

**Curriculum Vitae of Nominated Officers****President of IUVSTA for 1998-2001 Triennium****PROFESSOR D PHILLIP WOODRUFF (Great Britain)**

Professor D. Phillip Woodruff was born near Manchester, UK in 1944, and received his Physics degrees from the Universities of Bristol (B.Sc. 1965) and Warwick (Ph.D.-1968, D.Sc.-1983). He first joined the academic staff of the Physics Department of the University of Warwick as a lecturer in 1969 and was subsequently promoted to a senior lectureship, and then to a personal Professorship in 1988.

Throughout this period he has pursued research interests in the general field of well-characterised surfaces with a particular emphasis on the development and application of techniques for the quantitative determination of adsorbate structures, and in the use of synchrotron radiation methods. He has held visiting research positions at A.T. & T. Bell Laboratories (New Jersey, USA) and the Fritz Haber Institute (Berlin Germany) and has performed experiments at synchrotron radiation facilities in Madison, Wisconsin; Brookhaven, New York; Berkeley, California; Orsay, France; Grenoble, France; Berlin, Germany as well as in the UK. He has published 2 authored books, 9 edited books and more than 270 original papers in these research fields. He is a former Chairman of the British Vacuum Council and first served in IUVSTA as UK national councillor and Vice Chairman of the Surface Science Division during 1986-89. During the 1989 triennium he was a Surface Science Division committee member and the Scientific Secretary (and latterly acting Scientific Director) of IUVSTA, and was Scientific Director during the 1992-5 triennium. During 1995-98 he has served as President-Elect and also as General Chairman of the 14th International Vacuum Congress of IUVSTA.

**Executive Council Nomination for President-elect:****DR MARIE-GENEVIÈVE BARTHÉS-LABROUSSE (France)**

Dr Marie-Geneviève Barthés-Labrousse was born near Lyon, France and received her degrees from the University of Paris (Doctorat en Métallurgie 1978, Doctorat es Sciences 1981). Since 1979 she has been a member of the academic staff of the National Centre for Scientific Research (CNRS). Her research efforts were first devoted to the study of growth modes and properties of ultrathin films at the Laboratoire de Physico-Chimie des Surfaces. In 1987 she joined the Centre d'Études de Chimie Métallurgique as leader of the Surface Reactivity Group and was promoted to Research Director in 1992. Her research interests are in the field of surface characterisation, surface reactivity and ultrathin films. At the present time she is more specially interested in adhesion processes, including characterisation of chemical bonding at interfaces. She has published approximately 50 scientific papers. She has been Secretary General (1995-1997) and is presently the President-elect of the French Vacuum Society. She has served in IUVSTA as member of the Applied Surface Science Divisional Committee for the 1992-1995 and 1995-1998 triennia and as Scientific Secretary since 1995.

**Past President:****PROFESSOR JOHN L. ROBINS (Australia)**

Professor John L. Robins was born in Perth, Australia in 1935. He obtained a BSc with 1st Class Honours in Physics (1957) and a PhD (1962) from The University of Western Australia. He held research appointments with the National Research Council in Canada and Cornell University in the USA before returning to Australia as a Queen Elizabeth II Fellow in 1966. Since 1968 he has been a member of the academic staff of The University of Western Australia and is currently also a Visiting Professor at the Curtin University of Technology and an Adjunct Professor at Murdoch University, both in Australia. Periods of study leave have been spent at Cambridge University and the University of York in England, the National Bureau of Standards (now NIST) in the USA and Shizuoka University in Japan. His research interests have centred around Vacuum Science, Thin Films, Surface Physics and Materials Science. He has published approximately 55 scientific articles including three book chapters. He was the Australasian Editor for the journal "Vacuum" from 1982 to 1994 and is currently on the Editorial Advisory Boards of "Vacuum" and "Progress in Surface Science". He is a Fellow of the Institute of Physics (London), a Fellow of the Australian Institute of Physics and a Foundation Member of the Vacuum Society of Australia. He has served IUVSTA (The International Union for Vacuum Science, Technique and Applications) as Recording Secretary (1980-83), as a Welch Scholarship Trustee (1986-1989), as IUVSTA Councillor and Alternate Councillor for Australia for various terms, and as President-Elect from 1992 to 1995. He is currently completing a three year term (1995-1998) as President of IUVSTA.

**Incoming President's Nomination for Secretary General:****DR W. D. (Bill) WESTWOOD (Canada)**

Bill Westwood earned a B.Sc and Ph.D. in physics from the University of Aberdeen in Scotland. Apart from 3 years (1965-68) teaching at Flinders University in Australia, he spent his career at a telecommunications research lab in Ottawa, Canada, which was called at various times Northern Electric, Bell Northern Research, Northern Telecom and Nortel Technology. He retired at the end of 1996 and is now a consultant with Think Films in Ottawa. During his career, he managed groups developing devices for telecommunications systems and introducing them into production; latterly, this involved optoelectronic devices and GaAs integrated circuits for high speed fibre communications. He started to use sputtering in 1963 for the deposition of films for telecommunications products and has been involved throughout his career in using sputtering for magnetic, semiconductor and optical applications. He was awarded a D.Sc. in 1986 by the University of Aberdeen for his research on thin films and has published a number of papers on these topics as well as review articles on sputtering and co-authored and edited books on thin films and sputtering. He served on the board of the American Vacuum Society for 4 years as a director and from 1983 to 1996 as secretary. He was program chair for several conferences, including the AVS National Symposium and Sputtering Symposia and has been a short course instructor on sputter deposition for more than 20 years. In 1997, he was appointed an Honorary Member of AVS. His main involvement with IUVSTA has been as Administrator of the Welch Scholarship since 1986.

