



**IUUSTA**

**132<sup>nd</sup> Executive Council Meeting**

**Teleconference Meeting**

**March 21, 2020**

**All times are Central European Time (Paris)**

<http://www.iuvsta.org>

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**Minutes of the Executive Council Meeting of the IUVSTA**  
**132<sup>nd</sup> Executive Council Meeting**  
**Teleconference Meeting**  
**Saturday, March 21<sup>st</sup>, 2020**

It was the first virtual Executive Council Meeting of the Union. Because of the COVID-19 pandemic, the face to face meeting in Annecy, France, which was scheduled for Friday, March 20 – Sunday, March 22 was cancelled.

**1. Attendance**

Officers:	President	Anouk Galtayries
	Past President	Lars Montelius
	President Elected	François Reniers
	Treasurer	Arnaud Delcorte
	Secretary General	Christoph Eisenmenger-Sittner
	Scientific Director	Jay Hendricks
	Scientific Secretary	Katsuyuki Fukutani
	Recording Secretary	Ana Silva
Councillors:	Australia	Anton Tadich
	Austria	Manfred Leisch
	Brazil	Pedro A. P. Nascente
	Bulgaria	Ivan Petrov (Alternate Councillor)
	Czech Republic	Stanislav Novák
	France	Sylvie Bourgeois
	Germany	Ute Bergner
	Great Britain	Timo Gans
		Deborah O'Connell (Alternate Councillor)
	Hungary	László Óvári
	Israel	Tatyana Bendikov

Italy	Fabrizio Giorgis
Japan	Yasunori Tanimoto
Korea	Geun Young Yeom
Mexico	Emmanuel Haro-Poniatowski
Pakistan	Javaid Ahsan Bhatti
Poland	Ryszard Czajka
Portugal	Carlos Tavares
Slovakia	Andrej Vincze
Slovenia	Miran Mozetič (Alternate Councillor)
Sweden	Pär Omling
Switzerland	Jörg Patscheider
	Martin Wüest (Alternate Councillor)
USA	Greg Exarhos

**Remarks**

Ute Bergner joint to the meeting at 14:00

Ryszard Czajka joint to the meeting at 15:20

AGM 6		ECM 132	
Total number of Votes:	33	Total number of Votes:	40
Quorum: 1/2	17	Quorum: 2/3	27
		Officers in Room	7
Councillors in Room	19	Councillors in Room	19
Alternates in Room	5	Alternates in Room	5
Represented Votes	22	Represented Votes	29
Quorum	0.7	Quorum	0.725

**Observers**

Alberto Tagliaferro (Education)  
Anton Stampfl (CPC)  
Ana G Silva (Nanometer Structures)  
Maria Carmen Asensio (Surface Science)  
Fumio Komori (Surface Science)  
Dmitri Petrovykh (Bio Interfaces)  
Hernando Salapare (Philippines Vacuum Society)  
Mario Rocca (Surface Science)

The Secretary General confirmed the quorum for both meetings AGM 6 and ECM 132, of 70% and 72.5%, attendants, respectively.

12:45 Meeting opened for connection setup and test connection for teleconference meeting.

13:00 Secretary General confirmed the countries which were represented and gave a brief explain about the procedures within teleconference meeting.

## **2. President's Opening Statement**

13:00 The IUVSTA President, Anouk Galtayries, opened the ECM 132 meeting at 13:00 by welcoming all IUVSTA Officers, Councillors and Members. The IUVSTA President acknowledged all Officers, Chairs and Vice-chairs of STD, Education and Finance Committees, and Chair of the Scientific Divisions and all members of the committees and divisions for the fruitful discussions and for the productive virtual meetings on previous day, March 20<sup>th</sup>, 12:45-17:45.

The President also acknowledged the Past President Lars Montelius for providing and hosting the virtual teleconference meeting. Moreover, acknowledged Ivan Petrov for sharing the news regarding Joe Greene and suggested to send a post card to Joe Green and his wife on behalf of IUVSTA.

The President explained the procedure for anonymous online voting. All councillors and officers agreed with the procedure.

### 3. Annual General Meeting AGM 06

Quorum 70%

The Secretary General, Christoph Eisenmenger-Sittner, introduced the agenda for Annual General Meeting AGM 06 and Executive Council Meeting.

