



EFOMP: Mission, structure, and aims





...some remarks on EFOMP

- The **E**uropean **F**ederation of **O**rganisations for **M**edical **P**hysics (**EFOMP**) was founded in 1980 to serve as an umbrella to all National Member Organisations for Medical Physics (NMO) in Europe.
- Current membership covers **35** NMOs for Medical Physics which together represent more than **6000** physicists and engineers in the field of Medical Physics



Outline

- Mission
- Membership
- Structure
- Tasks in
 - Science, R & D
 - Education and Training
 - Professional Affairs
 - Publications and communication



EFOMP Mission

The mission of the Federation is:

- To harmonise and advance Medical Physics at an utmost level both in its professional, clinical and scientific expression throughout Europe
- To strengthen and make more effective the activities of the NMOs by
 - exchange of professional and scientific information,
 - by the formulation of common policies, and
 - by promoting education and training programmes



EFOMP Membership

- **National Membership:** National Member Organisations with full EFOMP Membership
- **Honorary Membership:**
- **Affiliate Membership:** National Organisations seeking closer link to EFOMP and which do not meet all conditions for full EFOMP Membership
- **Industrial Membership:** Companies active in the field of medical devices
- Under discussion: personal membership



The Beginning

- **1978** - Survey, John Clifton, HPA
- **1979** - London Meeting - Medical Physics in Europe
 - Steering Committee
 - Working Groups
 - Draft Constitution
- **1980** - Formal Establishment of EFOMP



EFOMP Founder Members

Austria
Belgium
Finland
France
F R of Germany
Holland
Italy
Norway
Spain
Sweden
Switzerland
Turkey
United Kingdom
Yugoslavia



14 NMOs



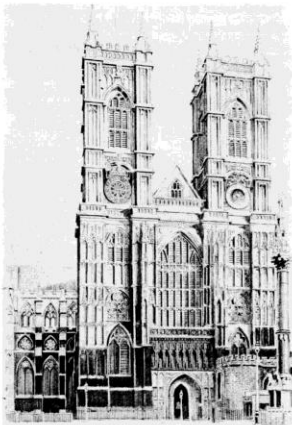


Houses of Parliament, London, UK.

at the
Medical Society of London,
Lettsom House,
11 Chandos Street,
Cavendish Square,
London W1M 0EB

Medical Physics European Meeting

London U.K.
May 9th - 11th 1979



Westminster Abbey, London, UK.

Organised by:
The Hospital Physicists' Association,
47 Belgrave Square,
London SW1 8QX

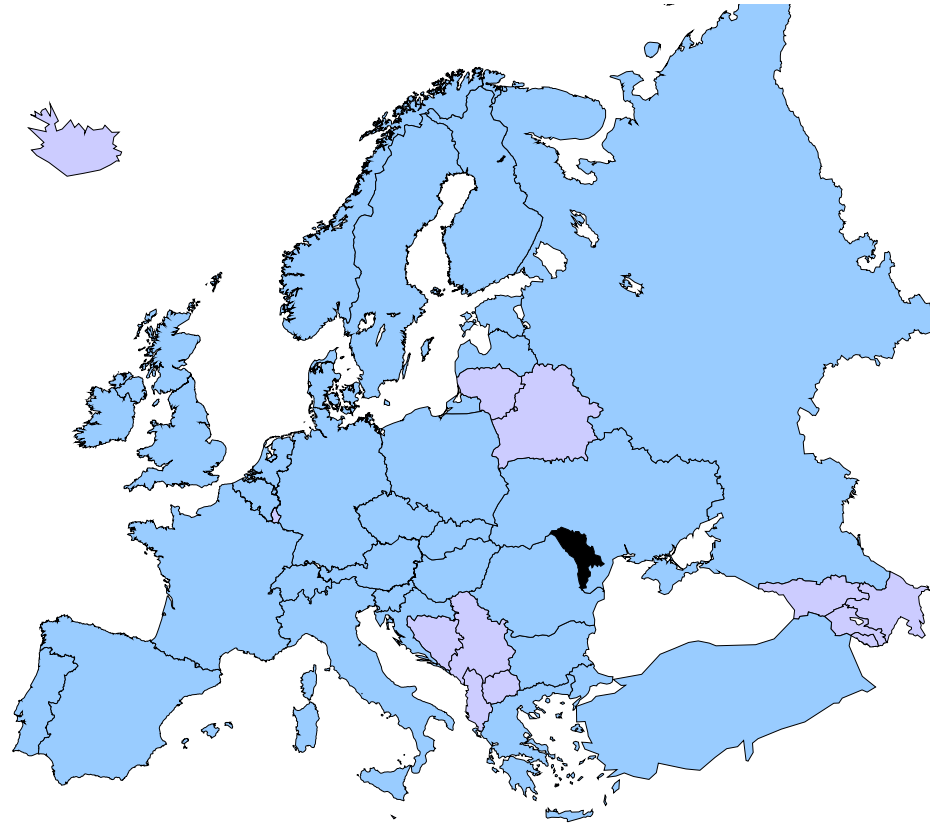


*Founder Members of EFOMP (above),
pictured at the inaugural meeting in London,
programme cover (left)*



