

Medical Physics World

International Organization for Medical Physics

IOMP

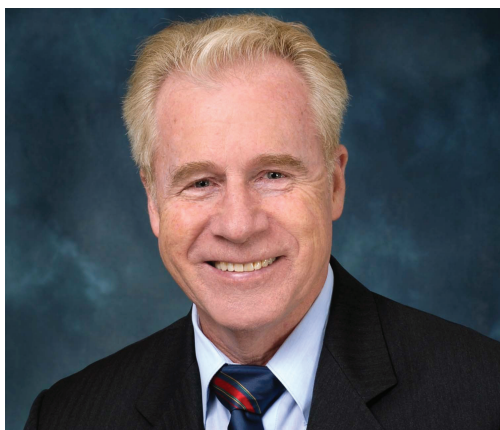
World Congress Issue - 2009
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Professor Barry J Allen, Ph.D.; DSc; IOMP President

Presidential Address WC2009

Professor Barry J Allen, Ph.D.; DSc; IOMP President

Three years behind the Mast

My three years behind the mast as president of the IOMP have come to an end, so it's reasonable to ask was it all worth while? Is the IOMP a better organization now than before? It's not for me to answer that question, but I can point to a number of achievements that are making the IOMP more relevant to its 80 adhering national organizations and its 16500 membership world wide. It certainly needed to become more relevant as few MPs know much about its activities, although the national societies fund the IOMP by subscriptions.

The first thing to note is that IOMP is not a wealthy organization, despite having such a large membership. All executives are volunteers who give their time without question, but its one thing to work for free, another to pay for the privilege of doing so. Should the IOMP become more relevant, then higher dues would be in order to fund its increasing responsibilities.

Revisions of the Statutes and Bylaws of IOMP were approved by Council during the World Congress in 2003 at Sydney. However, further revision was desirable and the Rules Committee was set up in Sydney to prepare amendments which were submitted to Council at the World Congress in Seoul in 2006 for discussion. Further changes to the Statues were proposed and are now incorporated for approval by Council.

The IOMP had a poor record of support by industry, so one change was to require that the Industry Liaison Officer be a member of the Executive Committee (Excom). Of course, we have to offer something to our industry sponsors, and active links from our website to their websites is one such offer. But then we need a higher website hit rate to increase the value of such links. This can happen only when our membership sees the website as a one stop shop for medical physics. A new website is under formation which

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From the Desk of the Secretary General

Peter H S Smith, Ph.D., Secretary-General, IOMP

For many years IOMP have been actively pursuing having a category 'Medical Physicist' included in the International Standard Classification of Occupations (ISCO). The latest classification (ISCO-08) will have 'medical physicist' included under Unit Group 2111 *Physicists and Astronomers*.

IOMP had been lobbying for many years for medical physicists to come under Minor Group 222 *Health Professionals (except nursing)*. However at a recent meeting between IOMP and the International Labor Organization (ILO) a number of amendments

were agreed to the wording of the documentation which will be published shortly. This will make clear the range of tasks that medical physicists undertake and that medical physicists are considered to be an integral part of the health work force, alongside those which come under Minor Group 222 *Health Professionals (except nursing)*.

Dr. David Hunter from ILO will be giving a presentation at the World Congress and IOMP will prepare and distribute guidance about the classification of medical physicists directly when the relevant documentation has been finally issued by ILO. ●

NEW REGIONAL MEDICAL PHYSICS GROUPS

Two new regional groups covering Africa and the Middle East are in the final stages of formation and joining IOMP:

FAMPO - *Federation of African Medical Physics Organisations* and

MEFOMP - *Middle East Federation of Medical Physics*

If you are interested to learn more about these organizations, please contact Prof. Peter Smith, the Secretary-General of the IOMP (<http://iomp.org/officers.htm>) who will put you in contact with the relevant organisation. ●

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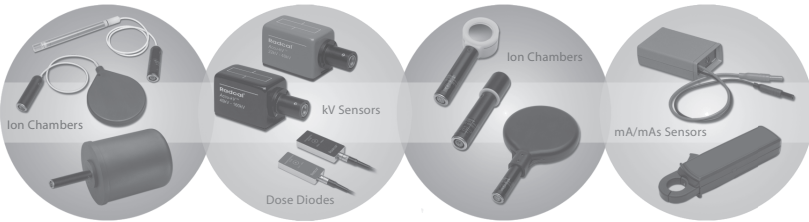
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is designed to become such a resource. To this end, IOMP has supported the development of the EMITEL project (European Medical Imaging Technology e-Encyclopaedia for Lifelong Learning). IOMP will allow fast access to the online medical physics encyclopaedia, which will soon be freely available.

As part of this makeover, Medical Physics World has been revamped. Gone are the rather boring reports that have been replaced by much more interesting articles. The high quality colour presentation with the upgrade of content makes for an interesting read. Advertising revenues cover the cost to publication.

