SSD Summer School / Marko Moskovitch School in conjunction with SSD19

Time: Wednesday 11 to Saturday 14 September, 2019
Venue: Hiroshima University (Kasumi, Minami-ku, Hiroshima City)

	Date in 2019			
Time	Wed 11 Sep	Thu 12 Sep	Fri 13 Sep	Sat 14 Sep
9:00 - 10:00		3. Retrospective dosimetry	8. Dosimetry in space and aviation	13. Neutron dosimetry and spectrometers
		Coffee break	Coffee break	Coffee break
10:20 - 11:20		4. Luminescence dosimetry	9. 3D polymer gel dosimetry	14. Personal and Environmental Dosimetry
		Coffee break	Coffee break	Coffee break
11:40 - 12:40		5. Dosimetry using EPR	10. Micro-dosimetry for radiation therapy	Wrap-up: Which dosimeter is the most promising?
	13:30 - Registration	Lunch	Lunch	Excursion[3]
14:00 - 14:10	Opening [1]			
14:10 - 15:10	1.Fundamentals of dosimetry	6. Particle dosimetry and track detectors	11. Advanced semiconductor detectors	
	Coffee break	Coffee break	Coffee break	
15:30 - 16:30	2. Dosimetry for radiological emergency	7. Computational dosimetry	12. Medical radiation dosimetry	
	Coffee break	Coffee break	Coffee break	
16:50 - 17:50	Reception	Exercise [2:] Practical Exercises on TL	Special Lecture: How to write a scientific paper	

1 Welcoming messages will be given by the Representative of Hiroshima University.
2 Note PC will be needed for this session.
3 It is planned to visit the Hiroshima Peace Memorial Museum.

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SESSION TITLES AND SPEAKERS

Wednesday, 11 September 2019

Opening: Welcome to Hiroshima University [Yohsuke Yamamoto, Japan]

Lecture 1: Fundamentals of dosimetry [Adrie Bos, The Netherlands]

Lecture 2: Dosimetry for nuclear/radiological emergencies [Hiroshi Yasuda, Japan]

Thursday, 12 September 2019

Lecture 3: Retrospective dosimetry [Ian Bailiff, UK]

Lecture 4: Luminescence dosimetry [Eduardo Yukihara, Switzerland]

Lecture 5: Dosimetry using electron paramagnetic resonance [Francois Trompier, France]

Lecture 6: Particle dosimetry and track detectors [Mark Akselrod, USA]

Lecture 7: Computational dosimetry [Steffen Greilich, Germany]

Exercise session: Practical exercises in luminescence dosimetry: from experimental data to models [Vasilis Pagonis, USA]

Friday, 13 September 2019

Lecture 8: Space and ion beam dosimetry [Satoshi Kodaira, Japan]

Lecture 9: Three-dimensional polymer gel dosimetry [Francesco d'Errico, Italy]

Lecture 10: Microdosimetry and its applications in BNCT and hadron therapy [Paolo Colautti, Italy]

Lecture 11: Advanced semiconductor detectors [Anatoly Rosenfeld, Australia]

Lecture 12: Medical radiation dosimetry [Tomas Kron, Australia]

Special lecture: How to write a scientific paper [Adrie Bos, The Netherlands]

Saturday, 14 September 2019

Lecture 13: Neutron dosimetry and spectrometers [Takashi Nakamura, Japan]

Lecture 14: Personal and Environmental Dosimetry [Filip Vanhavere, Belgium]

Wrap-up session: Which dosimeter is the most promising? [moderated by Stephen W.S. McKeever, USA]