

IUVSTA NEWS BULLETIN

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

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No. 147, January - June 2000

NEWS [President's Message](#)

This is the fourth message from the current President, D. Phillip Woodruff.

NEWS **Editor's Message**

This new issue of the IUVSTA News Bulletin is almost on schedule. For next issue we plan to make a preview version where available articles can be read prior to final release.

NEWS [IUVSTA Activities](#)

Click here to obtain an overview of the activities of IUVSTA during the first six months of 2000, such as the ECM-85 meeting held in Namur, Belgium 31 March to 2 April, 2000.

NEWS [International Vacuum Congress IVC-15/ICSS-11](#)

The 15th International Vacuum Congress (IVC-15)/11th International Conference on Solid Surfaces (ICSS-11) will be held in conjunction with the 48th American Vacuum Society International symposium on October 26 - November 2, 2001 in the Moscone Center in San Francisco, CA, USA. Information on the IVC/ICSS series is found at <http://www.iuvsta.org/ivc.html>

NEWS **International Vacuum Congress IVC-16/ICSS-12**

This congress will be held in Venice, Italy, 28 June - 2 July, 2004.

NEWS [IUVSTA Scientific Workshops & Summer School](#)

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

NEWS [IUVSTA Events Schedule](#)

Click here to see the list of forthcoming conferences, meetings and workshops which are being organized, co-organized or sponsored by IUVSTA. Links to broader Diaries of other related organizations are also given.

NEWS Forthcoming ECM's

Details of forthcoming Executive Council Meetings can be obtained by clicking here. These details include the agenda, program of committee meetings, travel advice and accommodation arrangements.

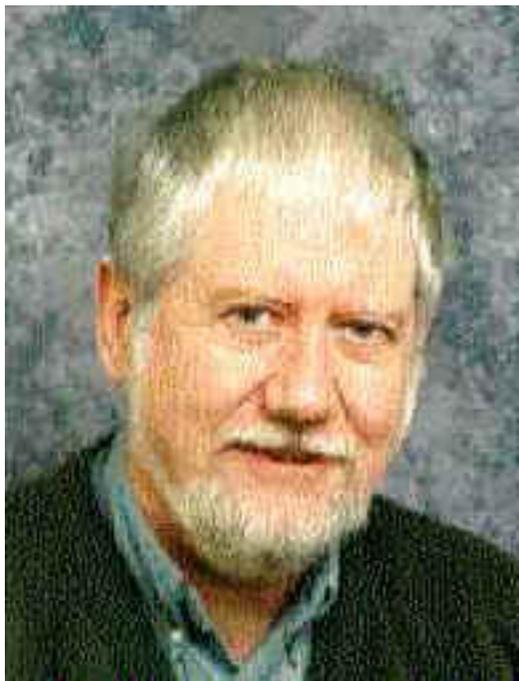
NEWS Closing Comments

We welcome further ideas on what you would like to see in your Bulletin. You can contact the Editor, Lars Westerberg, by e-mail at westerberg@tsl.uu.se



[IUVSTA Home Page](#)

President's Message



D. Phillip Woodruff
President - IUVSTA
(1998-2001) Triennium

Dear Colleagues,

Although we are now in the middle of the current (1998-2001) triennium and my term of office as president, I am struck how many of the Divisional Committee members and executive Counsellors are still unaware of many of the aspects of the workings of the Union and their role in its operation. This is a long-standing problem, and one for which the officers must bear some of the blame. All of these individuals are nominated by their national vacuum societies to serve terms of one or two triennia (i.e. up to 6 years), yet the Executive Council meets only twice a year, and many members find it difficult to attend all of these meetings due to constraints on their time and their travel budgets, so the number of occasions on which Councilors and Divisional Representatives actual meet to discuss IUVSTA affairs may be small.

In an attempt to address this problem a Procedures Manual was initiated some years ago, and during the present triennium this is continuing to develop, especially through the efforts of Bill Westwood, our Secretary General. To improve accessibility it is now posted on the IUVSTA web site (which has now gained the more obvious URL of www.iuvsta.org). The idea of the Procedures Manual is to summarize the actual practice of the operation of the Union - what is the role of the different officers, what is the procedure for electing Divisional Committee members or applying for endorsement of a conference, or even putting together a bid to host the triennial International Vacuum Congress. The object is to go beyond the strict rules of the Statutes and explain who does what, and when (and perhaps even why!). There is still a lot of scope for improvement and expansion of this manual, but it is already a valuable document to help new active members of the IUVSTA Executive Council and its Committees and Scientific Divisions to understand their role and the opportunities they have to influence events of organize IUVSTA-sponsored scientific activities. Of course, completeness leads to a large document, but relatively small sections are of primary relevance to new members. One of the advantages of presenting the material on the web site is that one can easily access individual parts of the manual; currently the manual is available as a .pdf file but with a convenient index integrated into the file.

