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# Joint ICTP-IAEA Workshop on Monte Carlo Radiation Transport and Associated Data Needs for Medical Applications | (smr 3978)

Wednesday 30 October 2024

**BEAMnrc and variance reduction - Kastler Lecture Hall (AGH) (09:00-18:00)**

time	title	presenter
09:00	Lecture 10: BEAMnrc introduction and main inputs	DAVID WILLIAM OLIVER ROGERS
10:00	Lecture 11: BEAMnrc sources and component modules	BLAKE REGINALD WALTERS
10:30	COFFEE	
11:00	Lab 4: Run BEAMnrc simulations	BLAKE REGINALD WALTERS
12:30	LUNCH	
14:30	Lecture 12: Statistical uncertainty in EGSnrc applications	HUGO BOUCHARD
15:00	Lecture 13: Variance Reduction Techniques	IWAN KAWRAKOV
16:00	COFFEE	
16:30	Lab 5: Explore calculation efficiency and variance reduction	HUGO BOUCHARD