Members, 2007

Algeria
Austria
Belgium
Bulgaria
Croatia
Cyprus
Czechia
Denmark
Eire
Estonia
Finland
France
FYRO Macedonia
Germany
Greece
Hungary
Israel
Italy
Latvia



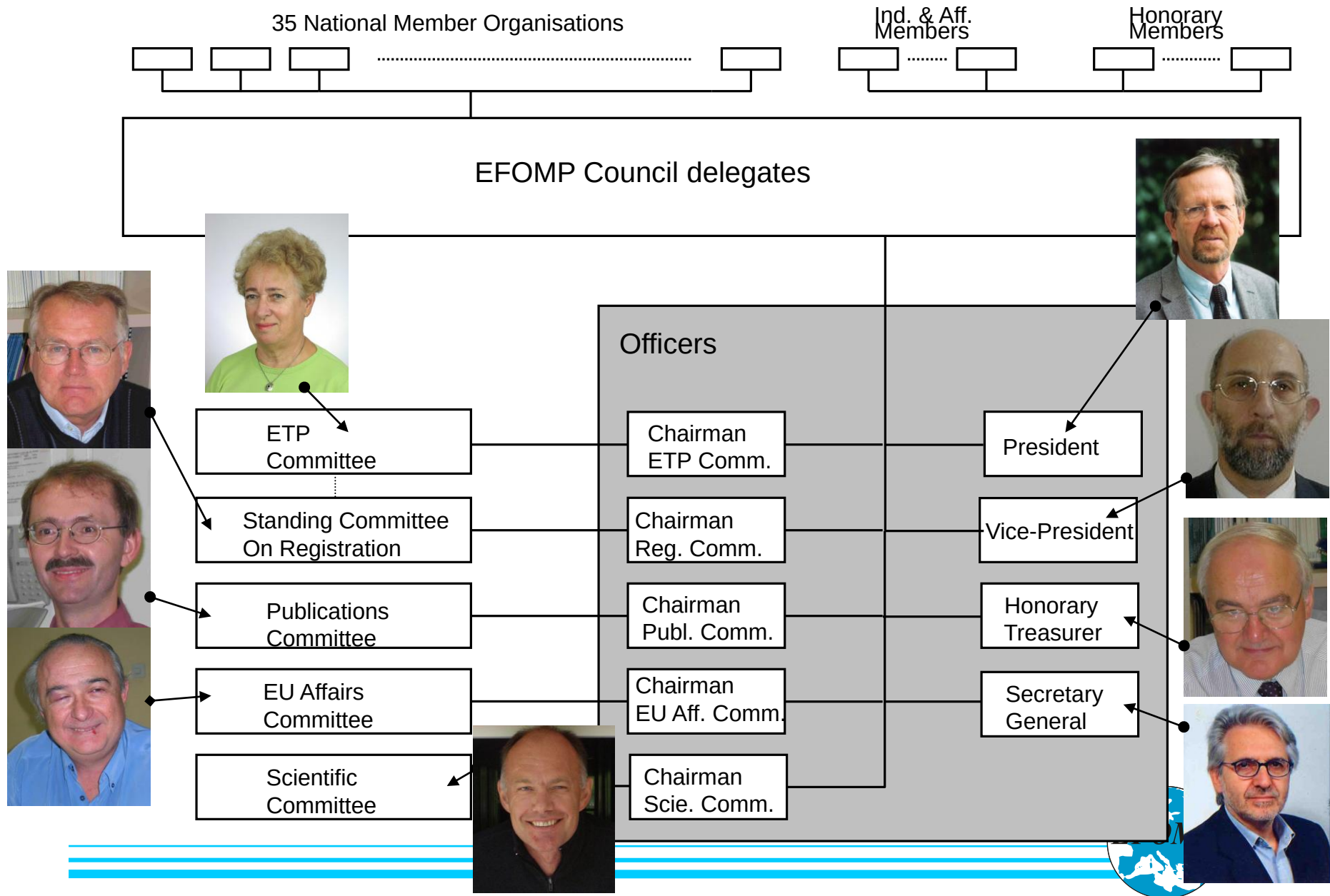
Moldova
Netherlands
Norway
Poland
Portugal
Romania
Russia
Serbia (and
Montenegro)
Slovakia
Slovenia
Spain
Sweden
Switzerland
Turkey
Ukraine
United Kingdom