Autonomous regional chapters of the IOMP are an important part of its operations. EFOMP has long been a regional organization to serve the requirements of medical physicists in Europe, SEAFOMP in SE Asia, AFOMP in the Asia-Pacific region and ALFIM in Latin America. Under guidance and support of IOMP, new societies are forming in the middle-east (MEFOMP) and Africa (FAMPO). Accepting that the AAPM is both national and regional, then all continents have or are in the process of developing regional medical physics organisations to facilitate the growth of services and expertise. Such institutions are essential if developing countries with restricted travel budgets are to thrive.

Of all these regional organization AFOMP is the grandest in scale and heterogeneity, covering two thirds of the world's populations. From South Korea and Mongolia in the north to New Zealand in the south and west to India, AFOMP is developing strength and performance. Annual conferences and industry support point to a strong organization, with past presidents from Hong Kong, Australia, Japan and now Malaysia.

Another important issue concerned the development of a bill of rights for biomedical scientists and engineers. With the potential for discrimination of scientists in the modern era, IOMP decided to codify its position by developing a Bill of Rights, which has now been accepted by IOMP, IFMBE and IUPESM.

The issue of plagiarism was addressed, and many journals published the IOMP position as editorials.

Triennial medical physics conferences between the world IUPESM congresses have been reinstated. The first ICMP was held in 2005 in Nuremberg, Germany followed by Dubai, UAE in 2008 Dubai proved to be very successful in garnering the resources of the middle-east medical physicists. The final ground work for the establishment of MEFOMP was laid at that conference.

The IOMP executive operates by vote or consensus, but in doing so can undermine presidential objectives. Are Presidents elected to do things, or just to occupy a seat on top of a bureaucracy? Perhaps its time that candidates for the presidency put forward their policy agendas at election time, and that the President be obliged to run with these policies.

In order to broaden and deepen the decision making process, Excom now proposes to assign voting rights to the chairs of the Science, Education and Training and Professional Relations committees, subject to Council approval. This will ease the possibility of stalemates when only a few members of Excom vote on an issue.

An important role of the IOMP is to support medical physics in developing countries. The Health Technology and Training Task Group (HTTTG) initiative was proposed and adopted unanimously by IUPESM at WC2006 in Seoul. HTTTG seeks to apply our skills in medical physics and biomedical engineering to evaluate and obtain solutions for health management in the developing countries. After health service reviews in the rural areas of Vietnam, Philippines and Vanuatu, it was abundantly clear that the western model of centralized health care is inappropriate for the developing world. The first HTTTG workshop on palliative radiotherapy was held in Saigon in 2008. HTTTG reports are now listed on the IUPESM website.

The standing committees have worked well, contributing to the operations and performance of the IOMP. In particular, the Science Committee has established closer collaborations with and contributed to many international organisations. An IOMP Medical Physics Specialists List has been established and a Scientific Data Base is underway. The Publications Committee was responsible for developing the IOMP position on the Bill of Rights and plagiarism. The History subcommittee was established to develop a collective memory of IOMP activities over the years.

We live in the 21st century. In the last decade communication has undergone a revolution no less significant than that of the printing press, Mobile phone towers sprout up in darkest Africa and everywhere else. A medical physicist in a developing country could have the same access to information as one in New York. It's our role to ensure that medical physicists benefit from this information revolution. We look to the next generation of medical physicists to broaden into biomedical physics and take new directions for the benefit of mankind. In particular, the role of medical physics in developing countries needs to be broadened to account for the marked differences in access to medicine.

So please judge for yourselves. Has the IOMP advanced during the last three years; is it seeking new roles and objectives that justify its existence? The IOMP is more

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than a set of older medical physicists maintaining the status quo. Our team has a youthful vision and is intent on changing the status quo for the benefit of our profession and for health services around the world. Please join with us in this mission.

I am pleased to acknowledge the extensive contributions of Vice-President Fridtjof Nüsslin, Secretary-General Peter Smith, Treasurer George Mawko, Past-President Azam Niroomand-Rad and the committee chairs K Y Cheung (Professional Relations), Cari Borras (Science), Anchali Krisanachinda (Education & Training), Bill Hendee (Publications) and Don Frey (Awards & Honors), as well as Ishmael Parsai, Editor, Medical Physics World and Slavic Tabakov, Director, Emitel project.

Fridtjof Nüsslin takes over the reigns as President in September. I do wish him every success in furthering the development of the IOMP and increasing its service to our membership. ●

New IOMP Website

A new IOMP website is under construction by Inch Communications Ltd, based in the UK. An invitation to tender and outline specification was issued last year.

The new site will have additional facilities and capabilities as well as an improved layout. It is hoped that it will become live before the end of the year. ●

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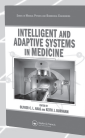
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New Officers of IOMP

Following elections by the IOMP Council, the following Officers will take up their posts at the General Assembly at the World Congress:



President: Prof. Dr. Fridtjof Nüsslin.

Prof. Nüsslin is the currently the Vice-President. Before retirement Prof. Nüsslin was Profes-

sor and Chair of the Section Medical Physics at the Tübingen University. Currently he is at the Technische Universität München, working in radiation therapy physics and is a member of the research cluster 'Munich Advanced Photonics'.

and in teaching and training of medical professionals.



