

Minutes of the IUVSTA STD meeting
ECM 127
JPark Island Resort, Lapu-Lapu, Cebu, The Philippines
Saturday February 10, 2018

1. Opening

The STD Director David Ruzic opened the meeting at 14:30. According to the Agenda, a short welcome was followed by the attendance, in the attachment. Note: vote are present by the STD Director, Scientific Secretary, Education Chair, Miran Mozetic and the 9 division chairs, from which 5 are present in the room, so 8 votes are possible.

2. Attendance

Members: David Ruzic – STD Director, Andrej Vincze – Sci. Secretary, Leszek Markowski – ASSD chair, Anouk Galtayries – BID member, Deborah O`Connell – PSTD chair, Fumio Komori – SSD vice chair, Jay Hendricks – VSTD chair, and Miran Mozetic – Education Committee chair.

Observers: Anton Stampfl, Katsuyuki Fukutami, Ulf Karlsson, Timo Gans, Par Omling, Stanislav Novak, Ute Bergner, Lars Montelius, Christoph Eisenmenger-Sittner (Sec. General), , Francois Reniers, Timo Gans, Magdaleno R. Vasquez, Christian Mahinay, Yongmin Kim, Satoshi Hamaguchi.

3. Agenda

The agenda was adopted as proposed.

4. Approval of minutes

The Minutes from the meeting of the STD meeting held in Sofia, Bulgaria during the ECM 126 were posted to the IUVSTA web, no remarks or comments have been received. The minutes are confirmed and the members voted in favour.

5. Divisional reports

APSSD, Leszek Markowski, - Chair

A) Past events

1. 10-th Symposium on Vacuum based Science and Technology, November 28-30, 2017, in Kołobrzeg, Poland attended by 80 participants, including 7 invited speakers. During five sessions there were 7 invited lectures, 24 oral presentations and 21 posters. The industry exhibition attracted 10 companies offering their products. During the Clausius Session, 2 lectures on modern science and technology attracted audience of 150 pupils and students from the region. Two IUVSTA Officers were presented their talk as invited speakers (prof. Joseph E. Greene and prof. Ivan Petrov). Also during Symposium a short presentation of IUVSTA has been given by prof. Anouk Galtayries-- IUVSTA President-elect. Further details on

2. Twentieth International Summer School on Vacuum, Electron and Ion Technologies (VEIT 2017), 25 – 29 September 2017, Sozopol, Bulgaria was the 20th in a series of events organized with the aim to act as a forum for interchange and dissemination of knowledge and ideas on the latest developments in electron-, ion- and plasma assisted technologies. The scientific program included 3 tutorial topic reviews, 4 topic lectures and 25 progress reports. Contributed papers were presented mainly in 3 poster sessions and 12 oral presentations. VEIT 2017 was jointly organised by: Institute of Electronics, Bulgarian Academy of Sciences, Sofia, Bulgaria Dutch Institute for Fundamental Energy Research (DIFFER), Eindhoven, The Netherlands.

B) Forthcoming events

1. The ASSD co-support **85th IUVSTA Workshop** entitled "Nanoporous materials for green energy conversion and storage". The workshop will be held at **Schloss Seggau near Leibnitz, Austria between October 14 th – October 19 th 2018**. The workshop is to address issues and challenges regarding the implementation of nanoporous materials, such as activated carbons, metal-organic frameworks, polymers of intrinsic microporosity and novel composites, for energy conversion and storage purposes combined with a minimal carbon footprint for the environment.

2. The ASSD co-support (together with Nanometer Structures, Thin Films and Surface Science divisions) the **86th IUVESTA Workshop** “Nanoscale Oxides systems in Physics and Chemistry” which will be held in **Ávila, Spain (July 1-5, 2018)**.

3. The Applied Surface Science Division decided to submit a **proposal of the 9th International Workshop on Surface Physics - Nanostructured surfaces, IWSP-2019**. The idea is to provide an overview of the current state of research in this field, report the latest achievements, show perspectives and discuss the most probable paths of progress of nanoscience. The workshop will be held between 24-28.06 or 08-12.07.2019 (Monday-Friday) , i.e. a week before or just after IVC21. If the workshop will be approved during a request to the IVC21 organisers will be send, asking them to allow the workshop to be a accompanying conference. The conference will be organized by the Institute of Experimental Physics, University of Wroclaw, Poland, under the auspices of the Polish Vacuum Society. As yet Nanometer Structure Division declared their co-supporting.