#### 3.1 Adoption of the Annual Accounts for the financial year 2019

The IUVSTA Treasurer, Arnaud Delcorte, reported on the annual accounts for 2019 (Appendix 1 of these minutes), proposed and accomplished, having virtually shared the report in the screen with all attendants. A detailed explanation of the expenditure was given, and all questions satisfactorily discussed and answered.

No questions regarding the report 2017/2019.

The President Elected and past Treasurer, François Reniers, observed that the report shared and discussed is the Official report to be sent to Belgian administration (in French).

The IUVSTA President, Anouk Galtayries, made a statement on the very positive figures presented and acknowledged Arnaud Delcorte for the financial report.

As a final remark, the President asked/encouraged for more scientific proposals, workshops, schools, and education activities in the present triennium as expenditures for scientific events were far from the budgeted level in the past triennium.

Voting results regarding the financial report of 2019: Unanimously approved. No votes against. No abstentions.

#### 3.2 Adoption of the Budget for the financial year 2020

The IUVSTA Treasurer, Arnaud Delcorte, proposed the budget for 2020 (Appendix 2 of these minutes), sharing it virtually with the attendants in the meeting. The budget was explained and discussed in very detail and all questions and comments clarified.

Donation from IVC in Malmö 41600 € Pär Omling, the Chair of IVC in Malmö in 2019, commented about the donation and short courses. To clarify, the Treasurer added that that the cost for short courses (expenses) is included in the budget of Education Committee

Voting: results regarding the budget proposal for 2020:

Unanimously approved. No votes against. No abstentions.

It was proposed the formation of an Investment Commission. Arnaud Delcorte welcomes all support and recommendations for the investment commission call. François Reniers, as past Treasurer, congratulated Arnaud for the work done.

#### **4 Executive Council Meeting ECM 132**

Quorum 72.5 %

IUVSTA President, Anouk Galtayries, invited the Chair of the Congress Planning committee, Anton Stampfl, to present the Conference reports.

The chair of the Congress Planning committee, Anton Stampfl, reported shortly on Shanghai VASSCA preparations which are ongoing. Although there is a degree of uncertainty regarding the near future due to Covid-19 present restrictions.

Anton gave an overview on ICTF18 in Budapest considering also the current situation originated by the Covid-19.

Martin Wüest, Chair of the Award & Scholarship Committee, reported on the activities regarding scholarships. Jennifer Mac Leod was suggested and welcome to join the Welch Scholarship committee. Ivan Petrov, Chair of the Communications Committee, reported on the activities and the work which has been done to improve the IUVSTA visibility and impact, namely through IUVSTA website and IUVSTA bulletins. Moreover, offered his support to insert information regarding the divisions, upon request by the Chair's division.

##### **4.1 Report from STD Vote on Workshops, Schools and Short and TTC Courses.**

The IUVSTA President, Anouk Galtayries, introduced the STD, including Education Committee, reports and informed about the STD and Education Committee fruitful meeting and discussions held in the previous day on 20<sup>th</sup> March. Detailed information on the voting process, within STD meeting,

regarding the workshop proposals, schools and TTC and SC was given to Councillors and observers at ECM.

Within STD meeting 10 members are entitled to vote and the voting was organized electronically and anonymously.

Ten (10) proposals (WS, Schools, TTC and SC) were submitted to STD and Education committee, presented and discussed on March 20<sup>th</sup> during STD meeting including Education Committee.

From ten proposals, only nine fulfilled the requirements within IUVSTA concept and rules. Therefore, nine (9) proposals were voted.

The Scientific Director, Jay Hendricks, acknowledged all the members for the active participation and fruitful discussions and work during the STD meeting on March 20<sup>th</sup> and reported on the scientific and educational activities.

The Scientific Director presented, described and explained in detail the budget plan for 2020-2022. Reported and congratulated for the fantastic scientific proposals for schools and workshops received.

Detailed information and description about procedures, discussions and activities on Friday, March 20<sup>th</sup>, during STD meeting was also presented at ECM, including detailed information on the proposals submitted.