Immediate Past President: Prof Barry Allen

Prof. Allen is the current President and is the Director of the Centre for Experimental

Radiation Oncology at St George Hospital Cancer Care Centre, New South Wales, Australia.



Vice-President: Dr. Kin Yin Cheung

Dr. Kin Yin Cheung is the Head of Medical Physics, Department of Clinical Oncology, Prince of Wales Hospital,

Hong Kong, China and Adjunct Associate Professor, Department of Clinical Oncology, Chinese University of Hong Kong. He was the President of the Hong Kong Association of Medical Physics (HKAMP) and the Founder-President of Asia-Oceania Federation of Organizations for Medical Physics (AFOMP). He has served as Chairman of IOMP Professional Relations Committee. He is actively involved in clinical physics services, research and development,



Secretary-General: Dr. Madan M. Rehani

Dr. Madan M. REHANI is currently working as Radiation Safety Specialist in Radia-

tion Protection of Patients Unit of the International Atomic Energy Agency (IAEA), Vienna, since Dec. 2001. Earlier he was Professor & Head, Medical Physics Unit in the Cancer Hospital of the All India Institute of Medical Sciences (AIIMS), New Delhi, India and also Head of the Collaborating Centre of the World Health Organization (WHO) on Imaging Technology & Radiation Protection which he established. He was the founding

President, Association of Medical Physicists of India (UPDEL Chapter) during 1990-94. He has served on various IOMP committees, including the Education & Training Committee 1990-2000. He was President, Society of Nuclear Medicine, India, 2001.



Treasurer: Dr. Slavik Tabakov

Dr Slavik Tabakov is Reader in Medical Physics at King's College London (School of Medicine). He

has been elected twice for Chair of the IOMP Education and Training Committee and has also been Chair of the Awards and Honours Committee. Dr. Tabakov has developed and coordinated 6 large International projects in Medical Physics and Engineering education. Some of these projects (especially EMERALD and EMIT) paved the way for e-Learning in the profession. The results of these projects are now used in more than 70 countries around the world. The project EMITEL is the first e-Encyclopaedia of Medical Physics with Multilingual Dictionary of terms. Dr. Tabakov was born in Bulgaria. In 2006 he received the IOMP Harold Jones medal. ●

Scientific Events organized by the IOMP Science Committee at the WC 2009

Theme	Event	Responsible IOMP SC members
13	IOMP Workshop on "Medical Physics Research"	N. Suchowerska and C. Orton
3	IOMP/ICRP Session on "New ICRP Recommendations", co-sponsored by the International Commission on Radiological Protection (ICRP)	C. Borrás
3	IOMP/ISR Session on "Radiological Risk Communication", co-sponsored by the International Society of Radiology (ISR)	C. Borrás
13	IOMP/EFOMP Workshop on "Nanoparticles in Cancer Therapy", co-sponsored by the European Federation of Organizations in Medical Physics (EFOMP)	YX Huang and A. Torresini

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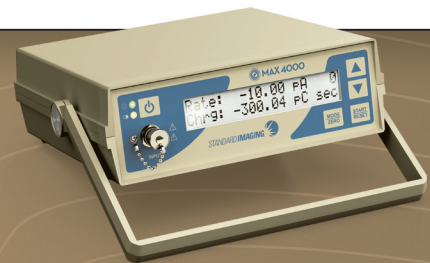
– Jon Stella, MD

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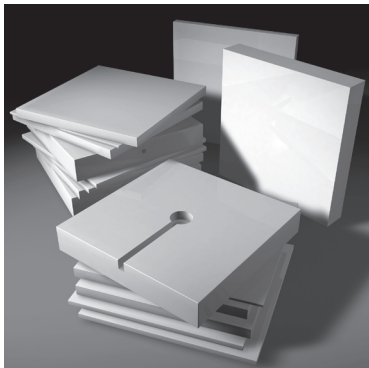
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The World Health Organization invites the IOMP to collaborate in the *Global Initiative on Radiation Safety in Health Care Settings*

Cari Borrás, D.Sc., Chair, IOMP Science Committee & Peter H S Smith, Ph.D.; Secretary-General, IOMP

The World Health Organization (WHO), the coordinating authority for health within the United Nations system, launched last year a *Global Initiative (GI) on Radiation Safety in Health Care Settings*, aimed at ensuring that medical facilities use radiation in an effective and safe manner. The GI plans to bring together health authorities, international organizations, professional bodies, scientific societies, academic institutions, NGOs and technical experts in a concerted action designed to facilitate the implementation of the *International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources* (BSS), cosponsored by several international organizations –among them WHO– and currently under a revision led by the International Atomic Energy Agency with the participation of all the cosponsoring organizations. To take this forward and establish a more formal relationship it was agreed to sign a ‘Memorandum of Understanding’. In the future this may lead to IOMP (possibly with IFMBE through IUPESM) having NGO (Non-governmental Organization) status with WHO.

