



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



7th

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 are being introduced to clinical workflow. Artificial Intelligence (AI) has rapidly emerged in the past decade as an effective tool for supporting clinical decisions and workflow operations in healthcare. The Radiation Medicine AI sub-track will address the uses of AI in radiology and radiation oncology.

Topics

- Assuring High-Quality AI Science in Radiology
- Emerging Technologies in Health Professions Education
- AI Advancements in Radiation Medicine
- Advanced 3D Visualizations technologies - COVID19 Era
- Integrating AI in Radiological Workplaces - Concepts, Requirements, and implementation
- MEDomics : integrative data modeling in oncology
- AI in MSK Radiology Options, Opportunities, and Obstacles
- Artificial Intelligence in radiotherapy
- AI in Radiation Oncology: Current status and future directions
- Automated Contouring & Planning for LMIC
- Radiation Oncology AI - Synthetic CT from IGRT CBCT
- Radiation Oncology AI - Synthetic CT from MRI



Emerging Technologies Track

AI in Radiation Medicine Sub-Track

Tuesday, February 15, 2022 | 13:00 - 21:00

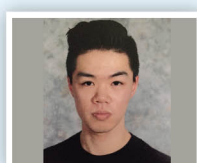
Speakers/ Scientific Committee Members



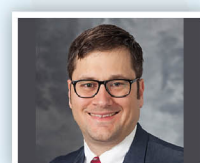
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Alan Guo, MSc CHUM
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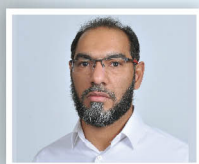
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Charles Kahn, MD
University of Pennsylvania
Perelman School of Medicine, Philadelphia, Pennsylvania, USA



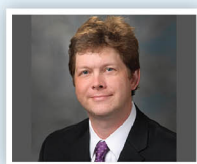
Issam El Naqa, PhD, DABR, FAAPM, FIEEE
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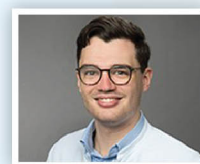
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Laurence Court, PhD
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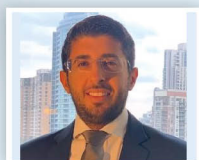
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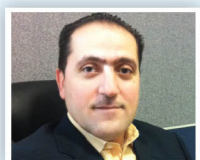
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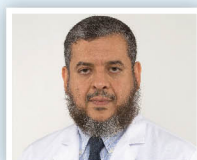
Maryellen Giger, PhD
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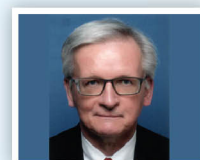
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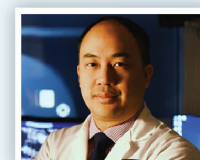
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Co-chair: **Ahmad Abusalah, PhD**

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