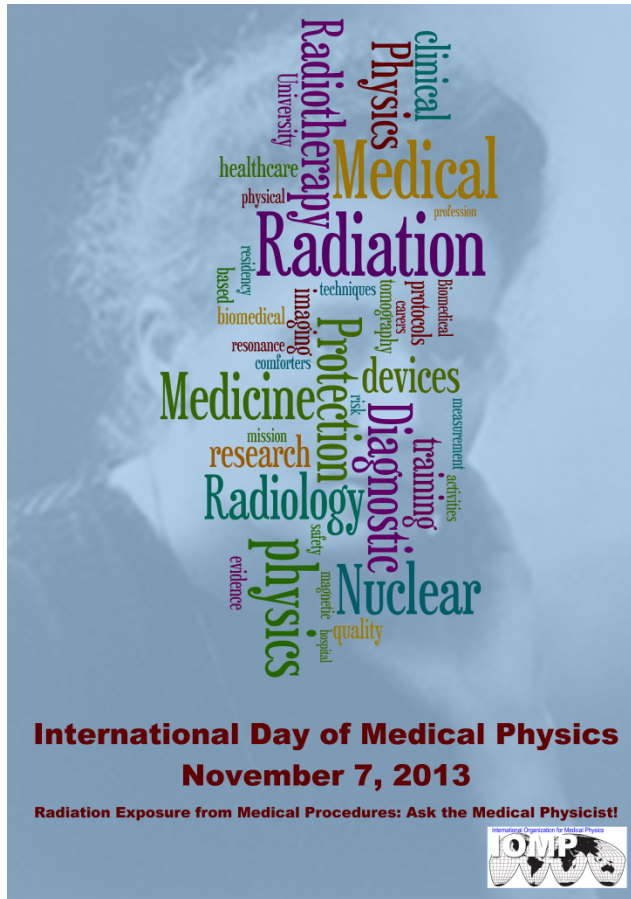




# JIPM 2013: 1ère journée International de Physique Médicale Symposium sur la collaboration internationale en physique médicale avec les pays à ressources limitées



**Actions, bilan et perspectives des organismes nationaux et internationaux directement concernés par la physique médicale et par la lutte contre le cancer**

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Past President IOMP

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# IOMP – International Cooperations

**ICSU**

**IUPAP**

**IUPAB**

**IAEA**

**WHO**

**IRPA**

**ICRP**

**ICRU**

**ISR**

**ILO**

**BIPM**



# Challenges, Opportunities, Limitations

Translation of international regulations and recommendations to the national level

- Basic Safety Standards of the IAEA
- Professional Recognition & State Regulation of the Medical Physicist as a Health Professional (ILO-ISCO08 Classification of Occupations)
- Harmonization of Education & Training Standards
- Certification, Accreditation, Curricula
- Programs dedicated to Developing Countries

# Professional Certification

Certification by a national or international body  
(State registration/licensing)

Medical Physics organizations or health competent authorities to establish their national certification system

Alternatively, certification by an external body

Audit of the national certification system

Professional competency maintenance scheme by a mandatory CPD scheme (national or external)

# Developing Countries

Most developing countries are lacking of

- Sufficient Medical Specialists (incl. Medical Physicists)
- Appropriate Equipment & Instrumentation
- Essential Infrastructure

IOMP plays an active role to support health care in developing countries:

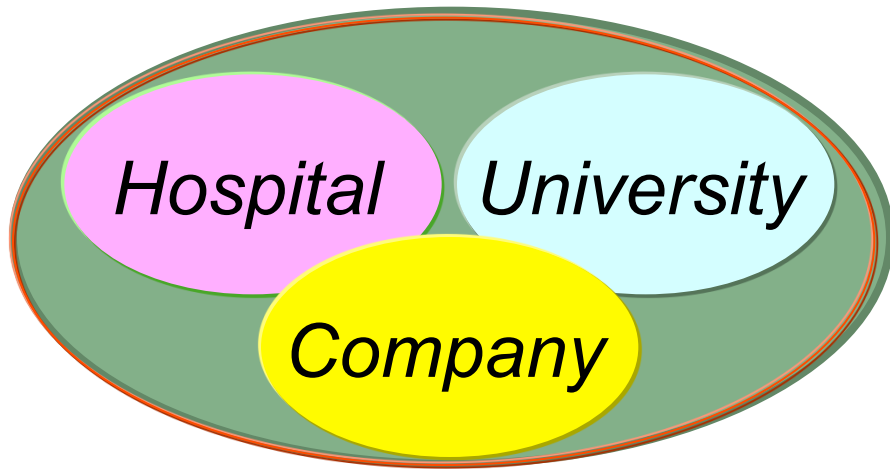
- Global Health Forum (WHO): Radiation Safety
- PACT/AGaRT (IAEA/WHO): Access to advanced RT Technologies (suitable, affordable, reliable)

IOMP organizes dedicated Workshops / Courses and provides a travel grant program

# Key issues of a basic E&T system

- Sustainability by continuous repetition of courses
- Prevention of brain drain by on-site training
- Product specific training by company staff
- Basic medical physics training according to agreed standards (IAEA teaching material, IOMP experts)
- Practicals on-site

# IOMP Proposal: Regional Networks for Basic Education & Training Courses



**WHO**

**IAEA**

**IOMP**

***Travel Grants***  
***Course Materials***  
***Selection of Experts***  
***Accreditation***

- **Location:** Customer's Hospital (Reference site of the company)
- **Academia:** Link to a local University
- **Faculty:** Preferably local & few foreign Trainers
- **Sustainability:** repeated courses, e.g. every 6-8 months
- **Course:** 2 modules, one week each
  - **Week 1:** Fundamental MP & Practicing (IOMP)
  - **Week 2:** First maintenance (Company Staff)



**International Day of Medical Physics  
November 7, 2013**

**Radiation Exposure from Medical Procedures: Ask the Medical Physicist!**



Merci beaucoup