To discuss this new GI, WHO held a meeting in December 2008, inviting significant key players, among them the IOMP, to present the current situation regarding the use and risks of ionizing radiation –including epidemiological data– and their proposed role within the GI. As a result of the meeting, the work was divided in three common projects: risk assessment, risk management and risk communication, involving four groups of stakeholders: consumers, referrers, providers and regulators & payers. During the period 2009-2011, several working groups will establish priorities among the specific possible projects for each particular set of stakeholders and will develop a concrete action plan.

To carry out the activities, WHO needs adequate financial resources and has started fund-raising efforts. It is expected that the IOMP will play a significant role in this Global Initiative. ●

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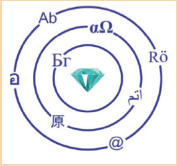
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EMITEL Encyclopaedia of Medical Physics with Multilingual Dictionary

Slavik Tabakov, Ph.D.; EMITEL Coordinator

The international project EMITEL has developed an Encyclopaedia for Medical Physics with Multilingual Dictionary. The project partners were King's College London and King's College Hospital, University of Lund and Lund University Hospital, University of Florence, AM Studio Plovdiv and the International Organization for Medical Physics (IOMP). EMITEL was financially supported by the EU Leonardo programme.

The Encyclopaedia includes a Multilingual Dictionary of Terms, which cross-translates the 3000+ specific terms in any of its 25 languages. Each term is explained with an article (in English). Many articles include diagrams, images and tables. The overall volume of EMITEL is 2000+ pages.

The EMITEL web site (www.emitel2.eu) will be officially launched at the opening of WC2009. All colleagues will use the web site free.

EMITEL attracted some 250 colleagues from 35 countries, thus establishing itself as the largest international project in the profession. Last year at the EMITEL Conference in ICTP, Trieste an EMITEL Network was formed to take care of the support and regular updates of the Encyclopaedia and Dictionary. Soon the Encyclopaedia will be submitted for paper print. Information about EMITEL can be taken from www.emerald2.eu and the Dictionary is also available at www.emitdictionary.co.uk

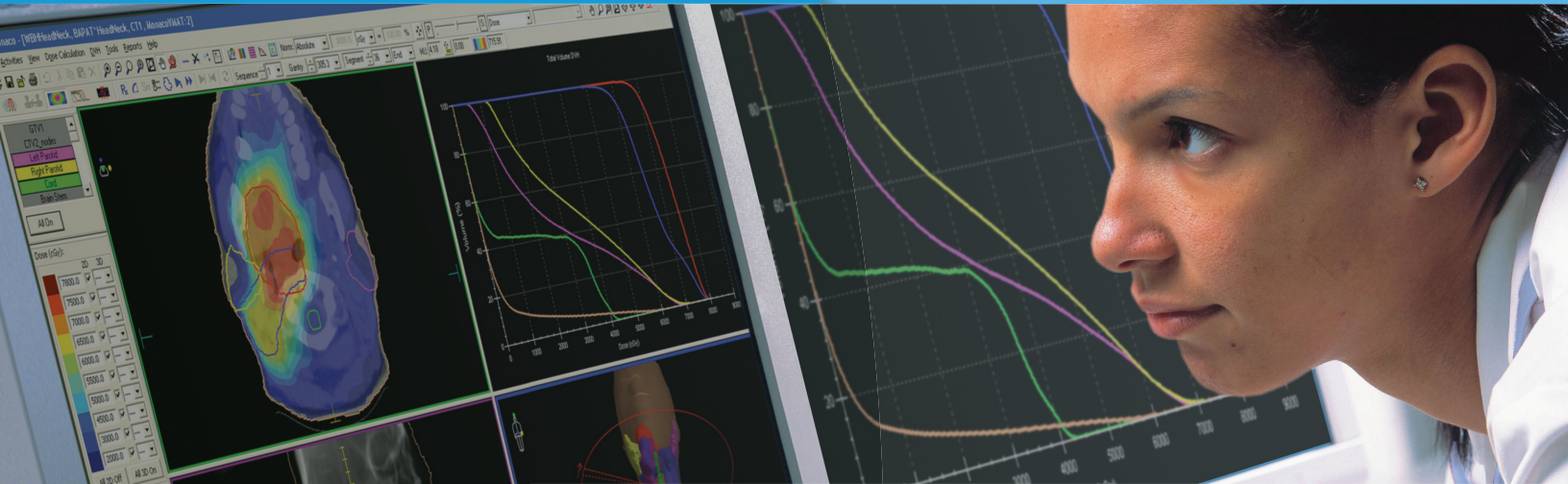
EMITEL gratefully acknowledges the support from the EU Leonardo Programme, the Partner Institutions and its many Contributors (forming EMITEL Network):

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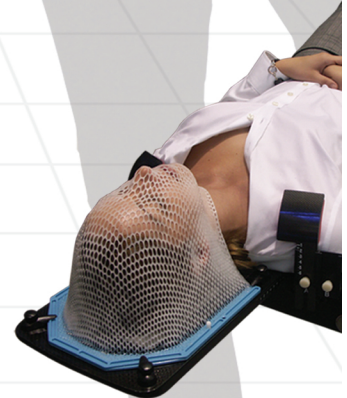