#### Proposals for motion recommendations.

**WS1**-Proposal entitled "Workshop on Advanced Spectroscopy and Transport for 2D Materials at Surfaces", proposed by the Nanometre Structures Division and the Surface Science Division.

Education and STD recommended unanimously (10 votes yes)

Proposed to open vote at ECM.

92<sup>nd</sup> IUVSTA Workshop: approved unanimously by ECM132 with a funding of EUR 6 000.

**WS2**-Proposal entitled "Advances in the characterization of surface engineering structures, coatings, and thin films", proposed by the Surface Engineering Division, and supported by the Nanometer Structures Division, the Thin Film Division and the Applied Surface Science Division

Education and STD recommended unanimously (10 votes yes)

Proposed to open vote at ECM.



93<sup>rd</sup> IUVSTA Workshop: approved unanimously by ECM132 with a funding of EUR 6 000.

**WS3**-Proposal entitled "Reliable sensing and control of reactive plasmas", proposed by the Plasma Science and Technique Division

Education and STD recommendation: Yes: 8 votes; Not in favour: 2 votes; No Abstentions.

Proposed to open vote at ECM.

94<sup>th</sup> IUVSTA Workshop: approved unanimously by ECM132 with a funding of EUR 9 000.

**WS4**- Proposal entitled "Plasmonic Thin Films: Theory, Synthesis and Applications", proposed by the Thin Film Division.

Education and STD recommendation: Yes: 8 votes; Not in favour: 1 vote; 1 abstention.

95<sup>th</sup> IUVSTA Workshop: approved unanimously by ECM132 with a funding of EUR 6 000.

**Sch1**-Proposal entitled "International Summer School on Physics at Nanoscale" proposed by the Nanometre Structures Division.

Education and STD recommendation- not recommended. Yes: 4 votes; Not in favour: 6 votes.

**TTC1**-Proposal entitled "Vacuum technology, principles and applications", proposed by the Slovak Vacuum Society

Education and STD recommendation: Yes: 6 votes; Not in favour: 2 votes; No abstentions

21<sup>st</sup> IUVSTA TTC: Approved unanimously by ECM with a funding of EUR 2 500.

It was strongly recommended to hold this TTC as a virtual course because of the relatively low number of expected participants and due to the present COVID-19 crisis. Moreover, The Chair of Education Committee, Alberto Tagliaferro, recommended webinars of some blocks, since they are very interesting. It was a very welcome proposal by the ECM.

**TTC2**-Proposal entitled "IUVSTA TTC on Vacuum Technology Applications", proposed by the Pakistan Vacuum Society

Education and STD recommendation: Yes: 6 votes; Not in favour: 6 votes; No abstentions

22<sup>nd</sup> IUVSTA TTC: Approved unanimously by ECM with a funding of EUR 2 500.

**TTC3**-Proposal entitled "Introduction to Vacuum Science, Technology, and Applications: from Nano science to outer space", proposed by the Argentinean Physical Society

Education and STD recommendation: Yes: 8 votes; Not in favour: 2 votes; No abstentions

23<sup>rd</sup> IUVSTA TTC: Approved unanimously by ECM with a funding of EUR 2 500.

**Short course Sc1**: Proposal entitled "Low Energy and Photo Emission Electron Microscopy", proposed by the Spanish Vacuum Society

Education and STD recommendation: Yes: 6 votes; Not in favour: 4 votes; No abstentions

Approved unanimously by ECM132 with a funding of EUR 1 000.

It was fully agreed and accepted by the organizers of WS, SC, TTC and SC proposals to follow the recommendations of IUVSTA regarding the COVID-19 pandemic situation, within the context of IUVSTA Statement:

“Moving forward, IUVSTA recommends that the organizers of all workshops, schools, technical training courses, short courses, and conferences keep a close watch on the COVID-19 situation and adjust the meeting date(s) to ensure the safety of the participants. IUVSTA encourages science to continue with the use of electronic meetings, webinars and virtual meetings.”

➤ Final Remarks of Education Committee, Alberto Tagliaferro and Scientific Secretary, Jay Hendricks  
The chair of Education Committee, Alberto Tagliaferro, commented on the low budget available for TTC and Sc in comparison with the budget available for WS and Schools and taking in consideration the number of TTC and SC already submitted for 2020.

