



**Personal Online Dosimetry Using computational Methods
(PODIUM) project dissemination workshop
&
19th European ALARA Network Workshop
on Innovative ALARA Tools**

26 -28 November 2019, Athens, Greece



PROGRAMME

Tuesday, 26 November 2019
PODIUM project dissemination workshop

08:30-09:00 | Departure of the shuttle bus and transportation to EEAE

09:00-09:30 | Registration

SESSION 1 (Chair: Z. Thrapsanioti)

09:30-10:00 | General framework of the PODIUM project, *F. Vanhavere, SCK•CEN*

10:00-10:30 | Use of indoor positioning systems in PODIUM, *J. Aranda, UPC*

10:30-11:00 | Use of "Look up approach", *M. Zankl, HMGU*

11:00-11:30 | Coffee break

SESSION 2 (Chair: M. Abdelrahman)

11:30-12:00 | Individualized phantoms, *P. Lombardo, SCK•CEN*

12:00-12:30 | MC-GPU Monte Carlo code, *M. Amor Duch, UPC*

12:30-13:30 | Lunch

SESSION 3 (Chair: M. Andersson)

13:30-14:00 | Application in IR/IC fields, *A. Almen and U. O'Connor, University of Lund and SJH*

14:00-14:30 | Development of the online dosimetry application, *O. Van Hoey, SCK•CEN*

14:30-15:00 | Application in neutron fields, *J. Eakins, PHE*

15:00-15:30 | Coffee break

SESSION 4 (Chair: U. O'Connor)

15:30-16:00 | Personnel Monitoring: Ethics, The Tech Trap and Social Expectation?, *Prof. J. Malone, Trinity College, St James's Hospital, Dublin, Ireland*

16:00-17:00 | Round table discussion: Advisory group-*E. Carinou, A. Fremout, J. Malone, S. Niu, R. Tanner, F. Vermeersch, Moderator: R. Tanner*

17:00-17:30 | Conclusion and future work, *M. Ginjaume, UPC*

17:30 | Departure of the shuttle bus and transportation to city centre

Wednesday, 27 November 2019
19th European ALARA Network workshop

8:30	Departure of the shuttle bus and transportation to EEAE
09:00-09:30	Registration

SESSION 1. INNOVATIVE ALARA TOOLS IN THE RADIOLOGICAL CHARACTERISATION AND THE FIRST EVALUATION OF THE EXPOSURE (CHAIR: F. VANHAVERE, F. VERMEERSCH)

09:30-10:00	Welcome address, <i>E. Carinou, EEAE</i> Introduction and setting the scene, <i>F. Vanhavere, F. Vermeersch, SCK•CEN</i>
10:00-10:30	Use of drones in the assessment of uncommon exposure situations, <i>J. Camps, SCK•CEN</i>
10:30-11:00	Personal dose computation using monitoring systems and 3D cameras, <i>M. Abdelrahman, SCK•CEN</i>
11:00-11:30	Coffee break
11:30-11:50	The Way of CEN - Dose Assessment for Construction Products, <i>B. Hoffman, BfS</i>
11:50-12:10	In-vivo incorporation of radionuclides of workers: measurements vs. evaluation with GEANT4, <i>S. Medici, IRA</i>
12:10-13:30	Lunch and Group photo

SESSION 2. INNOVATIVE ALARA TOOLS IN THE PLANNING AND DECISION PHASES (CHAIR: S. ANDRESZ)

13:30-13:50	The VISIPLAN software: to perform dose assessment under different scenarios, <i>F. Vermeersch, SCK•CEN</i>
13:50-14:20	ALARA, Ethics, the ICRP System and Innovation: Aligned?, <i>Prof. J. Malone, Trinity College Dublin, Ireland</i>
14:20-14:30	Introduction to working groups - EAN Representatives
14:30-16:40	Working group session (1/2) (<i>coffee break at 15:00</i>)
16:45	Welcome reception
17.30	Departure of the shuttle bus and transportation to city centre

Thursday, 28 November 2019
19th European ALARA Network workshop

08:30	Departure of the shuttle bus and transportation to EEAE
09:00	Registration

SESSION 2. INNOVATIVE ALARA TOOLS IN THE PLANNING AND DECISION PHASES (CONT.) (CHAIR: S. ANDRESZ)

09:00-09:20	Artificial intelligence in interventional techniques, <i>Prof. E. Efstathopoulos, National and Kapodistrian University of Athens</i>
09:20-09:40	Decision aiding tools considering multiple criteria, <i>T. Kenny, EPA</i>
09:40-10:00	Manuela: an advanced 3D characterization material in NPP, <i>B. Chagneau, Orano</i>
10:00-10:20	Using RayXpert [®] Monte Carlo code to optimize radiological protections in a nuclear medicine service, <i>B. Simony, C. Dossat, A. Ghilardi (TRAD), J. F. Rauch, L. Whitfield (Hôpital Albi)</i>
10:20-11:00	Coffee break

SESSION 3. INNOVATIVE ALARA TOOLS FOR THE FOLLOW-UP AND FEEDBACK (CHAIR: P. CROÛAIL)

11:00-11:20	The D-Schuttle for the collection, capitalization and broadcasting of radiological data after radiological events, <i>P. Croûail, W. Naito, CEPN, AIST</i>
11:20-11:40	Impact of the Euratom Directive on the need of follow up and feedback from activities, <i>C. Pafilis, S. Economides, EEAE</i>
11:40-12:10	Evolving Fluoro Worker Dosimetry, <i>Prof. S. Balter, New York University</i>
12:10-13:30	Lunch
13:30-16:00	Working group session (2/2) (<i>coffee break at 15:00</i>)
16:00-17:00	Working group reports
	Synthesis and concluding remarks
17:00	Departure of the shuttle bus and transportation to city centre