



مستشفى الملك فيصل التخصصي ومركز الأبحاث  
King Faisal Specialist Hospital & Research Centre  
Gen. Org. مؤسسة عامة



World Health  
Organization



# ICRM2018

# 5TH INTERNATIONAL CONFERENCE ON RADIATION MEDICINE

CLINICAL APPLICATIONS AND INNOVATIVE APPROACHES

KING FAISAL SPECIALIST HOSPITAL & RESEARCH CENTRE AND ALFAISAL UNIVERSITY, RIYADH, KSA  
25 - 29 JUMADA AL AWAL 1439 / 11 - 15 FEBRUARY 2018

## MEDICAL 3D PRINTING Track

DATE: February 13 - 15, 2018

VENUE: Alfaisal University and KFSH&RC

### SPEAKERS



**Annan Sheikh, MD**  
Musculoskeletal & Emergency Radiologist,  
Head and Fellowship Director,  
Emergency/Trauma Radiology  
Director, Advances Musculoskeletal Interventions  
Medical Director & Associate Editor,  
3D Printing in Medicine  
Associate Professor, University of Ottawa  
The Ottawa Hospital  
Ottawa, Ontario, Canada



**Philip Poortmans, MD, PhD**  
Head, Dept. of Radiation Oncology  
Marie Curie Professor Paris Science  
& Lettres, Institut Curie  
ESTRO, Past-President  
ECCO, President-Elect  
Paris, France



**Mashaal AlRujaib, MD**  
Consultant, Cardiothoracic  
Radiology Department  
Director, Medical Quality  
Management  
King Faisal Specialist Hospital  
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Riyadh, Saudi Arabia



**James Robar, PhD, FCCPM**  
Chief, Medical Physics, NSHA  
Professor, Dept. of Radiation Oncology,  
Dept. of Physics & Atmospheric Science  
Dalhousie University  
Halifax, Canada



**Francois Deblois, PhD, FCCPM**  
Chief, Physics in Radiation Oncology,  
Centre Hospitalier Universitaire de Montreal  
Assistant Professor, University of Montreal  
Adjunct Professor, McGill University,  
Montreal, Canada



**Salam Dib, RDT**  
Co-Chair, Medical 3D Printing Track  
Manager, Dental Laboratory  
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**Ahmed Nobah, MSc, DABR**  
Chair, Medical 3D Printing Track  
Medical Physicist,  
Radiation Oncology Physics,  
Biomedical Physics Department  
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**Mohammad Geraty, BSc, MPhil**  
Senior Dental Laboratory,  
Dental Laboratory  
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**Ahmad AlShadwi, BDS, CAGS**  
Associate Consultant, Oral And  
Maxillofacial Surgeon  
Dentistry Department  
King Faisal Specialist Hospital &  
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**Dr. Mohammed Ahmed Al Attas**  
Subspecialty Consultant,  
Dental Implant and Maxillofacial  
Prosthodontics, Dentistry  
Department  
King Saud Medical City  
Riyadh, Saudi Arabia



**Dr. Adel Ahmed Huzaimi**  
Subspecialty Consultant,  
Maxillofacial,  
Dentistry Department  
King Fahad Medical City  
Riyadh, Saudi Arabia



### Program Highlights

- **Medical 3DP:** 3DP Technologies, Segmentation/ Modeling Tools, and Clinical Workflow
- **Clinical Applications:** Radiology, Cardiothoracic, Orthognathic Surgery, Head & Neck Reconstruction, Medical Physics and Radiotherapy
- **Example - Clinical Facilities**
  - Ottawa Medical 3DP Lab
  - KFSH&RC Medical 3DP Lab
- **Hands-on Workshop**
  - Introduction to 3DP
  - Heart-Aorta: Segmentation, Modeling, and 3D Printing
  - H&N Case: Segmentation, Modeling, and 3D Printing
  - Radiotherapy Applications: Ion Chambers Holders, Patient Specific Bolus, QA Phantoms

CHAIR: **Ahmad Nobah, MSc DABR**

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