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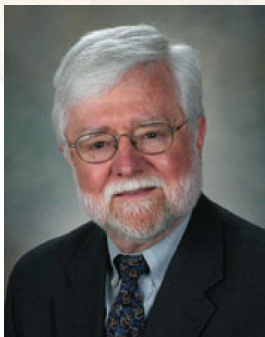
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THE IUPESM AWARD OF MERIT



Prof. Gary Fullerton Receives IUPESM's 'Award of Merit'

The prestigious IUPESM 'Award of Merit' is awarded triennially and recognises a medical physicist who has demonstrated a distinguished career in medical physics.

Prof. Fullerton is Vice Chair for Radiology Research and Director of Colorado Translational Research Imaging Center at the University of Colorado Denver. He has served in leadership positions in many

medical physics and engineering organizations including as President and Secretary of the AAPM, President of the Society of Magnetic Resonance in Imaging, and Secretary-General of the IOMP and the IUPESM. He has served as Editor-in-Chief of the Journal of Magnetic Resonance Imaging.

Prof. Fullerton has published extensively in diagnostic imaging, especially magnetic resonance, and has organized medical physics teaching programs and mentored students at many academic institutions in the United States, Mexico and throughout the world. He will receive the award at the opening ceremony of the World Congress. ●

IOMP Collaborates in IAEA Project

"Strengthening Medical Physics in Radiation Medicine"

In May this year the first inter-regional planning and coordination meeting of the International Atomic Energy Agency's INT/6/054 TC Project was held in Vienna, bringing together medical physicists from around the world together with representatives from the medical physics professional societies, including the International Organizations for Medical Physics (IOMP).

This five year project has the objectives:

1. Define internationally endorsed role and responsibilities of Medical Physicists and requirements for education and training, including clinical requirements.
2. Identify gaps in education and training and develop/harmonize educational materials as needed.
3. Raise awareness and recognition of Medical Physics as a profession.

Four Working Groups were formed:

- Role and Responsibilities of Medical Physicists
- Clinical Requirements/Educational Materials/Accreditation & Certification
- Staffing Levels of Medical Physicists and Others
- Raising Awareness

An IOMP Officer or a Chair of an IOMP Committee is on each committee.

15 New Books to be Published

25% Discount for IOMP Members

The Series in Medical Physics and Biomedical Engineering from Taylor & Francis is the official book series of the International Organization for Medical Physics.

The Series is truly international with authors, editors and contributors from all around the world and meets

the need for up-to-date handbooks, references/monographs and textbooks. There are currently 28 titles in print and 15 due to appear between later this year and 2012.


Examples to be published include: 'Medical Equipment Management'

K. Wilson, K Ison and S. Tabakov

'The Physics of Medical Imaging' (Editor Steve Webb). Second edition

Both due to be published in 2010.

See www.crcpress.com for further information.

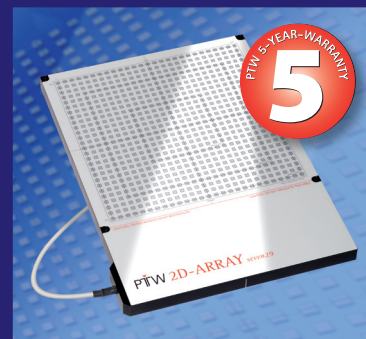


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* Van Esch et al: "On-line quality assurance of rotational radiotherapy treatment delivery by means of a 2D ion chamber array and the Octavius phantom" *Med. Phys.* 34 (10), October 2007

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KNOWING WHAT RESPONSIBILITY MEANS

IOMP HONOURS DISTINGUISHED MEDICAL PHYSICISTS

The International Organisation for Medical Physics has announced the recipients of 2009 Awards. The Awards will be presented at the World Congress on Medical Physics and Biomedical Engineering, to be held at Munich, Germany, on September 7-12, 2009.

Marie Sklodowska-Curie Award: *Professor Azam Niroomand-Rad, Ph.D., DSc.*
The Marie Sklodowska-Curie Award is sponsored by Elekta Ltd.

The Harold Johns Medal: *Dr. Madan Rehani, PhD.*

IUPAP Young Scientist Award in Medical Physics: *Dr. rer. nat. Leif Schröder, PhD*



Prof. Azam Niroomand-Rad is the immediate past President of the IOMP, former Director of Clinical Physics in the Department of Radiation Medicine and retired Professor of Radiation Medicine at Georgetown University Medical Center, Washington D.C., USA. The award recognises the major contributions she has made to the field of medical physics and the international healthcare community through her activities in education and training, research and the advancement of the medical physics profession internationally.

