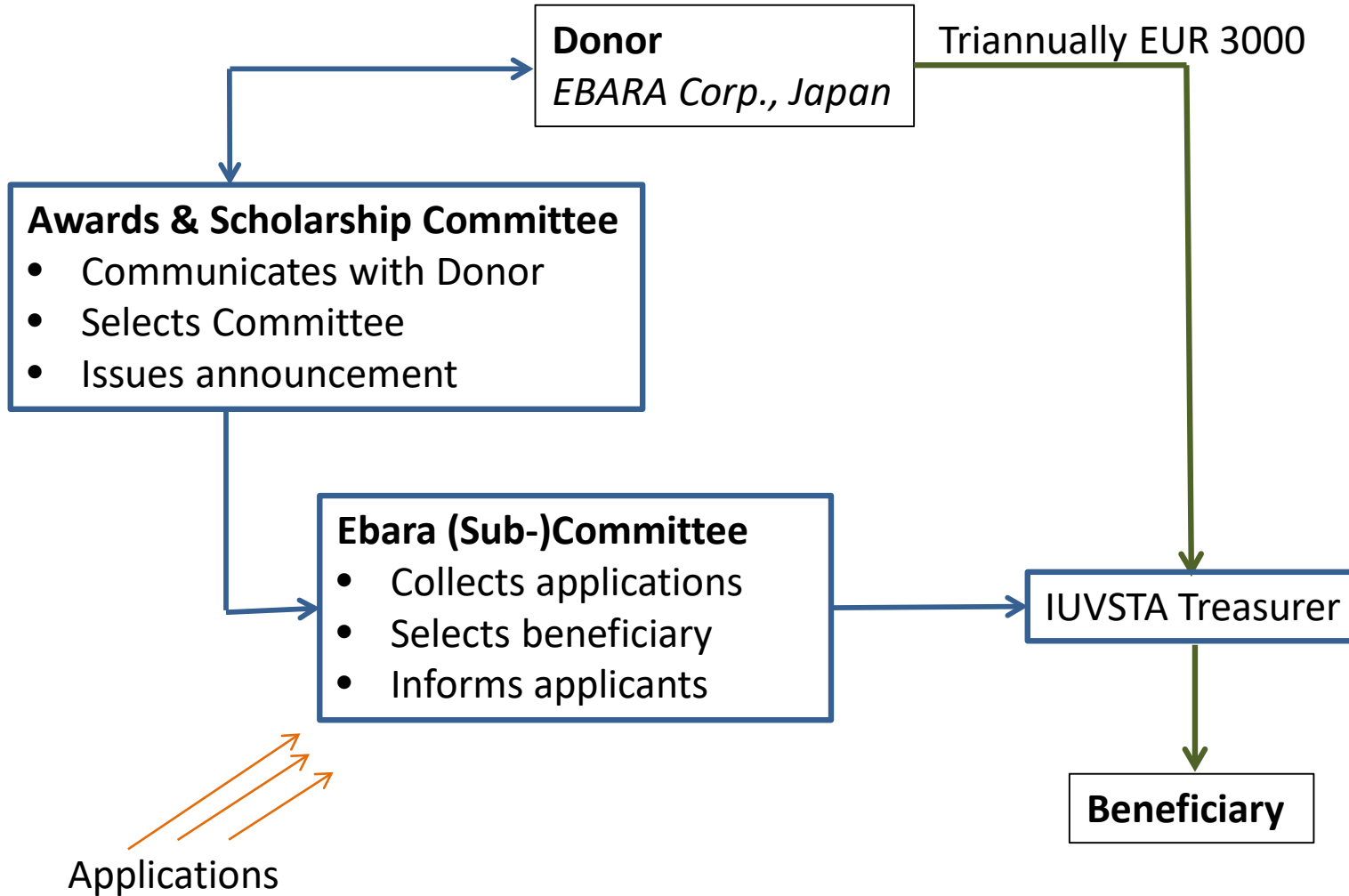
IUVSTA EBARA Award Committee

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





IUVSTA EBARA Award Set-up





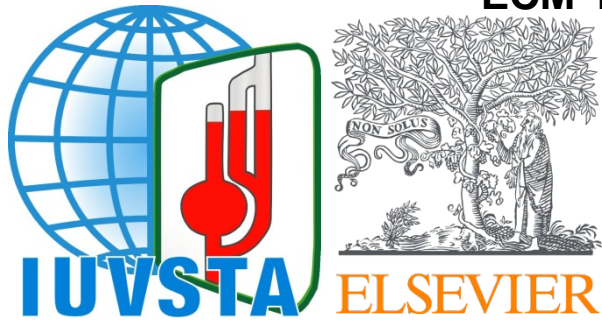
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IUVSTA EBARA Award Set-up

No new activities (only given at IVC)



IUVSTA Elsevier Student Travel Award

New Memorandum of Understanding with Elsevier

No need for students to be from developing countries
but strive for gender equality

No need to submit before the conference abstract deadline

New spelling IUVSTA Elsevier instead of IUVSTA-Elsevier

Unused awards could be shifted to IUVSTA schools within the same year

Same amount of EUR 12'000 for the three years

Conferences supported

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



IUVSTA Elsevier Student Travel Award

			EUR	Contacted/On web/ Winners announced/ report written
ICTF-2020	14-18 June 2020	Budapest, Hungary	2000	y/y/n/n
VASSCAA-10	11-15 Oct 2020	Shanghai, China	2000	y/n/n/n
EVC-16	30 May -4 June 2021	Marseille, France	2000	y/n/n/n
ECOSS 36	2021		2000	n/n/n/n
IVC-22	11-16 September 2022	Sapporo, Japan	4000	y/n/n/n