35 NMOs

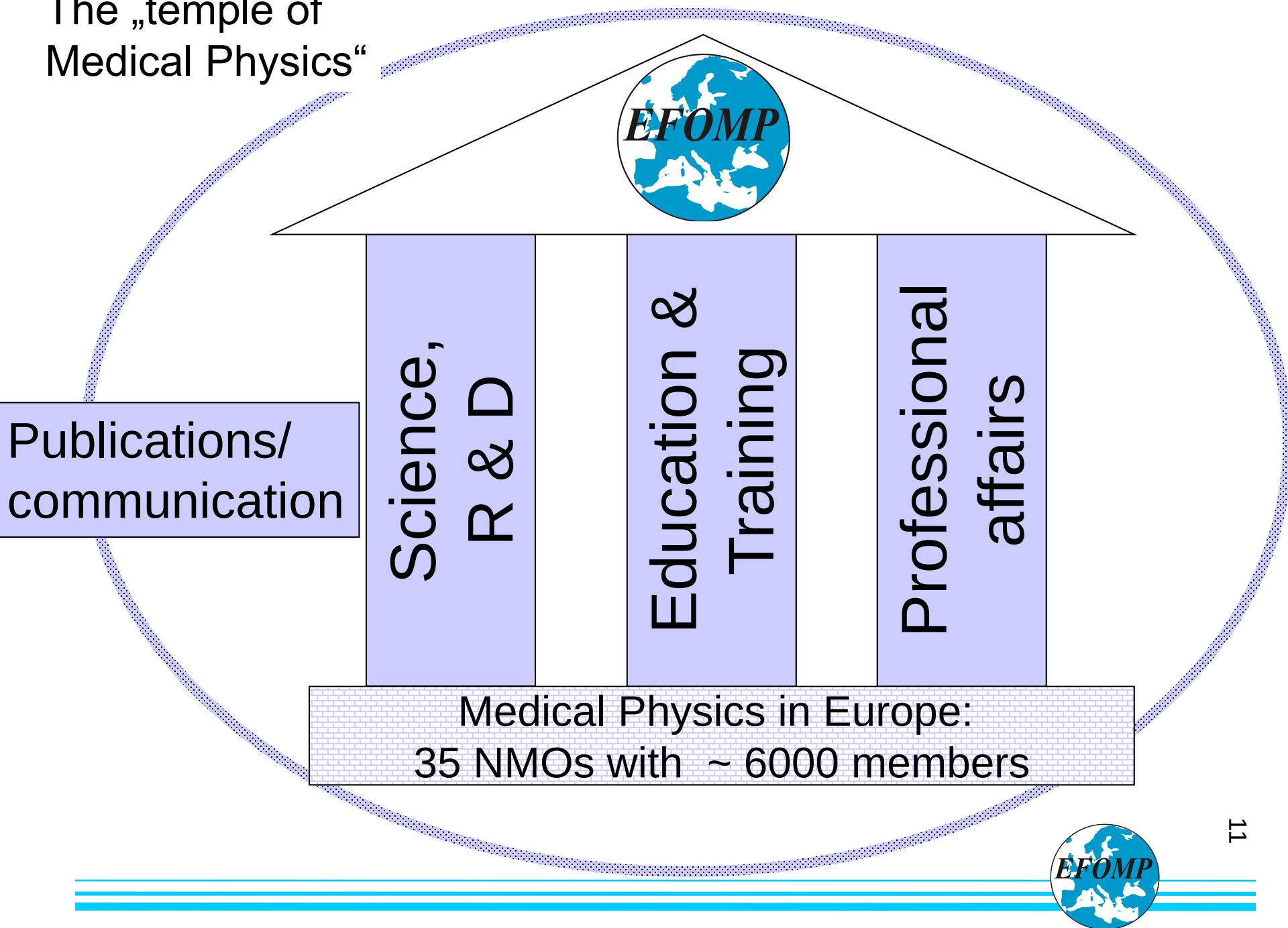
Affiliated: South Africa

The European Federation of Organisations for Medical Physics

The EFOMP Structure diagram



The „temple of Medical Physics“



Aim:

Promote science in the Medical Physics area

Scientific committee:

- Co-operate and interact with other organisations (ESR, EANM, ESTRO,ESMRMB...)
- EFOMP Congresses, Support of Meetings and Courses