In the future I think it will be important to find a convenient mechanism for ensuring that the most relevant sections are automatically provided to IUVSTA representatives at the start of each triennium. In this way I hope that new (and old!) members will feel better informed and more able to play a positive

role from early in their period of office. Getting the right information to people is a constant problem in any organization, and especially one with the huge geographical spread and (necessarily) infrequent meetings of IUVSTA. It is also important that one is not deluged with information, which actually leads to none of it being read. Electronic communication and the Internet certainly make the distribution of information easier, but the quality (and proper quantity) of the information still depends on individuals, and there are clearly still ways in which we can help to ensure that IUVSTA functions with well-informed representatives.

D.Phillip Woodruff
September 2000

<u>Bulletin Contents</u>	<u>IUVSTA Home Page</u>
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• IUVSTA Activities •

January-June, 2000

The Executive Council meeting, ECM-85 was held in Namur, Belgium, March 31-April 2. It was hosted by the Belgian Vacuum Society and was very enjoyable; Jean-Jacques Pireaux did an excellent job on all the arrangements in some very difficult personal circumstances. He organized a special history session on the Saturday afternoon to commemorate the beginnings of IUVSTA at a meeting in Namur.

The Division Program Committees for IVC-14 in San Francisco, October 29-November 2, 2001 met in Namur on April 1 to determine session topics and invited speakers.

Elsevier again committed to provide funding to support student participation in conferences. For 2000, the Elsevier Student Awards will support attendance at ECOSS-19 in Madrid.

IUVSTA procedures were made available as pdf files through the web site.

[Bulletin Contents](#)

[IUVSTA Home Page](#)

Obituary: Dr. Hermann Adam

Dr. Hermann ADAM died unexpectedly on May 24, 1996 in his long-time vacation place on the southern English coast. He was 88 years old.

Hermann ADAM was born in Vienna on September 3, 1908. He studied at Vienna University under H THIRRING, where he graduated with a Ph.D. in physics in 1939. In the following years he worked at Siemens Röhrenlaboratorium in Berlin on thyratrons and related vacuum technology where he became in 1942 Head of the Gas Discharge Lab, devoted to research of the physical basis of discharges at low pressures. During the war, the lab was moved to Vienna, but was not reopened after the end of the war.

Following a request by British authorities in Germany in 1948, he worked at a British company in development and production of mercury discharge lamps, before he finally settled down at E. Leybold's Nachfolger in Cologne, 1960, where he stayed until his retirement in 1973 and then consulting until 1991. Within a few months he became there Head of the Scientific and Bibliographic Department, starting an interesting career and creating a world-wide reputation in the permanently broadening field of vacuum science and technology.

Hermann ADAM's numerous activities peaked, among others, when he organized the 3rd International Vacuum Congress (Stuttgart, 1965). He had been chairman of the Deutsche Arbeitsgemeinschaft für Vakuumtechnik, the former German Vacuum Society, for six years, had served for many years as Councillor of that society to IUVSTA, assisting very efficiently in many issues of the Union, like in the Visual Aids program. He was also very active in promoting standardisation of vacuum components. Further-more, he has to be mentioned in this context as the driving force behind the journal Vakuumtechnik published by Rudolf A. Lang Verlag, for which he had worked as editor for several years.

His masterpiece was the publication of "Theorie und Praxis der Vakuumtechnik" (authors: WUTZ, ADAM, and WALCHER), based on its first edition by M. WUTZ in 1965, which Hermann ADAM edited together with W. WALCHER, leading to several editions in German and one in English. Just several weeks before he passed away he submitted the material for the new (the 6th) edition to the publisher.

One of the mysteries of Hermann ADAM was that, although he worked very hard all the time, he never refused to deal with new tasks - always in a friendly, very humane and often humorous manner. IUVSTA and all its member societies mourn the passing away of one of their key figures during the first years, a permanent and successful supporter of their activities until these days, recognizing that the scientific community of vacuum science, technique and applications has lost a brilliant member supplying valuable and ingenious contributions to their activities.

Rudolf Dobrozemsky

Vienna, Austria

[Bulletin Contents](#)

[IUVSTA Home Page](#)

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[Bulletin Contents](#)

[IUVSTA Home Page](#)
