

How Low can CT Dose Go?

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Frederic Noo, and Marc Kachelrieß



Outline

- **Introduction (2 min, Marc Kachelrieß)**
- **Options for Automatic Exposure Control (25+2 min, Joscha Maier)**
- **Optimization of X-Ray Spectra (25+2 min, Michael McNitt-Gray)**
- **Dynamic Fluence Field Modulation Techniques (25+2 min, Grace Gang)**
- **Are the Dose Reduction Claims Justified? (25+2 min, Frederic Noo)**
- **Summary and Outlook (5 min, Marc Kachelrieß)**
- **Discussion (5 min, all)**



Anything Missing?

- What about **photon counting detector technology**?
- Where is **deep learning-based imaging**?
- **These are hot topics!**
- There are sufficiently many presentations, findings, estimations, claims elsewhere at this conference and at other meetings.
- We will discuss those briefly in the outlook presentation.



Let's Get Started!