Prof. Niroomand-Rad has been very active over many years in a range of education, teaching and teaching programmes around the world as well as in her own institutions. She has been prominent in many professional organizations, including the IOMP where she was Chair of the Education and Training Committee, Vice-President of IOMP (2000-2003) and President of IOMP (2003-2006). She is dedicated to promoting and developing the medical physics profession, particularly in developing countries. Prof. Azam has published numerous articles and book chapters, and is Co-Inventor of a US Patent for designing a novel stereo tactic method for treatment of spine lesions. She has a distinguished research record, a major area of her research being in radiotherapy physics. She has received several awards in particular the prestigious "Award for Achievements in Medical Physics" from American Association of Physicists in Medicine in 2006.



Dr Madan Rehani is currently the Radiation Safety Specialist in Radiation Protection of the Patients Unit of the International Atomic Energy Agency (IAEA). He was previously Professor and Head of the Medical Physics Unit at the Cancer Hospital, All India Insti-

tute of Medical Sciences, New Delhi, India and Head of the WHO Collaborating Centre on Imaging Technology and Radiation Protection.

The award of the Harold Johns Medal recognises the major contributions he has made to the field of medical physics and to the international healthcare community, particularly through his contributions to international education. At the IAEA Dr. Rehani has responsibility for developing and directing multi-national projects on medical radiation protection, education and training and quality assurance activities in more than 60 countries



Dr. Leif Schröder is currently Post-doctoral Research Fellow with Prof. Alexander Pines, Materials Sciences Division at the Lawrence Berkeley National Laboratory, Berkeley, California. As of July 2009, he will start a junior research group at the Leibniz Institute for Molecular Pharmacology, Berlin.

His current research is high-sensitivity molecular imaging and spectroscopy using functionalized xenon biosensors. Previously he worked with Prof. Wolfhard Semmler and Prof. Peter Bachert at the Department of Medical Physics in Radiology, German Cancer Research Center, Heidelberg, Germany.

Leif Schröder is highly recognized by the international community for his research on biosensors in molecular magnetic resonance imaging and spectroscopy. Previous projects such as the quantum mechanical description of the hyperfine interaction in NMR spectra of muscle tissue were recognized with the Philips Research Prize of the German Society for Medical Physics. Recently, he was leading a team of researchers to implement new technologies for ultra-sensitive detection of xenon biosensors as a new type of NMR contrast agent. ●

DONATION OF USED EQUIPMENT –

REPORT OF THE PROFESSIONAL RELATIONS COMMITTEE (PRC)

Mohammed K. Zaidi, Program Manager, IOMP Professional Relations Committee.

Having assurance from IOMP senior leadership, the USED Equipment Donation program will continue and expand further within financial constraints, and explore ways of linking it with other equipment donation schemes. The IOMP Professional Relations Committee (PRC) will review and discuss the programme during WC2009. The program effectiveness is marvelous and we could do a great help to some of the developing countries. The program had experienced major problems such as bogus transfer of money documents etc., etc. or the party has forged the identity. The IOMP plan is to ship used equipment to a university, an affiliated medical center or a charity organization so to say a teaching hospital serving human beings suffering from cancer. They must have the capability to use the donated equipment and have technical know-how. The patient load is sufficient to ship them additional equipment. We consider their needs seriously and match the equipment, what we are getting meets their purpose/present needs. It is shipped after securing proper funding for shipment. I ship two/four used equipment each year but make sure that the equipment shipped will be used and not kept in a warehouse. The donor must mention that the equipment is in working order, has a manual and some training material. If training is needed, we provide training too, on phone, by sending material, or if they promise to pay for travel, we can send an expert.

I introduced the IOMP Used Equipment Donation program at the WHO sponsored “Appropriate Healthcare Technologies for Developing Countries 2008” conference held May 21-22, 2008 at The IET, Savoy Place, London, UK. Their website <http://www.theiet.org/aht/> has information about IOMP’s donation program. The Medical Physics World (MPW) distributed were very much liked by the participants at this meeting. The keynote speak-

ers were Drs. Peter Heimann, Andrei Issakov and Thomas Judd - all from WHO.

Some of the equipment donated to developing countries is listed below:

Siemens portable radiographic x-ray unit: Mobilett II, 90 23482X022E, Serial number: 03113 511, Manufacture date: 8/87 with Operating instruction booklet was shipped to a Mission Hospital in Uganda. Douglas Pfeiffer, MS, DABR., Medical Physicist, RSO, Boulder Community Hospital, 4747 Arapahoe Ave., Boulder, CO 80303, has very kindly donated the x-ray unit to IOMP Donations Program.

A used ambulance, 1994, Ford E-350; very kindly donated by The James Project, Burnsville, NC. USA from their Birmingham office in Alabama; shipped to African Christian Care Trust, Garki-Abuja, Nigeria. They operate the clinical services for the poor people of that area.

A Oldelft Simulix MC with x-ray generator and image intensifier, 1995 model; being donated by John B. Amos Cancer Center. We are to locate a home and arrange shipment. We are thankful for the efforts of Dr. Wyndioto Chisela of John B. Amos Cancer Center, Columbus, Georgia, USA for this donation. We are to get funds to get it shipped.