			12000	



IUVSTA Welch Award 2019



Dual PhD. Univ. of Bordeaux & Univ of Nebraska-Lincoln
At Linköping University during application

Presently at RWTH Aachen, Germany
Prof. Jochen M. Schneider, Ph.D., Chair of Materials Chemistry

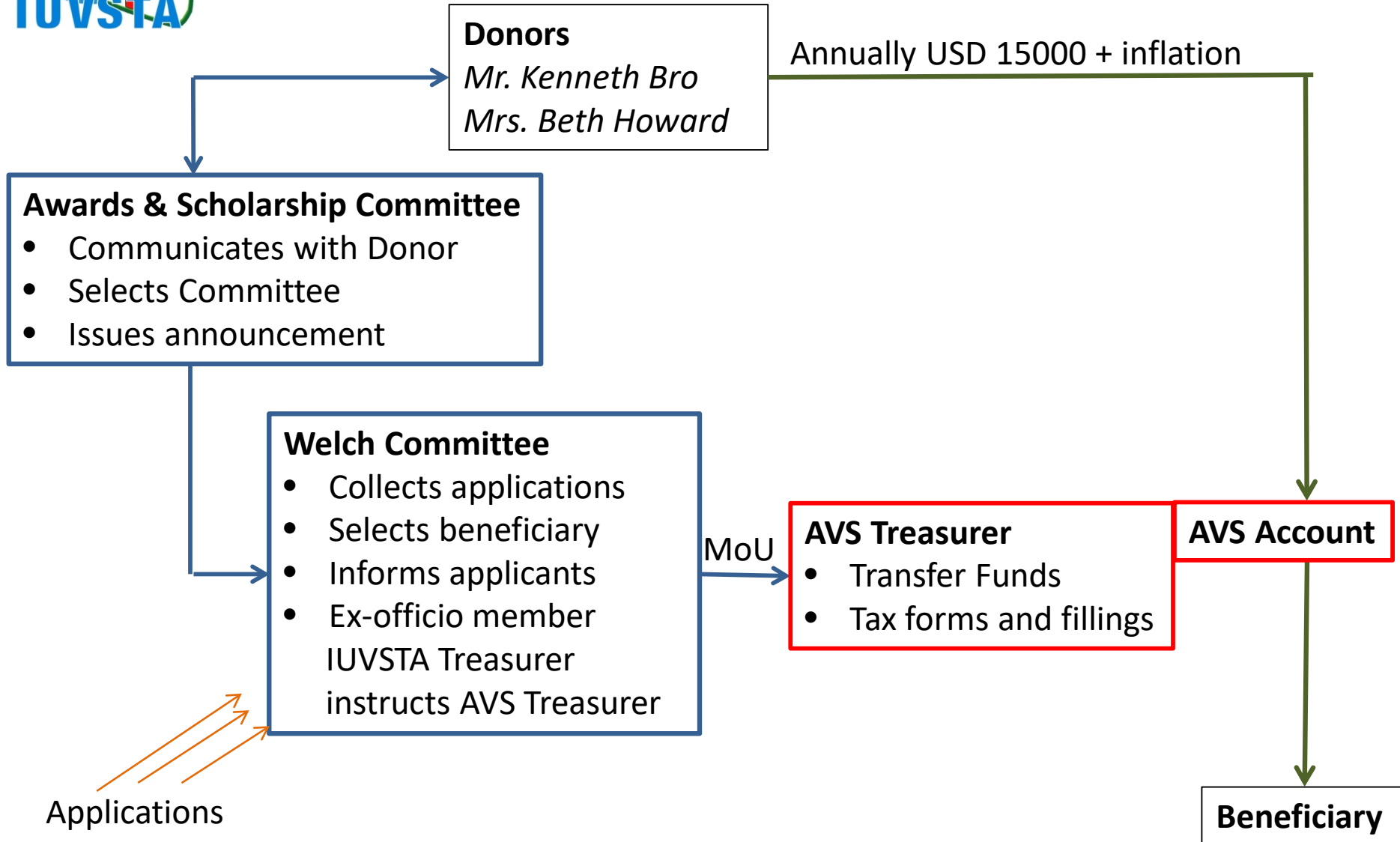
Originally from 01.11.19 - 01.02.20, 2-3 months
Now 6.1.-3.4.2020, 3 months

Study the interfacial stability of V_2AlC MAX phase coatings on Zr-based substrates

Mid-term Report submitted 3.3.2020



Welch Scholarship Set-up





IUVSTA Welch Committee Members 2019-2022

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

Need woman to replace Hongjun Gao from Asia until March 2020 ECM
Please propose them



IUVSTA Welch Award 2020

- 13 Jan 2020 Email to Hendricks and Stampfl
- 16 Jan 2020 Email to Kim Bro and Beth Howard
- 14 Feb 2020 Email from Beth Howard

“My brother and I will fund the scholarship again”

12.03.2020 Apparently we got half of the funds at AVS

The End