



**2022**

# CT Physics Update: Dose & Imaging Quality

This webinar course will provide an opportunity for medical physicists to increase their understanding of computed tomography, advanced features of scanners, and of the accreditation process. Manufacturer-specific information on scanner features will be presented.

**Mar 12-13 | Webinar Course**

**11.75 MPCECs & 14 Category A Credits**

**SCHEDULE**

**Day One**

- Computed Tomography: A Review of the Technologies
- CT Reconstruction Basics
- Image Quality & Dose - Tech Perspective
- CT Image Quality Metrics
- Techniques for Measuring CT Dose
- Practical CT Clinical Dose Reporting
- Work Flow and CT Protocols
- CT Accreditation Overview
- Factors Affecting CT Protocols and Dose

**Day Two**

- Pitfalls and Solutions to Accreditation Submissions
- CT Testing and QA for Physicists and Technologists
- Dual Energy Technology
- Using Dose Tracking Software for Optimization
- Fetal Dose
- The Physicist's Role in Optimizing CT Protocols & Dose

**Faculty:**

- Frank Dong, PhD
- Mark Bake, DBA, MS, BS, RT(R)(CT)
- Max Amurao, PhD, MBA, DABR(D.N), MRSE, CMLSO
- Sandra Larson, PhD
- Sandra Halliburton, PhD

Tuition	price	early price
Physicist	\$900	\$865
Technologist	\$900	\$865
5 SAMs	\$150	
become an MTMI member	\$39 yearly fee	

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It does not however, endorse any product used or referred to in the program.