**Incoming President's Nomination for Scientific Director:  
PROFESSOR UGO VALBUSA (Italy)**

Professor Ugo Valbusa was born in Genova, Italy, on February 1947. In 1970 at the University of Genova, Italy, he obtained the laurea di Dottore in Fisica under the supervision of G. Scoles, doing work in molecular physics. From 1970 to 1973 he was Research Associate at the University of Genova, and from 1973 to 1981 a member of the staff of the Consiglio Nazionale delle Ricerche of Italy. From 1977 to 1979 he was Visiting Professor at the University of Waterloo, Canada. In 1980 joined the Physics Department of the University of Genova as Associate Professor. In 1984 became leader of the Genova section of the Gruppo Nazionale di Struttura della Materia of the National Research Council of Italy and later Director of the Center for Surface Science Studies (1989). In these years he set up a new laboratory devoted to surface science studies. From 1986 he is Professor of Structure of Matter at the Physics Department of the University of Genova. He was President of the Italian Vacuum Society AIV (1982-1986) and served IUVSTA as Italy Councillor (1986-1992), Surface Science Division committee member (1992-1998), Scientific Secretary (1992-1995) and Scientific Director (1995-1998). He is member of several scientific societies (AIV, AVS and APS). He was involved in many international advisory committees of Conferences and Workshops in the area of Vacuum and Surface Science. He was chairman of ECOSS16 and Director of the Summer School on Dynamics of Gas Surface Interaction, Erice(1983). He is in the advisory board of several scientific journals including Vuoto (1984-1989), Journal of Physics: Condensed Matter (from 1995) and Physics of Low Dimensional Systems (from 1994). He is an author of more than 120 papers published in international scientific journals and editor of books. Among them, Atomic and Molecular Beam Methods, received in 1992 the Prize of the American Association of Chemistry Teachers. He is Chairman of the Physics Department of the University of Genova and Director of the Surface Science and Interface Section of the National Institute of the Physics of Matter of Italy. His research interests are in the area of Surface Science with particular emphasis on chemisorption and growth.

**Incoming President's Nomination for Scientific Secretary  
DR MASSIMO SANCROTTI (Italy)**

Dr Massimo Sancrotti has a degree in Nuclear Engineering and a PhD in surface science. He is presently on the research staff of the Department of Physics of the Politecnico di Milano and is a group leader at the National Laboratory TASC-INFN in Trieste (Italy).

His scientific activity is primarily devoted to surface and interface science encompassing methods such as photoemission, Auger, electron energy loss, and X-ray absorption spectroscopies. Dr Sancrotti is author of over than 90 publications in international journals and has given more than 20 invited talks at international conferences. He is Director of the International School on the Applications of Surface Science Techniques (ISASST) and a member of the Executive Council of the Italian Vacuum Society. Presently he is serving as the Italian Councillor on the Executive Council of the IUVSTA and he has been Secretary of the Liaison Committee in the 1995-1998 triennium

He is directly involved in the liaison between IUVSTA and the ICTP in Trieste. Dr Sancrotti is co-chairman of two IUVSTA Workshops to be held in 1999 and co-director of the 3rd ICTP/IUVSTA Workshop on Thin Films (Trieste, 1999).

### **Incoming President's Nomination for Treasurer**

#### **MR HARTMUT WAHL (Switzerland)**

Hartmut Wahl was born in Stuttgart, Germany in 1938. He received his Diploma as Engineer from the Fachhochschule Esslingen, Germany in 1962 and then worked for TELDIX in Heidelberg for one year in the aircraft navigational instruments development department. From 1963 to 1969 he held the post of engineer in the Physical Chemistry Department (Dr C Marchetti) in the Euratom Research Center in ISPRA, Italy where he worked mainly on research on ceramics, nuclear fuel elements and ion-metal interaction; programmes which involved many areas of vacuum technology. Since 1969 he has been employed at CERN in Geneva, Switzerland, working mainly in the vacuum field. From 1976 to 1991 he was responsible for the 10km long vacuum systems of the 450GeV Super Proton Synchrotron (SPS) and, from 1991 to 1996, he was in charge of the technical coordination of this accelerator. Since 1996 he has been Divisional Planning Officer for the SPS-LEP (SL) Division, with responsibilities including budget and manpower, and Group Leader of the SL Divisional Services Group, with responsibility of the infrastructure of the Division. Hartmut Wahl has co-authored 10 papers in scientific journals and 4 scientific conference papers. From 1992 to 1995 he was Chairperson of the "Fachverband Vakuumphysik-Vakuumtechnik" of the Deutsche Physikalische Gesellschaft.

In the IUVSTA he has been a member of the Vacuum Science Division (1989-1992), Secretary of this Division and Alternate Councillor for the Swiss Vacuum Society (1992-1995), Councillor (1995-1998) and Secretary of the Finance Committee (1995-1998). He has also served as Vacuum Science Division Programme Committee member for several IVC and EVC conferences.