

## ***SJUKHUSFYSIKERN***

*extrautskick 1995-06-12*

Kvalitetsutskottets tre grupper har nu slutfört den första delen av sitt arbete: en Kvalitetsmanual kommer att ligga färdig under sommaren. Kvalitetsutskottet är gemensamt för Svensk Förening för Radiofysik och Svenska Sjukhusfysikerförbundet, och de arbetande grupperna har bestått av Göran Rikner (gruppleddare), Ingmar Lax, Mikael Karlsson och Börje Forsberg för onkologi/strålbehandling, Göran Wickman (gruppleddare), Lars Gunnar Månsson, Per Göte Blomgren och Bertil Axelsson för medicinsk radiologi och Stig Larsson (gruppleddare), Sven Richter och Sven Åke Stark för nuklearmedicin.

Vid Kvalitetsutskottets senaste möte i maj togs beslutet att ordförandena i Förening och Förbund (Bertil Axelsson och Inger-Lena Lamm) gemensamt skulle bestämma om storlek och sammansättning av grupperna inför det fortsatta arbetet. Namn som diskuterades förutsättningslöst var för onkologi/strålbehandling Ingmar Lax, Mikael Karlsson, Börje Forsberg, Göran Rikner, Lena-Marie Lundberg och Per Nilsson; för medicinsk radiologi Bertil Axelsson (gruppleddare), Lars Gunnar Månsson, Per Göte Blomgren, Birgitta Hansson, Jan Persliden, Ebba Helmrot och Jonny Hansson; för nuklearmedicin Sven Richter (gruppleddare), Sven Åke Stark, Ragnar Jonsson, Hans Erik Källman och Stig Larsson (konsult). Det togs också beslut om att inbjuda alla intresserade medlemmar i båda sammanslutningarna att komma med förslag på lämpliga gruppmedlemmar. Dessa förslag skall sändas före mitten av juli till Bertil Axelsson eller Inger-Lena Lamm, gärna med fax!

Preliminära erfarenheter av revisionen av Sjukhusfysik i Stockholm kommer att redovisas vid radiologernas kvalitetsdag den 14/9 i anslutning till Röntgens 100 års jubileum. Det seminarium som planeras som uppföljning av kvalitetsmötet november 1994 på Norra Latin kommer att äga rum först under 1996. Närmare upplysningar om detta kommer bland annat att ges i *Sjukhusfysikern*.


Som information kring det samordningsarbete som pågår ute i Europa, skickar jag med en kopia av en "Bulletin", där innehållet får tala för sig själv. "Synpunkter och intressenter tas tacksamt emot."

Sjukhusfysikerförbundets styrelse har under våren försökt utnyttja de utökade lönestatistikuppgifter som SN samlar in för att ta fram den lönestatistik vi vill tillhandahålla våra medlemmar, tyvärr utan framgång. För att komma till rätta med denna frågan kommer en löneenkät att skickas ut under sommaren. Under förutsättning att alla fyller i denna korrekt och återsänder den, kan vi i höst presentera vår egen lönestatistik, av stor hjälp vid strukturdiskussioner och löneförhandlingar.

Allra sist; det finns också med ett inbetalningskort för årsavgiften till Sjukhusfysikerförbundet.

Hjärtliga sommarhälsningar!

Inger-Lena Lamm



Inger-Lena Lamm: fax 046-136156  
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**EUROPEAN NETWORK**  
**MEDICAL PHYSICS/ENGINEERING**  
**Bulletin of the Network and the Working Groups for**  
**harmonizing education and training in Medical**  
**Radiation Physics and Engineering in Europe**

*No.1, April 1995*

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**Dear Colleagues,**

This is the first Bulletin of the European Network and the Working Groups for harmonizing education and training in Medical Radiation Physics and Engineering (MRPE) in Europe, established with the Declaration of Intent signed by delegates of 23 countries and 37 Societies, Universities and Organisations at the European Conference on Post-graduate Education in Medical Radiation Physics -Budapest, November'94 - a CEC funded Project.

The Bulletin is prepared by the Organiser of the Conference - the Department of Medical Engineering and Physics at King's College London and the Education, Training and Professional (ETP) Committee of the European Federation of Organisations for Medical Physics (EFOMP). It is printed and distributed by King's College London.

The Bulletin is open for all members of the Network and the Working Groups in order to serve as a common medium for increasing cooperation in medical physics and engineering between the European Societies, Universities and Organisations in the field.

Our intent is to prepare and distribute the Bulletin quarterly, thus informing you regularly about the progress of the European Network and of the Working Groups. In order to strengthen our links within our Federation we have to get to know each other better and communicate frequently. Accordingly, the Bulletin will also publish short contributions

sent by you describing matters in your society, your scientific and educational projects, students' theses, PhD subjects, etc.

