



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



# 7<sup>th</sup>

# ICRM2022

## INTERNATIONAL CONFERENCE ON RADIATION MEDICINE

Virtual Event, Hosted by King Faisal Specialist Hospital & Research Centre, Riyadh, Saudi Arabia

12 - 16 RAJAB 1443 | 13 - 17 FEBRUARY 2022

CLINICAL APPLICATIONS AND INNOVATIVE APPROACHES

Overview

The Emerging Technologies track highlights how technological advancements can be utilized to improve the quality of clinical services and education for patients and medical professionals, respectively. The 3D Visualization & Simulation technologies have been introduced to the healthcare sector as a tool for clinical and medical education purposes. In the 3D Visualization & Simulation sub-track, we will present how Mixed/ Augmented/ Virtual Reality (MR/AR/VR) and virtual simulation technologies have been used in the past few years as an educational and training tool for medical residents and students. Introducing gaming applications in medical education as part of the track will be introduced for the first time in the region. We will also highlight how these technologies can assist in surgical procedures for thoracic surgery.

Topics

- AI In Radiology
- Future Directions of Radiation Oncology
- Emerging Technologies in Health Professions Education
- Advanced 3D Visualizations technologies - COVID19 Era
- 3D Visualization & Simulation In Medical Education
- 3D Visualization - Clinical Applications
- Simulation: A Tool for Medical Education

Workshops

- 3D Visualization & Simulation For Educating Medical Students
- Augmented Reality: A Training Tool For Surgery/Education
- 3D Visualization In Thoracic Surgery
- Virtual Reality: As A Training Tool



## Emerging Technologies Track



## 3D Visualization & Simulation Sub-Track

Tuesday-Wednesday; February 15 - 16, 2022

### Speakers/ Scientific Committee Members



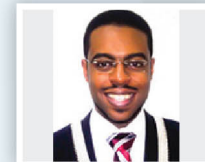
**Abdulaziz Boker, MD**  
King Abdulaziz University  
Jeddah, Saudi Arabia



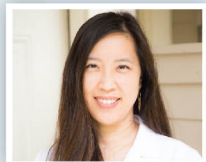
**Ahmad Nobah, MSc, DABR**  
King Faisal Specialist  
Hospital & Research Centre  
Riyadh, Saudi Arabia



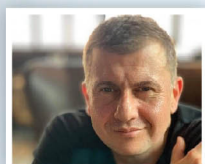
**Anne Weaver**  
Fitchburg State  
University, UMass Chan  
Medical School  
Worcester,  
Massachusetts, USA



**Ayman Awad, MD**  
Alfaisal University  
Riyadh, Saudi Arabia



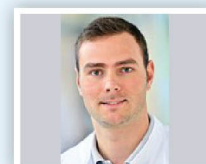
**Candace Pau, MD**  
Kaiser Permanente  
Bernard J. Tyson School  
of Medicine  
Pasadena, California, USA



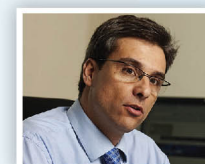
**Daniel Salcedo, MD, MHPE**  
Wanfang Hospital,  
Taipei Medical University,  
Taipei, Taiwan



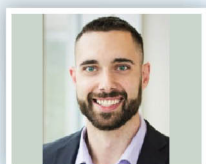
**Deborah Lee, PhD**  
University of Michigan  
School of Nursing  
Ann Arbor, Michigan, USA



**Jan Arensmeyer, MD**  
University Hospital Bonn  
Bonn, Germany



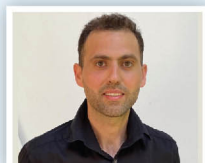
**Juan Ruiz Alzola, MD**  
University of Las Palmas  
de Gran Canaria  
Canary Islands, Spain



**Justin Sutherland, PhD, MCCPM**  
University of Ottawa  
Ottawa, Canada



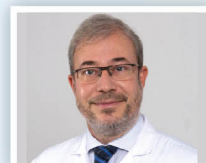
**Michelle Aebbersold, PhD**  
University of Michigan  
School of Nursing  
Ann Arbor, Michigan, USA



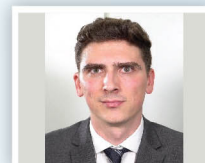
**Mohammad Hamdallah, MSc**  
Labster  
USA



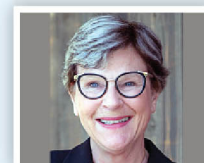
**Nikos Makris, MD, PhD**  
Harvard Medical  
School, Boston,  
Massachusetts, USA



**Norberto Rodriguez, MD**  
King Faisal Specialist  
Hospital & Research  
Centre,  
Riyadh, Saudi Arabia



**Philipp Feodorovici, MD**  
University Hospital  
Bonn  
Bonn, Germany



**Suzan Kardong-Edgren, PhD**  
MGH Institute of Health  
Professions, Boston,  
Massachusetts, USA

Chair: **Ahmad Nobah, MSc**  
Co-chair: **Waleed Althobaity, MD**  
Co-chair: **Ahmad Abusalah, PhD**

Email: ANobah@kfshrc.edu.sa  
Email: walthobaity@kfshrc.edu.sa  
Email: abusalah@kfshrc.edu.sa

Tel. No.: 0112162919 ext: 48899  
Tel. No.: 0112162919 ext: 46545  
Tel. No.: 0112162919 ext: 44659

For more information, please contact

+966 (11) 442-7879 | icrm@radmed.org | www.radmed.org



@RADMED\_ICRM