Brian Wichman, MS, DABR, Chief Medical Physicist, RSO, Kansas City Cancer Centers offered a used Odelft simulator. A plan to ship this equipment was dropped as a forged check to cover shipping cost was delivered to the donors.

IOMP program is very thankful to donors for their efforts to get used equipment donated to IOMP program and help is their shipment. ●

Calendar of Events

Carter Schroy, Ph.D., MPW Associate Editor

The following events can be found on the IOMP Calendar at <http://iomp.org/nextmeetings.htm> and on the Medical Physics Calendar at <http://medphys.org/calendar/> which has links to other calendars. Most meetings are also posted on the Global Medical Physics Mailing List (<http://lists.wayne.edu/cgi-bin/wa?A0=MEDPHYS>). Please email your international events to the Calendar Editor, Carter Schroy, at eventsed@aol.com (or fax to +01 612.465.2600) for inclusion in the MPW. Deadlines are April 1 and October 1 for issues that are mailed several weeks later.

7-12 September 2009

World Congress on Medical Physics and Biomedical Engineering; Munich, Germany
<http://www.WC2009.org>

11-12 September 2009

ASTRO's Translational Advances in Radiation Oncology and Cancer Imaging; St. Louis, MO USA.
Please visit <http://www.astro.org/Meetings/UpcomingMeetings/Translational/index.asp> || education@astro.org

13-16 September 2009

8th Int'l Conference on Dose, Time and Fractionation in Radiation Oncology; Madison, WI USA
paliwal@humonc.wisc.edu

13-17 September 2009

Imaging in 2020: a Conference on Molecular Imaging; Jackson Hole, WY USA
<http://imagingin2020.com>

20-24 September 2009

Int'l Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI); London, U.K.
<http://www.miccai2009.org>

23-26 September 2009

World Molecular Imaging Congress; Montreal, Canada
<http://www.wmicmeeting.org>; ami@ami-imaging.org

29 Sept - 2 Oct 2009

Young Researchers BNCT Meeting; Mainz, Germany
Boron Neutron Capture Therapy
<http://www.yrm-nct.com>; Gabriele.Hampel@uni-mainz.de

1-3 October 2009

ESMRMB 2009 Congress; Antalya, Turkey
26th Annual Meeting of the European Society of Magnetic Resonance in Medicine and Biology
<http://www.ESMRMB.org>

8-12 October 2009

40th Brazilian Medical Physics Society Meeting; Sao Paulo, Brazil

10-14 October 2009

EANM'09 – Annual Congress of the European Association of Nuclear Medicine; Barcelona, Spain.
<http://www.eanm.org>; office@eanm.org

12-16 October 2009

11th Neutron and Ion Dosimetry Symposium (NEUDOS-11); Cape Town, South Africa. Full range of neutron and ion dosimetry topics
<http://www.neudos11.tlabs.ac.za> || neudos11@tlabs.ac.za

15-22 October 2009

Geant4 Users and Collaboration Workshop; Catania, Italy
<http://www.lns.infn.it/geant4/geant4ws2009/default.htm>; cirrone@lns.infn.it

19-21 October 2009

2nd European Workshop on Monte Carlo Treatment Planning (MCTP2009); Cardiff, Wales, UK
<http://mctp2009.org>; workshop@mctp2009.org

22-24 October 2009 Imaging

in Radiation Oncology (3rd Langendorff Symposium); Freiburg, Germany
<http://www.kongress-und-kommunikation.del>; hirschle@kongress-und-kommunikation.de

22-25 October 2009

Combined Scientific Meeting of The Royal Australian and New Zealand College of Radiologists (RANZCR), the Faculty of Radiation Oncology (RANZCR, FRO), The Australian Institute of Radiography (AIR) and The Australasian College of Physical Scientists & Engineers in Medicine (ACPSEM); Brisbane, Australia
<http://www.csm2009.com/>

1-5 November 2009

ASTRO Annual Meeting; Chicago, IL USA
American Society for Radiation Oncology
<http://www.astro.org/Meetings/AnnualMeetings/education@astro.org>

2-5 November 2009

BEAMnrc Workshop; Ottawa, Canada
http://www.physics.carleton.ca/~drogers/BEAM/course/BEAM_Workshop@irs.phy.nrc.ca

8-12 November 2009

EPSM-ABEC 2009; Canberra, Australia
The Engineering and Physical Sciences in Medicine and the Australian Biomedical Engineering Conference.
<http://www.conlog.com.au/epsm-abec2009/>

29 Nov - 4 Dec 2009

RSNA Annual Meeting; Chicago USA
Radiological Society of North America
<http://rsna.org>

14-16 December 2009

Inaugural Sydney Int'l Workshop on Synergies in Astronomy and Medicine (ASTROMED09); Sydney, Australia;
<http://www.physics.usyd.edu.au/astromed09>

13-18 February 2010

SPIE Medical Imaging Conference; San Diego, CA USA
co-sponsored by the AAPM
<http://spie.org/medical-imaging.xml>