**THE PROGRAMME IN MRPE  
EDUCATION AND TRAINING**

**1. Objective**

As stated in the Declaration of Intent made at the European Conference, a Programme of initiatives in education and training needs to be developed in order to maximise the benefits of applying physical science to Healthcare provision throughout Europe. This Programme will complement and integrate existing programmes in the field. The aim is to harmonise activities and opportunities available to students and colleagues working in the field of Medical Radiation Physics and Engineering throughout Europe. For this purpose a Network needs to be formed to facilitate the initiation and promulgation of the individual initiatives between members and other agencies including EFOMP, IAEA, IFMBE.

**2. Working Groups**

As agreed at the European Conference five Working Groups are to be formed for developing the Programme and to facilitate the aim. These will concentrate on :  
-Syllabus for Education Schemes;

- Minimum requirements for Accreditation and Assessment of Education Centres;
- Syllabus for Training Schemes;
- Minimum requirements for Accreditation and Audit of Training Centres;
- Terminology and Interpretation of EU Legislation;

An additional Consulting Group will be established to add expertise on demand.

### 3. Organisation of the Working Groups

We were greatly impressed by the number of people who volunteered at the Budapest Conference to take part in the Working Group activities. At this stage it is not prudent to accept all the offers as many groups would be too large to be effective. The constitution of the groups has been chosen to reflect a spectrum of experience, opportunity and geography.

The size and organisation of the Working Groups will be flexible and new experienced professionals may be invited to join after submitting a request to take part in a specific group (or in a specific task). Similarly group members who are not able to contribute can leave a Working Group. Gradually with the time the Groups will develop core of actively involved experts and a bank of consultants whose expertise will be called on by the Working Groups. English language will be used for the work and exchange of information.

The members of the groups will be responsible for informing their societies/organisations on the development of the Programme.

The Groups will work predominantly at distance by post, telephone, fax or e-mail, thus forming the hubs of the future MRPE European Network.

Two members of each group (depending on their communication facilities and language skills - at least two spoken languages) will act as co-ordinators of the group. They will collect the opinions of the other members, discuss them and regularly (every three months) send information for the Bulletin, so that all groups will know the common progress of the whole Programme.

The co-ordinators together with the official representatives of EFOMP, IAEA, IFMBE

and other professional institutions in the field will form a co-ordination board, who will merge the achievements of the different groups into a Programme Recommendations.

Information on the progress of the whole Programme and related activities will be regularly supplied and discussed with CEC, EFOMP, IAEA, IFMBE so that fully harmonized and recognised activities may be developed. A prototype implementation can be set up in one country so that its effectiveness may be assessed by the relevant authorities.

### 4. First Meeting of representatives of the Working Groups

The first meeting of representatives of the working groups will be organised in a form of a **Satellite Workshop on European Education and Training in Medical Physics/Engineering** in Krakow, Poland on 17 September 1995, during the 10<sup>th</sup> Congress of the Polish Society of Medical Physics (Krakow, 15-18 September 1995), whose President of the Local Organizing Committee - Prof. Dr Marta Wasilewska-Radwanska is an active member of the Programme. The colleagues from the European Conference who will attend the Congress in Krakow will automatically be registered for the Workshop.

The colleagues who would like to attend the Workshop should contact Dr S.Tabakov before 15 July 1995 in order that registration, accommodation and other details can be arranged on time. Unfortunately we shall not be able to offer financial assistance for attendance.

We have taken steps towards organising a Second Conference on MRPE Education and Training as well as towards other initiatives in the field and will keep you informed of the progress in their development.

### 5. Composition of the Working Groups

According to the wish, expertise and language skills of the delegates and contributors to the European Conference and the initial contacts with EFOMP, the Working Groups are constituted to this moment as follows (the names of the co-ordinators are underlined):

### *Syllabus for Education Schemes*

Dr Anna Benini  
Prof Dr Yuri Dekhtyar  
Dr Gonul Kemikler, Assoc. Prof.  
**Prof Dr Franco Milano**  
Assoc Prof Dr Ladislav Musilek  
Prof Dr Valeri Orel  
Prof Nandor Richter  
Prof Dr Gomes da Silva  
**Dr Slavik Tabakov, Assoc. Prof.**  
Austrian representative

### *Minimum Requirements for Accreditation and Assessment of Education Centres*

Dr Siim Aid  
Mr Bernard Aubert  
Dr Peter Inia  
Prof Dr Petre Frangopol  
Dr Viera Laginova  
Prof Dr Basil Proimos  
**Prof M. Wasilewska-Radwanska**  
Dr K.J. Olsen  
**Prof Dr Colin Roberts**  
Prof Dr Paul Vittay

