

Minutes of the IUVSTA Education Committee Meeting
ECM 122
Braga, Portugal
Saturday 16th April 2016

Agenda:

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

1. Opening

The chairman of the Education Committee, Miran Mozetič, opened the meeting at 9:50.

2. Attendance

Members: Jean Jacques Pireaux, Mariano Anderle, Lars Montelius, Francois Reniers, Andrej Vincze, Christoph Eisenmenger-Sittner, David Ruzic, Joe Greene, Martin Wuest, David Sykes, Maria Carmen Asensio, Slobodan Milošević, Daniel Verniere.

Observers: Anouk Galtayries, Paolo Manini, Geun Young Yeom, Katsuyuki Fukutani, Frank Richter, Stanislav Novak, Ulf Karlsson, Timo Gans, Carina Arasa Cid, Giacomo Ceccone, Pedro Nascente, Ute Bergner, Jay Hendricks, Jose Angel Martin-Gago.

3. The agenda was adopted as proposed.

4. Confirmation of minutes

The Minutes from the Education committee meeting in Morgan Hill, USA, October 2016, have been confirmed. All members were in favour.

5. Technical Training Courses

One new proposal for organization of an IUVSTA Technical Short Course in 2016 has been received until the deadline. The course entitled “Modern trends in microscopy” should take place at NINVAST, Islamabad, Pakistan, May 10-12, 2016 (0900 - 1600 hrs). The proposal was presented by Scientific Secretary Andrej Vincze. The requested IUVSTA grant was 4000 EUR. The proposed courses included the following topics - Optical microscopy, Scanning electron microscopy, Vacuum generation techniques, Vacuum measuring instruments and techniques, Transmission electron microscopy, Vacuum insulations techniques, Atomic force microscopy, Scanning tunneling microscopy, Surface analysis and characterization, Failure analysis, NDT techniques for system inspection and evaluation, Live coil imaging, Applications of lasers for synthesis of nano-materials, Thin film and coating techniques, Leaks and leak detection techniques, 3-D imaging and tomography, Applications of vacuum in electron microscopy.

The committee members found the proposal well prepared but topics were too broad. After discussing the proposal a unanimous decision was brought to support the action of the

Pakistani society, but the number topics should be shortened. According to the rules only Technical Training Courses or Short Courses (not “Technical Short Course”) could be granted. The committee members agreed that the proposal was a Technical Training Course rather than a Short Course. According to the IUVSTA rules the Technical Training Courses are supported by a grant of 2500 EUR. The committee members unanimously suggest the Executive council to support the Technical Training Course “Modern trends in microscopy” which will be organized by Pakistani vacuum society in May 2016.

6. Review paper

The Committee chair reported activities on preparation of a review paper which will be submitted to Thin Solid Films. After sending several reminders to Division chairs positive response was obtained from Giacomo Ceccone, Anouk Galtayries, Reinhard Horst Schwarz, Christian Teichert, Timo Gans, Ivan Petrov, Maria C. Asensio, Christoph Eisenmenger-Sittner and Jay Hendricks. There was no response from Bonnie Tyler. The Education Committee members suggested contact the vice-chair of the Division, Laszlo Kover. An email was sent to him and he replied immediately. Unfortunately he was facing serious health problems so he regretted not to be able to organize contribution of the Division to the review paper. The committee members agreed to prepare the paper without a contribution from Applied Surface Science Division.

7. Any other business – there was no discussion.

8. Closing Remarks & Adjournment

M. Mozetič adjourned the meeting at 10:35.

Minutes prepared by Miran Mozetic on 27th April 2016.