



Keynote 4



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Sensors in Medical Imaging Applications – Challenges, Solutions and Opportunities

Abstract:

In a world with a growing and aging population, medical imaging is a rapidly expanding application spanning a wide range of modalities and technologies. The talk will introduce imaging technologies and their sensors. Based on Siemens Healthineers' latest Alpha-class photon-counting computed tomography scanners, challenges and solutions for sensor development will be presented. Furthermore, opportunities for transfer into other fields will be highlighted.