

Minutes of the IUVSTA STD meeting at virtual ECM 134 March 18th (Thursday), 2021

1. Opening

The opening address was given by STD Director Jay Hendricks.

The activity of STD was briefly introduced with an emphasis on some recent focus topics. Under the COVID-19 situation, the importance to flexibly organize scientific meetings was emphasized by recognizing the Pros and Cons of in-person/ virtual/ hybrid meetings.

(See STD Scientific Director's Report ECM 134- Virtual Meeting V3 on the web)

2. Attendance: see attached sheet

3. Adoption of agenda: The agenda was adopted as proposed.

4. Approval of minutes: The Minutes of ECM 133 were approved.

5. Divisional reports: see attached Division Report_2021-03-18

6. Report of Past Workshop

The report of the 96th workshop on HiPIMS Today-Recent Development of High-Power- Impulse Magnetron Sputtering, which was done virtually, was given by Ulf Helmersson (see attached).

7. Proposals of Workshops, Schools, Technical Training Courses and Short Courses

There was one school proposal "Physics at Nanoscale" from Czech, and the presentation for the proposal was given. After some comments and questions, voting on the proposal was conducted with the zoom chat.

The voting result:

Sc_1: 9 Yes / 0 Abstention / 0 No

8. Status of existing WS, TTC, and SC

See STD Scientific Director's Report ECM 134- Virtual Meeting V3 on the web

9. Reporting on IUVSTA Sponsorship

- i. The request for IUVSTA Sponsorship for the "Workshop on Electron Microscopy and its Applications" (Virtual Event on 28/04 and 29/04) with Carla Bittencourt, Chair; Michel Vouè, Scientific Chair is **approved** in an email vote of division chairs and reported to the STD. Email vote Vote 10 Yes / 0 Abstention / 0 No

- ii. ICN+T: Sarah Burke, Request for IUVSTA Sponsorship for the ICN+T virtual conference to be held July 11-16 was voted by STD and Approved. The live vote was

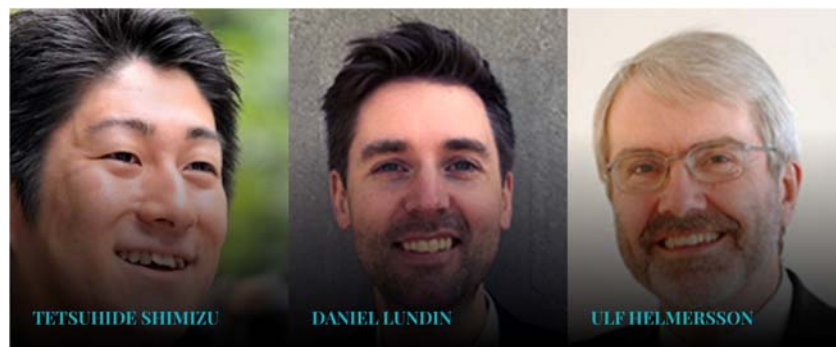
unanimous yes vote for all present and the IUVSTA Sponsorship is **approved** (9 Yes / 0 Abstention / 0 No). The request for financial support for IUVSTA to support a session and student registration fee reduction was discussed and supported in general but will be sent to the ECM for final approval.



