

IUVSTA NEWS BULLETIN

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UNION INTERNATIONALE POUR LA SCIENCE, LA TECHNIQUE ET LES APPLICATIONS DU VIDE
INTERNATIONAL UNION FOR VACUUM SCIENCE, TECHNIQUE AND APPLICATIONS
INTERNATIONAL UNION FÜR VAKUUM FORSCHUNG, TECHNIK UND ANWENDUNG

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A member Scientific Associate of the International Council of Scientific Unions (ICSU)

President: Prof. Dr. Ugo Valbusa (Italy), Secretary General: Dr. Ron J. Reid (Great Britain), Treasurer: Dr. John Grant (USA)

This is the second IUVSTA News Bulletin of the triennium 2004-2007.

Second Message of president Ugo Valbusa

Seven months elapsed from the last ECM in Lanzarote and ECM-98 is coming soon. ECM-98 will follow the ECASIA Conference in Vienna and will be held in the beautiful village of Gumpoldskirchen. These seven months have been full of activities for the Union. **Cont. pg. 3.**

IUVSTA Activities

Executive Council Meeting ECM-97



The last [Executive Council Meeting ECM-97](#) was hosted by the Spanish Vacuum Society. It has been held in Hotel BEATRIZ, Playa Teguse, **Lanzarote**, Canarian Islands, Spain, 18-20 February 2005.

Satellite meeting on [Opportunities in Material Science: from Nano Objects to Complex Materials](#) was held in Madrid, Spain, 16-17 February 2005. The venue was Consejo Superior de Investigaciones Científicas, CSIC, Serrano 113.

The 9th European Vacuum Conference EVC-9, Paris

[The 9th European Vacuum Conference EVC-9](#), 5-7 April 2005, Paris, France, was held in conjunction with [Vide 2005](#), the Vacuum Exhibition which is annually organized by the Manufacturer Committee of the French Vacuum Society (SFV), and with the celebration of the 60th anniversary of the SFV.

A [short course](#) program was organized prior to the conference on Monday, April 4, 2005.



The 13th International Congress on Thin Films ICTF 13, and the 8th Atomically Controlled Surfaces Interfaces and Nanostructures ACSIN -8 Stockholm

In June, the 13th International Congress on Thin Films (ICTF 13) was held in Stockholm together with the 8th Atomically Controlled Surfaces Interfaces and Nanostructures ACSIN. The conference was in the Congress Centrum of the city of Stockholm, the same location where it will hold in 2007 IVC-ICSS.

Interesting article

The October 2005 issue of Physics World, (the Institute of Physics) published an article "Vacuum around the world" written by Ugo Valbusa, president of IUVSTA. The issue includes articles and case-studies covering the breadth of vacuum technology that physicists and engineers use for their work in both industry and academia.

More information could be finding on [IUVSTA web site](#) => IUVSTA Activities.

Future events

International Vacuum Congress IVC-17/ICSS-13

This 17th International Vacuum Congress IVC-17 and 13th International Conference on Solid State Surfaces ICSS-13 will be held in Stockholm, Sweden, 2-6 July, 2007. The local host is the Swedish Vacuum Society, which will work closely with the Finnish Vacuum Society to ensure the maximum exposure in the Baltic area. **More:** www.congrex.com/acsin8



International Vacuum Congress IVC-18

The IVC-18 will be held in Beijing, China in August, 2010. The local host is the Chinese Vacuum Society.

IUVSTA Scientific Workshops & Summer Schools

These high level scientific Workshops are being organized by our Scientific Divisions on specially selected topics. Click above to view the list of scientific Workshops currently being offered by the Divisions. Will you participate?

IUVSTA Events Schedule

Click here to see [the list of forthcoming conferences](#), meetings and workshops which are being organized, co-organized or endorsed by IUVSTA. Links to related society events are also given.

Miscellaneous

IUVSTA Divisions and Committee Chairs 2004 - 2007:

Division	Chair
Applied Surface Science	Monika Jenko
Electronic Materials and Properties	Gary McGuire
Nanometer Structures	Hans Joachim Güntherodt
Plasma Science and Technology	David Ruzic
Surface Engineering	William D. Sproul
Surface Science	Neal D. Shinn
Thin Film	Roger de Gryse
Vacuum Science and Technology	Neil T. Peacock

IUVSTA Divisions and Committee Chairs 2004 - 2007

Committee	Chair/Vice-chair	Secretary/Administrator
Awards and Scholarships	Dr. Masatoshi Ono/Prof. J. E. Greene	Prof. F. R. Shepherd
Congress Planning	Prof. M. Sancrotti	Prof. L. Westerberg
Education	Dr. László Kövér	Dr. D. E. Sykes
Finance	Dr. John T. Grant	
Long Range Planning	Dr. J. William Rogers	
Publications	Dr. Alain A. Roche	Dr. Robert Redhammer
Statutes	Dr. Ron Reid	Prof. R. de Gryse
European Representative	Prof. Marek Szymoński/ Prof. Dr. Matthias Wuttig	

Donation

IUVSTA has received a new donation from the Funai Electric Advanced Applied Technology Research Institute Inc. (FEAT). IUVSTA thanks the President of FEAT Dr. Tadashi Sasaki that contributed to increase the donation fund.