BID, Anouk Galtayries, division representative

Activities of the BI division concerned:

- Cost proposal under revision
- Elaboration of a second draft for a Workshop proposal
- Organization of the Biointerfaces session at RIVA-X
- Other activities.

1) COST proposal:

- The cost proposal submitted during previous semester is still under revision. The outcome of the evaluation is expected for April 2018.

2) Second draft for a Workshop proposal.

- The BID has been working through its vice-chair Giacomo Ceccone in the preparation of a proposal for an IUVESTA WORKSHOP. It concerns the preparation of biological samples for their observation/analysis using vacuum equipment. It will be chaired by Paulina Rakowska (NPL, UK) and take place in Poland. NPL will undertake all potential financial losses. Expected date for celebration (2019).

3) The chair of BID is pushing forward for a strong Biointerfaces session in a forthcoming ICTF, that could take place jointly with a RIVA conference in Burgos, Spain, in early October 2020. Aside the conference session, a course proposal on “surface bioengineering” is foreseen.

4) BID has contributed to proposing names of potential invited/keynote lecturers for the next IVC. Expressed in favor for endorsement of 10th Jubilee Conference of the Balkan Physical Union (BPU10).

EMPD, on behalf of Ivana Capan, from the sent report Andrej Vincze

Regular email exchange, mostly on IUVESTA endorsement requests. Lot of comments are recieved, which were then sent to the IUVESTA Scientific Secretary.

Activities related to invited/plenary spekaers for the conference in Sweden, IVC-21.

NSD, on behalf of Ana Silva from the sent report Andrej Vincze

IUVESTA Workshops and Schools

84th IUVESTA Workshop on “Surface Micro-Spectroscopy and Spectro-Microscopy: Nano-Characterization of Electronic Interfaces and Related Transport Phenomena”, September 2-5 September 2018, chaired by Sidney Cohen and Hagai Cohen from Weizmann Institute, Rehovot, Israel:

- The initial invited speakers have been secured for the workshop.

- Together with the conference unit at the Weizmann Institute, the local arrangements have been made.

- Official website is open <http://www.weizmann.ac.il/conferences/SMSEP2018/>

- Abstract Submission deadline May 10, 2018

- Early-bird Registration deadline July 1, 2018

17th IUVESTA SCHOOL on “Nano-Optics”, 18-22 February, 2019, proposed by Ana G Silva, International Iberian Nanotechnology Laboratory (INL), Braga, Portugal:

- Deadline for all members of NSD division to suggest potential invited lectures: 15th January 2018

- Official website have been prepared and will open soon.

CONFERENCES / WORKSHOPS

ICN+T July 22-27, 2018 with IUVESTA-NSD as co-organizer

ICN+T 2018. ICNT 2018, Brno, Czech Republic <http://icnt2018.org/abstract-submission.htm#top>

- Suggestions for potential invited and keynote speakers have been proposed to the main organizers. A confirmed list of invited speakers is already on webpage <http://icnt2018.org/speakers.htm#top>.

NSD Activities report to ECM 127

IVC-21, July 1st-5th, 2019

21st International Vacuum Congress, Malmö, Sweden <https://mkon.nu/IVC21>

- A ranked list with suggestions for invited and plenary speakers has been proposed by NSD together with the ICN+T Steering committee Co-chairs. The ranked list has been proposed jointly (NSD and ICN+T Steering committee co-chairs).

86th Workshop on “Nanoscale Oxides systems in Physics and Chemistry” July 1-5, 2018 in Ávila, Spain:

Suggestions for potential invited and keynote speakers have been proposed to the main organizers.

ENDORSEMENTS

- 10th Jubilee Conference of the Balkan Physical Union (BPU10) to be organized by the Union of Physicists in Bulgaria, August 26-30, 2018.

- 9th International Workshop on Surface Physics – Nanostructured surfaces, IWSP, July 2019, proposed date one week before or after IVC-21, July 2019, to be organized by Polish Vacuum Society and proposed by the Chair of Applied Surface Science Division ASSD, Leszek Markowsky.

Ana G Silva, Christian Teichert and Sidney Cohen,

Officers of NSD for the triennium 2016-2019

15th January 2018

PSTD, Deborah O`Connell, division chair

Satoshi Hamaguchi, Osaka University, has organizing an IUVESTA funded workshop on *Plasma-based Atomic Layer Processes*, in December 2017, in Okinawa, Japan. The workshop was a big success and Satoshi will present a report later during the STD schedule.

