

## SPEAKERS

## UNDER THE PATRONAGE OF



**Prof. Siti Ariffin**  
Principal Fellow,  
PERMATA pintar Gifted Centre  
Universiti Kebangsaan Malaysia  
Selangor, Malaysia



**Dr. Wassim Jalbout**  
Clinical Medical Physicist,  
Radiation Oncology Department  
American University of Beirut Medical Center  
Beirut, Lebanon



**Dr. Wamied Abdelrahman**  
Chief Medical Physicist,  
King Fahad Specialist Hospital  
Dammam, Saudi Arabia



**Dr. Nabil Maalej**  
Associate Professor, Medical Physics  
King Fahd University of Petroleum and Minerals  
Dhahran, Saudi Arabia



**Dr. Belal Mofhah**  
Chairman,  
Biomedical Physics Department  
King Faisal Specialist Hospital and Research centre  
Riyadh, Saudi Arabia



**Dr. Shada Wadi-Ramahi**  
Head, Medical Physics Section  
King Hussein Cancer Center  
Amman, Jordan



**Dr. Waleed Al-Najjar**  
Adjunct Chief Medical Physicist,  
King Faisal Specialist Hospital and Research Centre  
Riyadh, Saudi Arabia



**Dr. Mohammad Al-Shabanah**  
Head,  
Radiation Oncology Section  
King Faisal Specialist Hospital and Research Centre  
Riyadh, Saudi Arabia



**Prof. Brian Thomas**  
Adjunct Professor,  
Queensland University of Technology  
Brisbane, Australia



**H.E. Dr. Qasim Al Qasabi**  
Chief Executive Officer,  
King Faisal Specialist Hospital and  
Research Centre  
Riyadh, Saudi Arabia

## HONORABLE DIGNITARIES



**H.E. Dr. Hashim A. Yamani**  
President,  
King Abdullah City for Atomic & Renewable Energy  
Riyadh, Saudi Arabia



**H.E. Dr. Waleed Hussain Abulfaraj**  
Vice President,  
King Abdullah City for Atomic & Renewable Energy  
Riyadh, Saudi Arabia



**H.E. Dr. Daud Mohamad**  
Deputy Director General,  
International Atomic Energy Agency  
Vienna, Austria



**Dr. Sultan T. Al-Sedairy**  
Executive Director, Research Centre  
King Faisal Specialist Hospital and Research Centre  
Riyadh, Saudi Arabia



**Dr. Abdulrahman A. Al-Rajhi**  
Executive Director,  
Academic & Training Affairs  
King Faisal Specialist Hospital and Research Centre  
Riyadh, Saudi Arabia



**Dr. Mohammed Garwan**  
Atomic Energy Team Leader,  
King Abdullah City for Atomic and Renewable Energy  
Riyadh, Saudi Arabia



**Dr. Ahmed Meghzifene**  
Head, Dosimetry and Medical Radiation Physics Section  
Division of Human Health  
International Atomic Energy Agency  
Vienna, Austria

# IAEA Train-The-Trainer (TTT) Workshop for Medical Physics Residency Program

Venue: King Faisal Specialist Hospital & Research Centre  
Riyadh, Saudi Arabia  
January 21 - 22, 2013



## Coordinators

**Prof. Brian Thomas**  
Adjunct Professor,  
Queensland University of Technology  
Brisbane, Australia

**Dr. Ahmed Meghzifene**  
Head, Dosimetry and Medical Radiation Physics Section  
Division of Human Health  
International Atomic Energy Agency  
Vienna, Austria

**Dr. Belal Mofhah**  
Chairman, Biomedical Physics Department  
Head, Radiation Physics  
King Faisal Specialist Hospital & Research Centre  
Riyadh, Kingdom of Saudi Arabia

## Organizers

King Faisal Specialist Hospital & Research Centre (KFSH&RC)  
King Abdullah City for Atomic and Renewable Energy (K.A.CARE)  
International Atomic Energy Agency (IAEA)



# Program Schedule

## Inaugural Ceremony

Monday, January 21, 2013, 10:00 - 11:00 AM  
Venue: Prince Salman Auditorium

### Designation of KFHS&RC as an IAEA Collaborating Centre and Launching of IAEA ARASIA Medical Physics Residency Program

#### Opening Remarks

10:05 AM **Dr. Belal Mofthah**  
Chairman, Biomedical Physics Department  
King Faisal Specialist Hospital and Research Centre

10:10 AM **Dr. Abdulrahman A. Al-Rajhi**  
Executive Director, Academic & Training Affairs  
King Faisal Specialist Hospital and Research Centre

#### Honorable Dignitaries Addresses

10:15 AM **H.E. Dr. Hashim A. Yamani**  
President,  
King Abdullah City for Atomic & Renewable Energy

