
15th EURADOS School

“Computational Methods in Dosimetry – State of the Art and Emerging Developments”

Scientific Committee: Hans Rabus, Marie-Anne Chevallier,
Rick Tanner, Filip Vanhavere

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WG 6 Intercomparisons



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Radiation Measurements

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Virtual Special Issue

“EURADOS Intercomparisons in Computational Dosimetry”

1. M. Zankl et al., Radiation Measurements 145, 106596 (2021)
2. J.M. Gómez-Ros et al., Radiation Measurements 145, 106612 (2021)
3. M. Zankl, Radiation Measurements 146, 106611 (2021)
4. H. Rabus et al., Radiation Measurements 147, 106637 (2021)
5. J. Eakins et al., Radiation Measurements 148, 106649 (2021)
6. M. Zankl et al., Radiation Measurements 148, 106661 (2021)
7. M. De Saint-Hubert et al., Radiation Measurements 149, 106665 (2021)
8. C. Villagrasa et al., Radiation Measurements 150, 106675 (2022)
9. M. De Saint-Hubert et al., Radiation Measurements 150, 106693 (2022)
10. C. Huet et al., Radiation Measurements 150, 106695 (2022)
11. J.M. Gómez-Ros et al., Radiation Measurements 153, 106755 (2022)
12. H. Rabus et al., Radiation Measurements , accepted 11 June 2022

15th EURADOS School on June 23rd, 2022

Time	Topic	Speaker	
9:05	Introduction to Computational Dosimetry	Paolo Ferrari	
9:35	Monte Carlo Radiation Transport Simulations	Vladimir Markovic	
10:05	Unfolding Neutron Spectra from Bonner Sphere Measurements	Carles Domingo Miralles	IC
10:35	EURADOS Intercomparisons in Computational Dosimetry	Rick Tanner	IC
11:30	OpenDose3D, a free/open clinical dosimetry software for nuclear medicine	Manuel Bardiès	
12:00	New developments in radiotherapy treatment planning with particle beams	Emanuele Scifoni	
12:30	Accelerating Monte Carlo simulations	Francesc Salvat-Pujol	
14:30	Implementing ICRP computational reference phantoms in different exposure scenarios	Maria Zankl	IC
15:00	Personal online dosimetry using flexible computational phantoms	Pasquale Lombardo	
15:30	Data Processing in Radiation Protection Dosimetry	Robert Bernat	
16:00	The emerging role of artificial intelligence in internal radiation dosimetry	Habib Zaidi	