The 20th Israeli Plasma Science and Technology Applications (IPSTA) was held in January 2018. Asher Yahalom until recently was chair of this conference (he is also vice chair of the IUVESTA PST Division) and is attending this ECM. Gilad Marcus from the Hebrew University has now taken over as chair of IPSTA.

The PST Division supports the 83rd IUVESTA workshop on “New Horizons in Boron-Containing Coatings: Modelling, Synthesis and Applications”, which will be held in Vadstena, Sweden, from 2 – 6 September 2018. Organisers are Johanna Rosen, Jens Birch - Linköping University & Ivan Petrov, Joe Greene - University of Illinois.

The PST Division supports the 85th IUVESTA workshop on the “Nanoporous Materials for Green Energy Conversion and Storage”, which will be held at Schloss Seggau Castle near Graz, Austria, from 14 – 19 October 2018. Organisers are Christian Mitterer (Montanuniversität Leoben, Austria), Biljana Babic (University of Belgrade, Serbia), Nikolaos Kostoglou (Montanuniversität Leoben, Austria), Claus Rebholz (University of Cyprus, Nicosia, Cyprus).

A short course proposed by Miran Mozetič on ‘Recent advances in plasma techniques for tailoring surfaces and thin films’ at the CESPC 2019 – 8th Central-European Symposium on Plasma Chemistry, Kranjska gora, Slovenia, Tuesday 3rd – Friday 6th September 2019 has been provisionally approved.

The Division provided input into invited speakers for IVC-21, and in association with Ivan Maximov (PST Sweden representative), the list is now finalised.

The Division have been asked to provide input into the highlights seminar presentation and the associated publication at ECM-128 in Sydney, Australia on August 13th 2018.

SED on behalf of Ivan Petrov from the sent report Andrej Vincze

1. Organization of two IUVESTA workshops under way:

- **83rd workshop** “New Horizons in Boron-Containing Coatings: Modeling, Synthesis, and Characterization” will take place in Vadstena, Sweden, September 2-6, 2018
- **85th workshop** on the “Nanoporous Materials for Green Energy Conversion and Storage” will be held at Schloss Seggau Castle near Graz, Austria, from 14 – 19 October 2018

2. The **program for IVC21** is being prepared – see appendix The traditional IUVESTA SE and TF division programs are put together in a cluster with two new sections Organic Materials and Materials for Energy Storage; the latter two are lead by Swedish Chairs. *Suggestions for invited speakers are encouraged, diverse in geography, gender, age; write to petrov@illinois.edu*

3. The SED presentation for the highlight seminar is being prepared.

- *Suggestions SE highlights solicited; write to petrov@illinois.edu*

4. SED support for three IUVESTA endorsed conferences

- Taiwan Association for Coating and Thin Film Technology - TACT 2017, in Hualien, Taiwan, Oct. 15-18, 2017
- 11th Asian-European International Conference on Plasma Surface Engineering, AEPSE2017 in Jeju island, Republic of Korea, Sept. 11- 15, 2017
- 9th International Conference on Technological Advances of Thin Films & Surface Coatings (ThinFilms2018) Shenzhen, China, 17 - 20 July 2018

SSD, Fumio Komori, division vice chair

The SSD has developed a very intense activity during these last six months contributing substantially to the organization of several scientific events, most of them to be held during 2018 and 2019. Effectively, this year the division will play an important role in international conferences where classical techniques and approaches typically associated to surface science studies are now used to characterize complex low dimensional materials for electronics, innovative coating, advanced catalytic extreme surface processes and energy harvesting materials among others.

In particular, a member of the SSD will present one of the plenary talks of the IVC15 in Geneva, (www.evs15.org). As its title indicates « Chemical and electronic imaging of energy and electronics materials important for basic science and industrial applications », the talk will present the first results of powerful techniques of nanoscopy for the characterization of smart materials. This event expecting an assistance of 250-300 persons, with around 140 oral contributions and over 100 posters, will congregate academic and industrial participants. In addition, a poster representing the activity of the SSD is also being prepared to contribute to the activities organized to celebrate the 60 anniversary of the IUVESTA in Geneva.

