

Report

VSTD Meeting

Hotel Rixos Libertas, Dubrovnik, Croatia
Room Zephyros, June 4, 2012, 5 p.m.

Agenda

Report of the Chair
European Vacuum Conference 2014
IVC-19 Paris 2013
Future Activities
Other Business

Attendance

S. Suzer (TR), P. Hedbany (CZ), M. Wuest (CH, VSTD member), M. Vesely (SK), A. Csik (H), N. Radic (HR), M.G. Barthes (F), O. Malyshev (UK), E. Deulin (RU), K. Masek (CZ), L. Westerberg (S, VSTD vice chair), J. Colligon (UK), J. Setina (SLO), K. Jousten (D), J. Herbert (UK, VSTD secretary), M. Leisch (A, VSTD chair)

Report of the Chair:

The report started with the last EVC. September 20-24, 2010 EVC-11 was jointly held with 8th Iberian Vacuum meeting and 6th European Conference on hard coating in Salamanca, Spain. The program contains 5 plenary lectures and 80 oral presentations, 76 poster presentations, 200 participants, exhibition. Selected papers were published in Vacuum 2011 (40 manuscripts). As satellite meeting September 15-18, 2010 the IUVESTA Workshop #63 "Surface phenomena limiting pressure in vacuum systems" was held in Avila, Spain. 35 participants registered (5 cancellations in the week before!). 9 introductory talks, roughly 20 hour's discussion forum and new international cooperation's were established.

October 2010 VSTD chair started as guest editor editorial work for IVC-18 proceedings. In total more than 100 submissions were processed. Main problem was that invited reviewer did not respond or declined, this causes large delays. Elsevier's editorial system works almost perfect.

November 11, 2010 invitation of the VSTD chair to PRAGOVAC, exhibition and Symposium for producers and distributors in Praha, Czech Republic. More than 20 companies, mainly from Europe were present. A request for IUVESTA endorsement was made by VSTD chair and approved at ECM-111.

January 2011: Call from IVC Paris program chair F. Reniers for nomination to International Scientific Committees for IVC-19 in Paris.
Also call for suggestions for plenary and keynote speakers. The VSTD proposal was submitted beginning of March 2012 to IVC program chair.

February 2011: European VSTD representatives were asked to decide on the definitive date for EVC-12 in Dubrovnik, 2012. Two European Vacuum societies report on conflicts in the first week of June.

March 11-13, 2011 ECM-111 was held at Hamptons Hotel, Wepion, Belgium
There was reported that the preparations for IUVESTA workshop #64 "Practical Applications and Methods of Gas Dynamics for Vacuum Science and Technology" organized by Ch. Day, KIT, Germany are running successful.

May 16-19, 2011 at Leinsweiler Hof, close to Karlsruhe, Germany the IUVESTA workshop #64 "Practical Applications and Methods of Gas Dynamics for Vacuum Science and Technology" was

held. The workshop organized by Ch. Day, KIT, Germany was running very successful. About 60 people were present and the program gave an excellent overview and detailed reports on specific topics in the field of rarified gas dynamics. The individual presentations are available on the workshop webpage's. A highlight of the workshop was the presentation of the benchmark problem, solved by different groups using different mathematical methods. The workshop results additionally in the intention to issue a special journal in "Vacuum" on Rarified Gas Dynamics (F. Sharipov and O. Malyshev as coordinators).

EVC-12, Dubrovnik June 4 – 8, 2012: The preliminary webpages are already online. The VSTD has nominated the members for the committees (M.G. Barthes, J.L. Bersier, Joe Herbert, L. Westerberg, Martin Wuest).

September 9-11, 2011 ECM-112 was held Hotel Salinera, Strunjan, Slovenia

VSTD supported the IUVESTA workshop proposal from Spain

"Friction under controlled environments"

VENUE:

Ávila- Spain- Hotel Reina Isabel

DATE:

July 9-12, 2012

The workshop was approved WS # 66

2012 the VSTD chair continued as guest editor the editorial work for the IVC-18 proceedings. In the meantime the proceedings are finished and published since 8 February 2012 as Vacuum Volume 86, 7(2012). In total 46 papers

March 2-4, 2012 ECM-113 was held in Holiday Inn UCF, Orlando, FL

Main issue were the preparations for IVC-19 in Paris.

March 30, 2012 for EVC-12, Dubrovnik June 4 – 8, 2012: The IPC meeting of the JVC-14/EVC-12/AMDVG-11/CroSloVM-19 conference was held in Zagreb. Twelve members of the International Committees attended.

European Vacuum Conference 2014

July 2011 the VSTD chair launched a first call for bids to host the 13th European Vacuum Conference in 2014. January 2012 a reminder call for bids to host EVC-13 was sent.

Two bids have been received from Austria and Portugal. The proposals were sent to all European VSTD representatives. There was a clear vote (65 %) for the proposal from Portugal

EVC-13 shall be held June 22-27, 2014 at University of Aveiro, Portugal jointly with Iberian Vacuum Meeting and European Topical Conference on Hard Coatings.

IVC 19 Paris 2013:

The members of the Vacuum Science and Technology international scientific committees of the IVC-19 conference, which will be jointly organized with ICN+T, ICSS, ITFPC, MIATEC, CIP and RSD and will be held in September 2013 in Paris (France):

HENDRICKS Jay (USA), Chair

BERSIER Jean-Louis (F), Vice-Chair

BOHATKA Sándor (H)

HEDBAVNY Pavel (CZ)

HERBERT Joe (UK)

LEISCH Manfred (A)

ORLANDO Teodoro M.N.D. (P)

SETINA Janez (SL)

WUEST Martin (CH)

With respect to IVC-18 in Beijing no other specific topics were proposed

Future Activities:

VSTD received two proposals:

a.) Proposal for IUVESTA school “Vacuum gas dynamics”

The main topics of the school shall be as follows:

1. Main concepts and terminology of rarefied gas dynamics
2. State of art of modern gas dynamics
3. Methods of numerical and analytical modelling of gas dynamics processes in vacuum chambers, from a simple geometry to complex large vacuum systems such as particle accelerators.
4. Experimental methods of rarefied gas dynamics

The school shall be organized by F. Sharipov and O. Malyshev.

b.) Proposal of Indian Vacuum Society for Workshop „UHV techniques for large volume devices“ at the Indian Institute for Plasma Research Bhat Ganhinargar. This was forwarded to STD and a change to an IUVESTA school was recommended.

Both proposals shall prepare for the next ECM in Bratislava in September 2012.

Other Business:

John Colligon suggested that in the case when several conference series were jointly organised like EVC-12 with JVC-14/AMDVG-11/CroSloVM-19 a common title like «European Vacuum Symposium» without numbering only with the year shall be applied.

The meeting was closed 6:15 p.m.

M. Leisch (VSTD chair)