We encourage for donation to complete the donation plan for the IUVSTA prize in Technology.

The second message of President Ugo Valbusa (cont.)

I would like to address your attention to the series of IUVSTA Conferences held in this period; the first was the 9th European Vacuum Congress EVC 9 held in Paris in April, a traditional meeting for the scientist and engineers working in the area of vacuum science and technology. The meeting was held in conjunction with the Vacuum Exhibition Vide 2005 organised by the Manufacturer Committee of the French Vacuum Society (SFV), and with the celebration of the 60th anniversary of the SFV, one of the oldest vacuum society and a founder member of the Union.

In June, the 13th International Congress on Thin Films (ICTF 13) was held in Stockholm together with the 8th Atomically Controlled Surfaces Interfaces and Nanostructures ACSIN. The conference was in the Congress Centrum of the city of Stockholm, the same location where it will hold in 2007 IVC-ICSS. In July VASSCAA 3rd was organized in Singapore and in September in Berlin there was the annual symposium of the surface scientists ECOSS which is now at its 23rd edition. All these events, prepared and successfully organized by IUVSTA Divisions and by its member Societies show that IUVSTA plays a key role at the international level by bringing all different types of scientists, engineers and technologists together to discuss issues of common interest and promote the use and development of vacuum in science and technology.

In ECM 98 there will be a continuation of the discussion on the planning of IUVSTA workshops. I am expecting a large number of proposals from the Divisions and a planning for the Highlights seminar session which will be held at the ECM-100.

The educational activities are continuously monitored by the Educational Committee. In ECM 98 the committee will discuss educational programmes, how to build new contacts in non – member Countries and how support activities in member societies.

I am please to announce that the IUVSTA has received a new donation from the Funai Electric Advanced Applied Technology Research Institute Inc., (FEAT). I am very grateful to the President of FEAT Dr. Tadashi Sasaki that contributed to increase the donation fund.

The Iran Vacuum Society has requested to become part of IUVSTA. I have contacted the President, Prof. A.Z. Moshfegh, and I have invited him to attend ECM98 as observer.

The October 2005 issue of Physics World, the international magazine for members of the Institute of Physics, will include articles and case-studies covering the breadth of vacuum technology that physicists and engineers use for their work in both industry and academia. I contributed writing the article "Vacuum around the world". The paper describes the role of the International Union for Vacuum Science, Technique and Applications at the international level and illustrates its activities.

I am sure that there will be a large attendance at the ECM 98. The contribution and the collaboration of all councillors are extremely important to warranty the success of the actions that IUVSTA is preparing.

Ugo Valbusa
IUVSTA President

Forthcoming ECM's

Details of forthcoming Executive Council Meetings can be obtained by clicking [here](#). When available, these details include the agenda, schedule of committee meetings, travel advice and accommodation arrangements.

ECM-98 Vienna



The next [Executive Council Meeting ECM-98](#) will be hosted by Austrian Vacuum Society. It will be held near Vienna, 30 September - 02 October 2005 directly after ECASIA. The venue is the village of GUMPOLDSKIRCHEN, located approx. 20 km from Vienna. This can easily be reached from Vienna by local train or car (approx. 30 min travel time). The meeting location will be a Seminar center at the "Deutschordensstift Gumpoldskirchen", an old abbey transformed to serve as a Seminar-Center. The ECASIA-05 will take place from 25 - 30 September 2005 at the Vienna University of Technology.

The **ECM 99** will be hosted by American Vacuum Society. It will be held at San Diego, California, on 28th – 30th April, 2006 in association with the 2006 ICTMF meeting.

The **ECM-100** is still open for invitation by national vacuum societies.

Closing Comments

We welcome further ideas on what you would like to see in your Bulletin or how you would like to see it. You can contact the Editor, by e-mail at <mailto:robert.redhammer@stuba.sk>.

Bulletin was published on 27 September 2005.

Edited by Robert Redhammer; Slovak University of Technology, Bratislava, Slovak Republic.

Associate Editor: Prof. Ugo Valbusa, Alain-Andre Roche