The SSD is also participating in the organization of the ECOSS 34, to be held in Aarhus, Denmark, from 26th-31st August 2018, (www.ECOSS2018.org). ECOSS 34 as usually does will cover a broad range of surface science disciplines including heterogeneous catalysis, 2D materials, organic molecules and molecular architectures on surfaces, oxides, magnetic and ultrafast surface science and more. The plenary speakers have been already designed, including: Ulrike Diebold, Roman Fasel, Katharina Franke, Jinfeng Jia, Anders Nilsson, and Jens Nørskov.

The SSD is also committed with the organization of the IUVESTA Highlight Seminar to be held together with VASSCAA-9 conference from 13 to 16 August 2018, in Sidney, Australia, (<http://www.ansto.gov.au/Events/9thVacuumandSurfaceScienceConferenceofAsiaandAustralia/index.htm>).

Finally, the SSD members are working in close contact with the organizers of the IVC-2019 to be organized in Malmö, Sweden, next year in order to ensure a valuable scientific contribution from the division to this event.

TFD, Andrej Vincze on behalf of D. Depla

1. Workshops

The TFD have received several requests to endorse workshops suggestion in the framework of another division. Some comments were sent to the Scientific-Secretary Andrej Vincze. We refer for more details on these workshops to the reports of the other involved divisions.

2. ICTF-18

The selection procedure for the venue of ICTF-18, to be organized in 2020, has been initiated. Below a short description of bids received before the deadline, in order of arrival, is given. A full overview will be made by the secretary of the TFD which will be submitted to the TFD members together with the information provided by the bidding societies.

1. Spanish Vacuum Society (email send by Norbert Esser)

The Spanish Vacuum Society proposes to organize ICTF 2020 in Burgos (Spain) in September 28 - October 2, 2020. The conference chair will be Prof. Francisco Yubero.

2. German Vacuum Society (email send by Norbert Esser)

The German Vacuum Society proposes to organize ICTF 2020 in Berlin (Germany) in September 2020 (no specific data given). The conference chair will be Prof. Norbert Esser.

3. Hungarian Vacuum Society (email send by Jozsef Gyula).

The Hungarian Vacuum Society proposes to organize ICTF 2020 in Budapest (Hungary) from June 14 –18, 2020. The conference chair will be Prof. Jozsef Gyula.

4. French Vacuum Society (email send by Anouk Galtayries).

The SFV proposes to organize ICTF 2020 in Biarritz (France) from 04 to 08 October 2020. The chair of the conference will be Prof. Jean-François Pierson.

VSTD, Jay Hendricks, division chair

This report covers the activities of VSTD that have occurred since ECM126, Sofia Bulgaria Sept 29th, -Oct 1st 2017.

The last six months have seen much activity with the final stages of EVC15 program planning being completed and the call for abstracts is now closed with over 270 having been received. EVC15 program will highlight a special session on IUVESTA turning 60 with an all invited session featuring **Joe Greene**, History of Materials Science since the Big Bang; **Anne L'Huillier**, Exploring Matter at Ultrashort Time Scales; **Cristoforo Benvenuti**, Getter Pumping for Accelerators ; and **Claude Nicollier** Working in vacuum - Extravehicular Activities around the ISS. The program had a successful abstract call with 153 oral talks (5 plenary, 10 invited) and 122 posters. The program planning for IVC21 is ramping up, with the formation of the vacuum science and technology division developing its committee, planning session calls and selection of invited speakers now being completed. The committee will also be looking for potential short course offerings that will accompany IVC21 that have a vacuum technology focus. A call is being made for any new and emerging technologies in VST to create new sessions and one in particular is being developed on the Quantum SI. The paper based on the last highlight seminar series with has passed the NIST review and is currently being reviewed by Joe Green, editor of Thin Solid Films. VST continues to call for and accept applications for workshops, schools, and technical training. For the current six-month period, no new applications were received. These workshops and schools offer a terrific opportunity for member nations to engage with IUVESTA and applications will continue to be sought. Our VST group continues to be active in ISO and national standards. Jay Hendricks was appointed to the AVS recommended practices committee for AVS. This give an opportunity to work across the ISO, ASTM and National Metrology Institute (NMI) standards. Recent activity has been that the document "Recommended Practice for Calibration of Gauges of Ionization Type", has been approved by the AVS board of directors for publication as an AVS Recommended Practice. The paper has been submitted to JVST for review.

EVC-15 Planning 2018 Meeting!

Abstracts are now CLOSED. Over 270 have been submitted!