March 18, 2021 recorded by K. Fukutani

Attendance of STD			ECM-132	ECM-133	ECM-134
Member					
STD	Director	Jay Hendricks	○	○	○
	Sec.	Katsuyuki Fukutani	○	○	○
EC	Chair	Alberto Tagliaferro	○	○	○
ASSD	Chair	Leszek Markowski		○	○
BI	Chair	Dmitri Petrovykh	○	○	○
EMPD	Chair	Ivana Capan			
NSD	Chair	Ana Gomes Silva	○	○	○
PSTD	Chair	Satoshi Hamaguchi	○	○	○
SED	Chair	Ivan G. Petrov	○	○	○
SSD	Chair	María Carmen Asesio	○	○	○
TFD	Chair	Mile Ivanda	○	○	○
VSTD	Chair	Marcelo J. Ferreira	○	○	○
Observer					
ASSD	Vice Chair	John T. Grant			
	Secretary				
BI	Vice Chair	Miguel Manso	○	○	○
	Secretary	Carlos R. Grandini			
EMPD	Vice Chair	Reinhard Schwarz			
	Secretary	Monika Kwoka		○	
NSD	Vice Chair	Shuji Hasegawa			
	Secretary	Carla Bittencourt			○
PSTD	Vice Chair	Deborah O'Connell	○	○	○
	Secretary	Miran Mozetič	○	○	○
SED	Vice Chair	Peter Schaaf			
	Secretary	Monika Jenko			
SSD	Vice Chair	Mario Rocca	○	○	○
	Secretary	Fumio Komori	○	○	○
TFD	Vice Chair	Papken Hovsepian			
	Secretary	Diederik Depla			
VSTD	Vice Chair	Martin Wüest	○	○	○
	Secretary	Joe Herbert			○
		Anouk GALTAYRIES	○	○	○
		Christoph Eisenmenger-Sittner	○	○	○
		Francois Reniers	○	○	○
		Lars Montelius	○	○	○
		Arnaud Delcorte	○	○	○
		Sylvie Bourgeois	○	○	○
		Anton Stampfl	○	○	○
		Anton Tadich	○	○	○
		Pedro A. P. Nascente	○	○	○
		Stanislav Novák	○	○	○
		Yasunori Tanimoto	○	○	○
		Geun Young Yeom	○		
		Andrej Vincze	○	○	○
		Pär Omling	○	○	○
		Emmanuel Haro Poniatowski	○	○	○
		Manfred Leisch	○	○	○
		Greg Exarhos	○	○	○
		Timo Gans	○	○	
		Javaid Ahsan Bhatti	○	○	○
		Tatyana Bendikov	○		
		Hernando S. Salapare	○	○	○
		Joel Borges	○		
		Maja Mičetić		○	○
		Jennifer MacLeod		○	
		Ulf Karlsson		○	○
		Kathrina Lois Taaca		○	
		Attila Csik		○	
		Jörg Patscheider		(leaves 15:50)	○
		Ulf Helmersson		○	○
		Sven Ulrich		○	○
		Zhang Yu-Yang			○
		Dongxia Shi			○
		Sarah Burke			○
		Antonin Fejfar			○
Total					46

96th IUVESTA workshop “HiPIMS Today” January 20-22, 2021



Platform: Zoom
288 participants from 36 countries
17 invited presentations
15 Breakout room presentations

4 exhibitors – breakout room and presentation
15 “Posters” breakout room presentations

Scientific

- Bipolar-HiPIMS - focus area
- Film growth examples
- Industrial applications
- Process characterization
- Alternative processes

Invited speakers:

Nikolay Britun

Vasile Tiron

Tomáš Kozák

Tomas Kubart

Gregory Abadias

Petr Vašina

David N Ruzic

Zdeněk Hubička

Sedina Tsikata

Stéphanos Konstantinidis

Grzegorz Greczynski

Zhongzhen Wu

Michal Zanáška

Achim von Keudell

Jyh-Wei Lee

Jón Tomas Guðmundsson

Ralf Bandorf

Typical day

06:00 - 07:00 am UTC, Jan 21

Breakout room presentations, exhibits and mingling

07:00 - 08:00 am UTC, Jan 21

INVITED PRESENTATIONS

Three presentations

08:00 - 09:00 am UTC, Jan 21

Breakout room presentations, exhibits and mingling

09:00 - 10:00 am UTC, Jan 21

INVITED PRESENTATIONS

Three presentations

10:00 - 11:00 am UTC, Jan 21

Breakout room presentations, exhibits and mingling

Economy

Income	Budget (EUR)	Outcome (EUR)	Remarks
Registration fee	0	0	288 participants
Exhibitor fee	0	1 967	4 companies
IUVSTA	3 200	0	
Other sponsors	-	603	4 companies
Total income		2 570	

Conclusions

- Discussions with the speakers in the breakout room was very successful!
- Breakout room presentations should be very short.
- The platform worked fine:
 - A better overview of the breakout rooms would be desired.
 - We used a university license. It would be better to buy a license. Better control.
 - Very good registration function.
- No charge (+ and -)
- Find a way to make the participants interact more with the exhibitors.