10:20 AM **H.E. Dr. Daud Mohamad**  
Deputy Director General,  
International Atomic Energy Agency

#### Patronage Address

10:25 AM **H.E. Dr. Qasim Al Qasabi**  
Chief Executive Officer,  
King Faisal Specialist Hospital and Research Centre

#### Awarding of IAEA Collaborating Centre Plaque

10:30 AM **H.E. Dr. Daud Mohamad**  
Deputy Director General,  
International Atomic Energy Agency

#### Ribbon-Cutting for the First Clinical Radiotherapy TrueBeam System in the Kingdom

10:30-11:00 AM **Coordinator:  
Dr. Mohammad Al-Shabanah**  
Head, Radiation Oncology Section  
King Faisal Specialist Hospital and Research Centre

11:00 - 11:15 AM **COFFEE BREAK**

Monday, January 21, 2013

Venue: Biomedical Physics Conference Room  
Research Centre

### Official Opening of the Train-The-Trainer (TTT) Workshop

11:15 - 11:20 AM **International Atomic Energy Agency**  
*Prof. Daud Mohamad*

11:20 - 11:25 AM **King Faisal Specialist Hospital & Research Centre**  
*Dr. Sultan Al-Sedairy*

11:25 - 11:30 AM **King Abdullah City for Atomic & Renewable Energy**  
*Dr. Mohammed Garwan*

11:30 - 11:40 AM **IAEA's Efforts to Strengthen Clinical Training Programmes in Medical Radiation Physics**  
*Dr. Ahmed Meghziifene*

11:40 - 11:50 AM **Outline and Objectives of the TTT Workshop**  
*Prof. Brian Thomas*

11:50 - 12:00 NN **Overview of the ARASIA Clinical Training Program**  
*Dr. Belal Mofthah*

#### 12:00 - 1:00 PM **LUNCH BREAK**

1:00 - 1:30 PM **Educational Measurements and Evaluation**  
*Prof. Siti Ariffin*

1:30 - 1:40 PM **Importance of Clinical Aspects of a Medical Physics Residency**  
*Dr. Mohammad Al-Shabanah*

1:40 - 2:10 PM **The IAEA Clinical Training Guide, TCS-37**  
*Prof. Brian Thomas*

2:10 - 2:30 PM **ARASIA Residency Manual**  
*Dr. Belal Mofthah*

2:30 - 3:10 PM **Implementing Modules**  
*Prof. Brian Thomas*

#### 3:10 - 3:15 PM **Discussions**

#### 3:15 - 3:30 PM **COFFEE BREAK**

3:30 - 3:50 PM **Experience of and Lessons Learned from Previous Similar Training Programs in the RCA Nations**  
*Prof. Brian Thomas*

3:50 - 4:05 PM **Experience of and Lessons Learned from KFHS&RC Training Programs in Saudi Arabia**  
*Dr. Belal Mofthah*

4:05 - 4:15 PM **Experience of and Lessons Learned from McGill Residency Program**  
*Dr. Wameed Abdul Rahman*

#### 4:15 - 4:30 PM **Discussions**

4:30 - 5:45 PM **ARASIA Residency Steering Committee Meeting**

Tuesday, January 22, 2013

Venue: Biomedical Physics Conference Room  
Research Centre

08:30 - 08:45 AM **King Fahad University of Petroleum and Minerals MSc Program**  
*Dr. Nabil Maalej*

08:45 - 09:00 AM **Commission on Accreditation of Medical Physics Educational Programs (CAMPEP)**  
*Dr. Waleed Al-Najjar*

09:00 - 09:15 AM **Accreditation & Certification in Australia**  
*Prof. Brian Thomas*

09:15 - 09:30 AM **Certification Process for Medical Physicists: ARASIA Board of Medical Physics (ArBMP)**  
*Dr. Shada Wadi-Ramahi*

09:30 - 9:45 AM **Accreditation of ARASIA Residency Programs**  
*Dr. Wassim Jalbout*

#### 9:45 - 10:00 PM **Discussions**

#### 10:00 - 10:30 AM **COFFEE BREAK**

10:30 - 11:15 AM **The Role and Responsibilities of the Clinical Supervisor**  
*Prof. Brian Thomas*

11:15 - 11:45 AM **Responsibilities of Residents**  
*Dr. Shada Wadi-Ramahi*

#### 11:45 - 1:00 PM **LUNCH BREAK**

1:00 - 1:30 PM **Assessment and Reporting Requirements Including Approaches to Assessment of Competency Conduct of the Final Exams**  
*Prof. Brian Thomas*

1:30 - 2:15 PM **Schedule of ARASIA Training Program**  
*Dr. Belal Mofthah*

#### 2:15 - 2:45 PM **Discussions**

#### 2:45 - 3:00 PM **Wrap up/Conclusion**

#### 3:30 - 4:30 PM **Tours of KFHS&RC Facilities**