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## AI in nuclear medical imaging context (remote presentation)

*Thursday 8 September 2022 16:00 (1 hour)*

The evolution of machine learning approaches with the introduction of deep learning techniques, has led to an exponential increase in the use of Artificial Intelligence (AI) in a variety of application areas, including the healthcare field. Within this context, AI has been introduced at different steps of medical imaging, covering the simulation of imaging devices, image formation including tomographic reconstruction and image related corrections to image processing for the subsequent exploitation of reconstructed images. The latest advances in the field of medical image formation and processing will be covered during this presentation including an insight on the potential interest of AI from a clinical perspective.

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