The Scientific Secretary, Jay Hendricks, asked opinion and permission to the Treasurer to transfer some of the budget allocated to workshops and Schools (STD) to be transferred to the Education Committee. The IUVSTA Treasurer agreed that is possible. The Chair of Education committee, Alberto Tagliaferro, acknowledged Jay Hendricks and the treasurer Arnaud for this possibility and valuable support.

The Scientific Secretary, Jay Hendricks, acknowledged all Division Chairs, the Scientific Secretary Katsuyuki Fukutani, the chair of the Education Committee, Alberto Tagliaferro, and members for being active, for the work done and for the proposals.

The Past President, Lars Montelius draw the attention of the importance of keeping discuss the science, if needed by teleconference meetings, while the Covid-19 pandemic situation prevails.

The Chair of Education Committee, Alberto Tagliaferro, remind about the importance of “not stopping science” and the need of Webinars as a key for scientific discussions among young and less young generations of scientists.

#### **4.2 Secretary General’s report**

#### **4.3 Future Executive Council Meeting**

ECM133 in October 2020 is on the way of its preparation by the Chinese Vacuum Society. However, given the situation with the Covid-19 pandemic, a discussion with the organisers will take place in July 2020.

#### **5 Other Business**

ECM 134, Sylvie Bourgeois proposed to be in Annecy in the same conditions than it would be for ECM 132. It was approved unanimously by ECM.

#### **6 President’s Closing Remarks**

The President, Anouk Galtayries, expressed her gratitude to all attendants for their participation in the ECM 132 meeting.

Secretary General closed the ECM 132 meeting at 16h30.

#### **7 Motion to Adjourn**

A motion to adjourn was proposed and seconded; the motion was carried, and the meeting closed 17:45.

Ana G Silva

Recording Secretary

Lisboa, 18<sup>th</sup> April 2020

## Appendix 1

## Budget 2019 (euro)

	2019 proposal	2019 Realized
<b>Income:</b>		
Subscriptions (share value of 150 € per year)	20000	19227,09
Interest	7000	6495,52
Donations (Welch, Ebara)	13000	18856,70
Company engagements	6500	0,00
Donation (from IVC)	40000	0,00
Transfer from general fund (Beckaert)	8479	15000,00
<b>Total income</b>	<b>94979</b>	<b>59579,31</b>
<b>Expenditure:</b>		
Communication	2200	968,14
Educational Activities	8000	7867,50
Workshops/Schools	30000	12000,00
Officers discretionary expenses and travel	6000	3181,98
Liability insurance for IUVSTA president	333	327,75
ICSU/NGO-UNESCO	1000	510,00
Bank charges, taxes, commitments, miscellaneous	1800	1254,96
Accountant for tax fillings	646	605,00
IUVSTA Prize	10000	8099,78
IUVSTA summit	2000	1259,00
Website	2000	0,00
Awards: Ebara, Students, Specific conf awards	29000	16648,00
unexpected expenses	2000	0,00
<b>Total expenditure</b>	<b>94979</b>	<b>52722,11</b>

## Appendix 2

## Proposed budget for 2020 (euro)

	2020/2022 voted	2020
<b>Income:</b>		
	(share value of 150 € per year)	
Subscriptions	61924	19500
Interest	18000	6000
Donation (Welch Award)*	39000	13000
Company engagements	10000	0
Donation (from IVC)	45000	41600
Transfer from general fund	75000	0
<b>Total income</b>	<b>248924</b>	<b>80100</b>
<b>Expenditure:</b>		
Communication (website)	8000	3000
Educational Activities/Webinars	22000	10000
Workshops/Schools	120000	38000
Officers discretionary expenses and travel	14000	4300
Liability insurance for IUVSTA president	1000	333
ICSU/NGO-UNESCO	2000	600
Bank charges, taxes, commitments, miscellaneous	4000	1267
Accountant for tax fillings	2750	600
IUVSTA Prize	14000	0
IUVSTA highlights	10000	3300
Welch-IUVSTA award	39000	13000
Ebara-IUVSTA award	4500	0
integration new societies	2000	700
unexpected expenses	5000	5000
<b>Total expenditure</b>	<b>248250</b>	<b>80100</b>