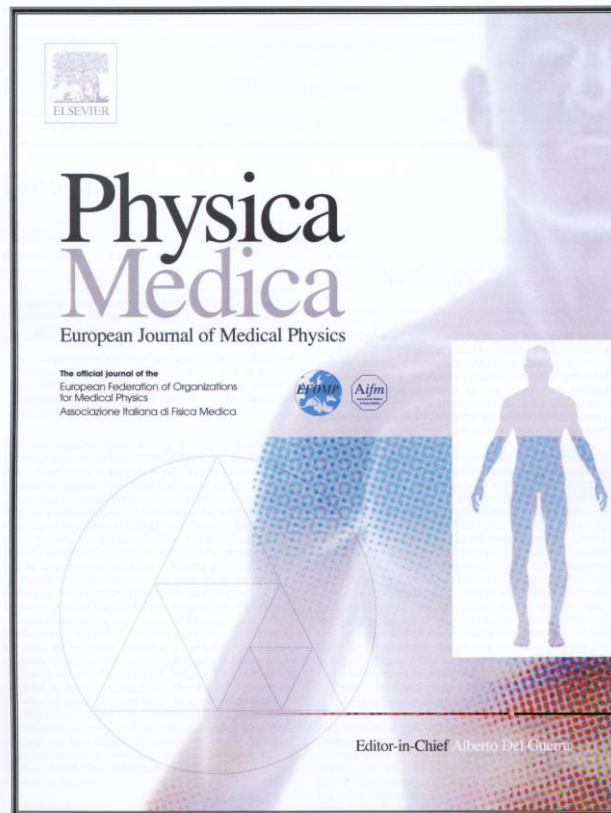


The Medical Physics and Biomedical Engineering World Conference 2009



● New : EFOMP Journal:

“Physica Medica”/ European Journal of Medical Physics



Scope:

- *Medical Imaging*
- *Radiation Therapy*
- *Radiation Protection*
- *Measuring Systems and Signal Processing*
- *Education and training in Medical Physics*

<http://intl.elsevierhealth.com/journals/ejmp>

NOW PUBLISHING WITH ELSEVIER



EFOMP's goals

- Adequate Education and Training in all European Countries
- Registration as a QMP or SMP
 - ✓ To guarantee qualification
 - ✓ To enable mobility within European countries

Aim:

Promote and harmonize European education and training in Medical Physics

ETP committee:

EFOMP Guidelines & Policy Statements, e.g.:

- No. 8: **Continuing Professional Development for the Medical Physicist**,
[*Physica Medica* XIV (1998) 81-83]
- No. 9: **Radiation Protection of the Patient in Europe: The Training of the Medical Physics Expert in Radiation Physics or Radiation Technology** [*Physica Medica* XV (1999) 149-153]
- No. 10: **Recommended Guidelines on National Schemes for Continuing Professional development of Medical Physicists**. [*Physica Medica* XVII (2001) 97-101]
- **Report by the EFOMP ETP Committee:** The Present Status of Medical Physics Education and Training in Europe. New perspectives and EFOMP Recommendations (to be published as policy statement 12)



Working groups

- ESTRO/EFOMP working group 2002-2003
Guidelines for education and training of medical physicists in radiation oncology
[Teresa Eudaldo et al., Radiother. Oncol. 70 (2004) 125-135]
- EFOMP working group 2006-?
Guidelines for education and training of medical physicists in radiology
- EFOMP working group 2006-?
European network of Medical Physics Training Schools (ENMPS)



Aim:

Promote the Medical Physics profession and best practice of Medical Physics in Europe

ETP & Registration & EU committees

EFOMP Guidelines & Policy Statements, e.g.:

- No. 2: **The Roles, Responsibilities and Status of the Clinical Medical Physicist**, 1984.
- No. 5: **Departments of Medical Physics - Advantages, Organisation and Management**, Sept. 1993 [*Physica Medica* XI, 3(1995)126-128]
- No. 6: **Recommended guidelines of National Registration Schemes for Medical Physicists**, Sept. 1994 [*Physica Medica* XI, 4(1995)157-159]
- No. 7: **Criteria for the Staffing Levels in a Medical Physics Department** (*pdf file-40 kB*), Sept. 1997 [*Physica Medica* XIII (1997) 187-194]

See also:

- **Quality assurance in radiotherapy: the importance of medical physics staffing levels. Recommendations from an ESTRO/EFOMP joint task group.**
[S. Beletti et al.; *Radiother. Oncol.* **41** (1996) 89-94]



Publication committee

EFOMP website:
<http://www.efomp.org>



European Federation of Organisations for Medical Physics

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Highlight News

Visit the EFOMP Workshop 'New technology in diagnostic radiology - Advances in molecular imaging' at ECR 2007 at Vienna on saturday 10th March 2007, 8:30-12:00h !

EFOMP Conferences:

The 10th EFOMP Congress - The First European Conference on Medical Physics- will be held 20 - 22. Sept. 2007 at Pisa, Italy.
See [Congress website](#) for further info!

EFOMP Update Bulletin

[EFOMP Update 2006/2007](#) (PDF file)

European Medical Physics News

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European School of Medical Physics (ESMP)

[10th session of the European School of Medical Physics \(ESMP\):](#)

25th October - 27. November 2007,

Application deadline: 15th June 2007



Conclusion

- A lot has been reached during the last 25 years
- But there are still many open problems in all three fields
- What are the most important future aims ?