### *Syllabus for Training Schemes*

Dr Karl Arne Jessen  
Dr M. Morawska-Kaczynska  
Dr Constantin Milu  
Dr Montserrat Ribas Morales  
Dr Ismail Ozbay  
Dr Istvan Polgar  
**Dr Susan Sherriff**  
Dr Atanas Karadjov, Assoc Prof  
**Prof Dr. Ing.habil. Manfred Tautz**

### *Minimum Requirements for Accreditation and Audit of Training Centres*

Dr Vydmantas Atkocius  
Dr Philip Dendy  
Dr Jyrki Kuikka  
**Dr Inger-Lena Lamm**  
Dr Tatiana Ratner  
Dr Noirin Sheahan  
**Dr Spyros Spyrou**  
Dr Mladen Vrtar  
Dr Helena Zackova  
Austrian representative

### *Terminology and Interpretation of EU Legislation*

Dr Simo Hyodynmaa  
Dr Yves Lemoigne  
Dr Neil Lewis  
Prof Dr R. Van Loon  
Prof Dr Grzegorz Pawlicki  
**Dr Alain Noel**  
Dr Wolf W. Seelentag  
Dr Peter Trindev, Assoc Prof  
**Dr Pal Zarand, Prof.**

### *Additional Consulting Group*

Ing. Miron Antoneanu  
Assoc.Prof. Hannu Eskola  
Dr Michail Gersckevich  
Dr Sonya Kovacova  
Prof Ilion Stamboliev  
Dr Vassilka Tabakova  
Ing. Antanas Vaitkus

### NETWORK NEWS

#### 1. Stop Press

Recently the "EFOMP recommended guidelines on National Registration Schemes for Medical Physicists" have been issued and sent to the Presidents of the member societies.

The members of the two British professional organisations - The Institute of Physical Sciences in Medicine (IPSM) and The Biological Engineering Society (BES) have voted with substantial majority to merge the two organisations into one. The new organisation is named Institution of Physics and Engineering in Medicine and Biology (IPEMB).

In Vilnius, March 1995, the State Court of Justice has registered the Lithuanian Society for Radiation Therapy. The president of the Society is Dr V. Atkocius. Congratulations!

The European Scientific Institute (ESI) at Arshamps, France has issued their News Letter including the Statute and the future activities of the Institute.

The Budapest Technical University and the Semmelweis Medical University, also in Budapest, have launched post-graduate course in biomedical engineering. The interest from the students is very high some 25 students from the Medical University and 70 students from the Technical University have attended the courses started in February 1995.

The area codes in UK are changed for most of the cities by adding 1 in front of the old code (for ex. London 071... ,becoms 0171...). Some cities have new codes (Leeds:0113 2...; Sheffield:0114 2...; Nottingham:0115 9...; Leicester 0116 2...; Bristol:0117 9...).

## 2. Forthcoming events

15-19 May 1995, Arshamps, France  
Advanced Seminar on Medical Imaging and New types of Detectors, organised by the ESI

12-16 June 1995, Birmingham, UK  
Röntgen Centenary Congress

6-9 September 1995, Stara Lesna, Slovak Rep.  
7-th IMEKO International Symposium on Measurement in Clinical Medicine "Model Based Biomeasurements"

13-15 September, Sheffield, UK  
IPSM&BES Annual Scientific Conference

15-18 September, Krakow, Poland  
10-th Congress of the Polish Society of Medical Physics  
\*17 September, Krakow, Poland  
Satellite Workshop on European Education and Training in Medical Physics/Engineering

17-21 September 1995, Jerusalem, Israel  
VII Mediterranean Conference on Medical and Biological Engineering (IFMBE)

20-23 September 1995, Würzburg, Germany  
Röntgen Centenary Congress

23-28 October 1995, Trieste, Italy  
Second School in Radiophysics (Diagnostic Radiology) organised by IAEA, UNESCO, ICTP, EFOMP and IOMP

4-8 December 1995, Moscow, Russia  
Second Conference "Medical Physics - 95"

## 3. Announcements

Additionally to the addresses of experienced colleagues which we are collecting for preparing a European Directory we have initiated forming a data-bank of the PhD Theses prepared after 1980. Please send the subjects of the PhD Theses in Medical Physics/Engineering defended in your country to Dr S.Tabakov (1/2-1 page abstract will be welcome).

Due to the great demand additional copies of the post-Conference book "Medical Radiation Physics - a European Perspective" were printed recently. The price of the book is £15 plus £2 for postage. Please send cheques payable to King's College London.

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**Wishing to all Working Groups successful progress in the development of the Programme we are looking forward to receive information from all the Professional Societies and Institutions involved. We all have to make the Network working, Good Luck!**

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*Editorial Team : Slavik Tabakov, Inger-Lena Lamm, Colin Roberts*

**Please send your materials for the Bulletin to:**

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