(Swiss Bid Champions: Prof. Dr. Hans-Arno

Synal synal@phys.ethz.ch ; Martin.Wuest@inficon.com Mauro.Taborelli@cern.ch)

The members of the committee are:

Jörg Patscheider, EMPA, Dübendorf, Switzerland (chair)

Janez Setina, IMT, Ljubljana, Slovenia

Ulf Helmersson, Linköping University, Linköping, Sweden

Maria C. Asensio, SOLEIL, Gif-sur-Yvette, France



Jacek Szuber, Silesian University of Technology, Gliwice, Poland
 Diederik Depla, University Ghent, Ghent, Belgium
 Anouk Galtayries, IRCP-CNRS, Paris, France
 Andrej Vincze, International Laser Centre, Bratislava, Slovakia
 Paolo Chiggiato, CERN, Geneva, Switzerland
 Ana Gomes Silva, New University of Lisbon, Lisbon, Portugal
 Jay Hendricks, NIST, Gaithersburg, MD, USA

The Swiss Vacuum Society is organizing the 15th European Vacuum Conference in Geneva to be held 17-22 June 2018.

The EVC-15 web page can be found at www.evc15.org

Jörg has proposed the following as our kick off email: Items 1-4f have been completed.

1. We will have five plenary speakers and ten invited speakers as landmarks in the program. Plenary speakers will start the day with a 50 min presentation, invited speakers will be offered 40 minutes (incl. discussion).
2. Next year we will have IUVSTA's 60th birthday. Monday afternoon of the conference program will be devoted to a special session to appropriately celebrate this anniversary.
3. On Thursday afternoon we will have a visit to CERN, which will be followed by the conference dinner.
4. The important timelines for us as the Scientific Committee are the following ones:
 - a. March 10: propositions for plenary and invited speakers sent to me.
 - b. March 20: consensus reached on plenary and invited speakers
 - c. April 1st: Proposal for Plenary and Invited speakers available to the Organizers
 - d. May 1st: All proposed Plenary and Invited speakers have been contacted
 - e. Abstracts open: Now September 2017.
 - f. Dec. 15: Abstract deadline
 - g. March 1st, 2018: First sketch of program available and abstract notification to submitters

EVC 15 compares well with recent EVC meeting...here is the comparison:

	<u>EVC-15</u>	<u>EVC-14</u>	<u>EVC-13</u>
	<u>Geneva</u>	<u>Portoroz</u>	<u>Aveiro</u>
	<u>17-22 June 2018</u>	<u>5-10 June 2016</u>	<u>8-12 Sept 2014</u>
<u># Participants</u>	<u>275 (submitted abstracts)</u>	<u>180</u>	<u>274</u>
<u>Parallel Sessions</u>	<u>3</u>	<u>3</u>	<u>3</u>
<u>Plenaries</u>	<u>5</u>	<u>5</u>	<u>4</u>
<u>Invited Talks</u>	<u>10</u>	<u>20</u>	<u>22</u>
<u>Oral</u>	<u>138</u>	<u>99</u>	<u>82</u>

<u>Posters</u>	<u>122</u>	<u>53</u>	<u>?</u>
<u>Exhibitors</u>	<u>28</u>	<u>15</u>	<u>11</u>

Early Planning for EVC16. As discussed at the ECM126 in Sofia Bulgaria it was discussed whether the next EVC occur in the year 2020 (the normal 2 year interval) or if it should it skip a year and be held in 2021. It was decided that the advantage of having the next meeting held in 2021 was that it will be spaced in time 2 years from the IVC meeting in 2019 (in the same Europe region). A 2021 meeting for the next EVC would also help with the clash with JVC which is currently on the identical 2 year cycle.

Outcome: a vote was held among the participants of ECM126 and by show of hands it was unanimous that the next EVC meeting should be held in 2021. In February of 2018, the chair will poll community for early interest in planning EVC16 which will occur in 2021.

IVC21 Planning

A call went out to the VSTD division delegates for the formation of a “External Program Committee for IVC21 VSTD”. The following members have agreed to serve and several others are expected.

Martin Wuest, Swiss Vacuum Society	Martin.Wuest@inficon.com
Joe Herbert, UK	joe.herbert@stfc.ac.uk
Jean Louis Bersier, France	jeanlouis.bersier@iter.org
Per Eklund	per.eklund@liu.se
Marcelo Ferreira	Marcelo.JuniFerreira@esss.se
Ute Bergner, Germany	Ute.Bergner@vacom.de
James Fedchak, USA	James.Fedchak@nistgov
Chong-Do Park, Korea	cdp@postech.ac.kr
Maximo Lopez Cinvestav, Mexico	lopez@fis.cinvestav.mx

VST Workshops, Schools and Technical Training...currently soliciting for new proposals.

