

# The Health Technology Task Group (HTTG) of the



**International Union for Physical and Engineering Sciences in Medicine**

**Cari Borrás, D.Sc., FACR, FAAPM – HTTG Chair**

# IUPESM

## Incorporating

- **International Organization for Medical Physics**
- **International Federation for Medical and Biological Engineering**



**Affiliated to the  
International Council for Science (ICSU)**

# **HTTG Mission**

**To promote health and quality of life through the advancement of application and management of health technology. In pursuit of its mission, the HTTG promotes international cooperation and communication among those engaged in health-care technology**

# HTTG Charges

## To assist countries in:

- Defining their needs for health technology and human resources;
- Formulating policies and implementation strategies on acquisition and utilization of appropriate health technology;
- Developing appropriate infrastructure for adequate management and utilization of health technology;
- Identifying and rectifying health system constraints, particularly through training and capacity building.

**HTTG was created in 2006 by  
Barry Allen, then IOMP President**

**And it has been chaired by:**

- **2006-2010 Barry Allen (IOMP) and  
Joachim Nagel (IFMBE)**
- **2010-2012 Joachim Nagel (IFMBE) and  
Cari Borrás (IOMP)**
- **2012-2015 Cari Borrás (IOMP) and  
David Yadin (IFMBE)**

# **Scientific/Educational Workshops:**

## **One of the activities of the HTTG**

- **“Palliative Radiotherapy for Developing Countries”, Asia-Oceania Congress of Medical Physics 2008, Ho Chi Minh City, Vietnam**
- **“Defining the Medical Imaging Requirements for a Health Station”, ICMP 2011, Porto Alegre, Brazil**
- **“Telemedicine for Developing Countries”, WC 2012, Beijing, China**

# **Welcome to the Third HTTG Workshop**

**ICMP 2013, Brighton, UK**

**“Digital Imaging X-Ray Detectors:  
Historical Perspectives, Current  
Capabilities, Future Promises”**

# **3<sup>rd</sup> HTTG Workshop Objectives**

- To present physical characteristics of new digital x-ray detectors and selected clinical applications**
- To define image quality and radiation dose metrics and describe their measurements and trade-offs**
- To discuss practical aspects of initiating a digital radiology department, including costs, especially in resource-limited settings**