

Minutes of the IUVSTA Education Committee Meeting
ECM 128
Sydney, Australia
Saturday 11th August 2018

Agenda:

1. Opening
2. Attendance
3. Adoption of Agenda
4. Confirmation of minutes
5. Visual Aids
6. Technical Training Courses
7. Short Courses
8. Review Paper
9. Any Other Business
10. Closing Remarks
11. Adjourn

1. Opening

The chairman of the Education Committee, Miran Mozetič, opened the meeting at 11:35.

2. Attendance

Members: Miran Mozetič (chair), Lars Montelius, Anouk Galtayries, Andrej Vincze, Christoph Eisenmenger-Sittner, David Ruzic, Francois Reniers, Deborah O'Connell, Anton Stampfl, Ute Bergner, Jay Hendricks, Stanislav Novak, Sylvie Burgeois, Mariano Anderle, Martin Wuest.

Observers: Par Omling, Katsuyuki Fukutani, Leszek Markowski, Hsiu Ying Lee, Ray Hua Horig, Stana Cheu Wang, Anton Tadić, Miguel Manso, Jorg Ratscheider, Gao Ya Hsiung.

3. Agenda

The agenda was adopted as proposed.

4. Confirmation of minutes

The Minutes from the Education committee meeting in Sofia, Bulgaria, on 30th September 2017, were confirmed. All members voted in favour.

5. Visual aids

The Aids have been available for several years for free downloading upon registration of a user at <http://www.iuvsta.org/iuvsta2/index.php?id=2072>. No new downloads were registered since the last ECM.

6. Technical training courses

A bid for organization of a technical training course was received from Brazil Vacuum Society and presented by president-elect, Anouk Galtayries. The title of the technical training course (TTC) is "Vacuum, Plasma, Surfaces, and Thin Films". The TTC is supposed to be organized in Joinville, SC, Brazil, October 7th -11th 2018 and should last for 32 hours. It is supposed to be organized in conjunction with a major conference "XXXIX Brazilian Congress of Vacuum Applications in Industry and Science (CBrAVIC)". The requested IUVSTA grant is 2000 €. The

committee members found the bid well-prepared and presented. After a short discussion the members supported the bid and recommended the STD to vote in favour.

7. Short courses

A short course was organized by French vacuum society in Montpellier, 24-25 September 2017, in conjunction with ECASIA conference (24-29 September 2017). The course was entitled “XPS Workshop”. Sylvie Burgeois reported a successful short course.

A bid for organization of a short course was prepared by Slovenian vacuum society. The title of the short course is “Recent advances in plasma techniques for tailoring surfaces and thin films”, Venue: Kranjska gora, Slovenia, Dates: Sunday, 26th May 2019, Major conference: CESPC 2019 – 8th Central-European Symposium on Plasma Chemistry, Kranjska gora, Slovenia, Monday 27th – Thursday 30th May 2019, expected number of conference participants 150. The requested IUVSTA grant was 2000 €. This proposal was already presented at the last meeting in Cebu and was supported by committee members providing a detailed financial plan were prepared. The financial plan was not presented so the members asked to do it by the meeting of the Scientific and Technical Directorate which was scheduled later the same day. The representative of Slovenian Vacuum Society prepared the document: no fee will be charged to participants and the 2000 € will be spend for accommodation of 6 lecturers and 12 students for one night, lecture room, meals and coffee.

8. Review paper

The review paper on presentations at IUVSTA Highlights Seminar on 23rd October 2015 in San Jose, California, was published in the journal “Thin Solid Films”. The paper is entitled “Recent developments in surface science and engineering, thin films, nanoscience, biomaterials, plasma science, and vacuum technology”. It expands over 40 journal pages and has 51 authors with the first affiliation “IUVSTA”. The committee chair thanked to all contributors and especially to Joe Greene and Jay Hendricks for assistance. The original manuscripts submitted from scientific divisions varied in style but some paragraphs were similar so it was a tremendous work to develop a paper from the manuscripts. The committee members agreed that the next paper should be more focused and prepared in good time.

The next paper should be written on the subjects presented at IUVSTA highlight seminar in Sydney, Australia, just before VASSCAA conference 13-16th August 2018. It was suggested to prepare several papers to avoid inclusion of incompatible topics. After discussing different possibilities, it was agreed that there will be 3-4 papers. The major authors will be L. Markowski, J. Hendricks, M. Manso and D. O’Connell. They are asked to merge similar contributions from different Divisions. A paper will be submitted for publication in “Journal of Vacuum Science & Technology”, where the IUVSTA recording secretary, Deborah O’Connell, serves as an Associated Editor. Other papers will be submitted to journals specialized for the papers’ topics. Anton Stampfl suggested submission of a paper to Applied Surface Science, where selected papers from VASSCAA conference will be published.

The committee chair was asked to contact all speakers of Highlights Seminar. Each speaker is asked to send the slides to the committee chair and major authors of the proposed papers. They should decide about merging suitable topics and prepare manuscripts in good time. The speakers are Jay Hendricks, Miguel Manso, Lars Montelius, Leszek Markowski, Rob Elliman, Deborah O’Connell, Ivan Petrov, Fumio Komori and Francisco Yubero.

9. Any Other Business

There was no discussion.

10. Closing Remarks & Adjournment

M. Mozetic adjourned the meeting at 12:05.

Minutes prepared by Miran Mozetic on 29th August 2018.