ISOTC112 Liaisons Activities: Since IUVSTA has the opportunity to give Liaison status to IUVSTA members an ISO TC112 subcommittee has been organized by VSTD. Karl Jousten has been able to provide access to documents that have come before the committee.

VSTD ISO TC 112 sub-committee

- Karl Jousten, Germany
- Martin Wüest, Switzerland
- Janez Šetina, Slovenia
- Marcelo Juni Ferreira, Brazil
- Jay Hendricks, USA

Highlight Seminar Paper

Miran Mozetic has delivered to NIST a combined manuscript. This manuscript underwent extensive NIST review at NIST. It was submitted to Thin Films and the result is that additional editing need to be completed to be accepted. NIST is now working with the Authors to have this completed in the next 2 weeks.

6. Proposals of Workshops and School, approval

The STD director D. Ruzic shortly introduced the current situation (already decided) of the WS and Schools, as they appear in the IUVSTA web.

One new proposal, which was delivered to the Scientific Secretary was introduced to the STD. The proposal was suggested to present and then vote in one round with secret ballots.

The WS proposal to be held in Trebnica, Poland with a title "International Workshop on Surface Physics - Nanostructured surfaces", IWSP-2019 to be held in 24-28.06 or 08-12.07.2019 as in conjunction with IVC-21 was presented by L. Markowski. After the presentation the STD members and other observers asked about WS details, history, financing and information about the costs of the accommodation in the conference place, scientific program, number of participants and also the financial budget was shown and explained by L. Markowski. With respect to the name of the conference, L. Markowski explained the title of the WS. The WS proposal requests 6000 eur IUVSTA support.

The voting was conducted by secret ballot, 5 division representatives and the Educational committee chair and the STD director and Scientific Secretary have votes (8 votes in total).

The ballots were counted by the STD Director and STD Scientific Secretary, and the result is the following:

WS in Trebnica, Poland

6 supportive, 1 against and 1 abstain vote

Regarding the reporting to be done after a workshop, a new system with an online form was suggested, the IUVSTA president will suggest the questions to be answered, and should be done with the reports too. To help with this, a model scientific report will be distributed as an example. It will be from a WS in 2008, on HIPMIS written by J. Colligon.

7. TTC proposals, since the proposal for short course from Pakistan and also the proposal from Slovenia for the short course was not approved by the Education committee, the STD will not discuss them. Both can be resubmitted with the changes discussed.

8. Reports on the WS and Schools held before the ECM127, short report and presentation was given by Satoshi Hamagushi about the WS 82 held in Japan in dec 2017.

9. Endorsement requests

1 endorsement request was discussed shortly and accepted by the STD.

SHIM-ICACS 2018, Caen (France), 1-6 July 2018

10th International Symposium on Swift Heavy Ions in Matter (SHIM)

28th International Conference on Atomic Collisions in Solids (ICACS)

Accepted by the STD, and then after the ECM meeting will the organizers be informed. The Communication chair (I. Petrov) is allowed to use the information in the IUVSTA bulletin (news or flash news).

10. IUVSTA Highlight seminar

The next IUUVSTA highlight seminar will host after the ECM 128 in Australia. So far 3 divisions are agreed to do so. During the discussion the others will be contacted by Anton Stampfl, ECM 128 and VASSCAA with conjunction of Sci. sec.

11. Welch Award/Scholarship Proposal

The STD director sketches a possible way for the Welch award support, way of finances to get from the family to the successful winner. This award will be reorganized and hopefully be given in 2018, maybe also with the presence of the family member. It may also happen later on in year 2018, some other meetings are possible too.

The same item was discussed in more detail in the ASC, but still confusing questions, it is an award, will go directly to the winner, no insurance or another legal staff there.

How to advertise it, searching for the name:

Keywords as: International, Travel, Research, Scholarship, Young Scientists, however we need to describe in detail, what is meant by the young.

Discussed the way, how the candidate should be selected, what are the limiting factors,

12. Closing remarks

The chair D. Ruzic closed the STD 16.35 local time.

Motion to Adjourn

Recorded by A. Vincze, Scientific Secretary, February 11, 2018