8-12 March 2010

European Conference on Individual Monitoring of Ionizing Radiation; Athens, Greece
<http://www.gaec.gr/lim2010>; im2010@gaec.gr

3-6 June 2010

Society for Imaging Informatics in Medicine (SIIM) Annual Meeting; Minneapolis, MN USA
<http://www.siiweb.org>; sii2010@siiweb.org

News & Reports from the IOMP Publications Committee

By Bill Hendee, Chair publication committee

Bill of Rights for Scientists and Engineers

The Bill of Rights for Scientists and Engineers has been approved by the IOMP Council and the IFMBE Executive Committee. This document was published originally in *Medical Physics*, and subsequently has been published in several other medical physics journals whose editors are members of the IOMP Publications Committee. Each editor was offered an opportunity to publish the Bill of Rights with the requirement that the site of first publication be acknowledged.

Editorial on Plagiarism

An editorial on plagiarism, a problem of increasing importance in publishing, was initially published in *Medical Physics*. This editorial was offered to members of the Publications Committee for reproduction, and many of them published the editorial in their own medical physics journals, with acknowledgement of the site of first publication.

Subcommittee on Medical Physics World

In response to a request from President Allen, a subcommittee of the Publications Committee was formed to

explore options for *Medical Physics World*. The members of the committee include Fridtjof Nuesslin, Barry Allen, Carlos deAlmeida, KY Cheung, Anchali Krishanada and Ishmael Parsai. The subcommittee unanimously agrees that *Medical Physics World* should be published electronically only, and that the printed version of the newsletter should no longer be produced. The newsletter should focus principally on news and articles related to educational and professional concerns and events related to medical physics on an international scale, with the ultimate objective of publishing four electronic issues per year. Concerns to be addressed in the newsletter might include educational opportunities, challenges and changes in different countries, accreditation of medical physics educational programs and certification of medical physicists, registration and licensure activities, announcements of awards and various other recognitions of medical physicists, etc. News about the IOMP and its committees and activities should be placed on the IOMP website, with brief messages in the newsletter bringing attention to items on the website. Potential advertisers in the newsletter and the web site should be given a package deal for advertisements placed in both places. The Publications Committee recommends to the IOMP Council that *Medical Physics World* become solely an electronic publication with the objectives outlined in this brief report. ●

EMITEL Encyclopaedia of Medical Physics with Multilingual Dictionary

CONTINUED FROM PAGE 12

Dovile Serenaite; Diana Adliene; Suhairul Hashim; Alireza Binesh; Ali Asghar Mowlavi; Azam Niroomand-Rad; Zenon Matuszak; Aleksandra Jung; Katarzyna Matusiak; Ana Pascoal; Nuno Teixeira; Paulo Ferreira; Nuno Machado; Daniela Andrei; Cristina Petroiu; Raducu Popa; Aurel Popescu;

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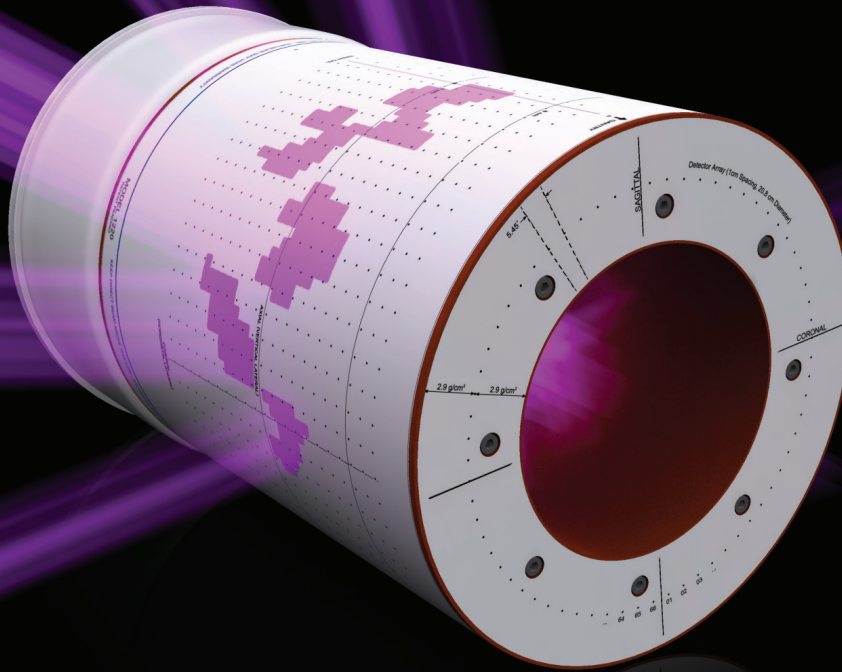
um; Isra Na Ayuthaya; Sornjarod Oonsiri; Perihan Unak; Turgay Karali; Serap Teksoz; Zumrut Biber Muftuler; Fatma Yurt Lambrecht; Urban Zdesar; Fauzia Farook; Nigel Brooks; Paul Labbett; Reza Razavi. Software: Magdalena Stoeva; Asen Cvetkov ●



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