

STAR Wildlife dosimetry workshop. 10-12 June 2014. CIEMAT (Madrid, Spain)

TIME	TUESDAY 10 June 2014	WEDNESDAY 11 June 2014	THURSDAY 12 June 2014
9:00-10:00		Hot particle dosimetry (Corryn McGuire) --- Voxel phantoms for biota: Challenges and controversies (Kathryn Higley)	Using a landscape perspective to refine exposure scenarios (Larry Kapustka) --- From satellites to faeces: multidisciplinary advances in field dosimetry (Mike Wood)
10:00-11:00		Voxel phantoms for wildlife dosimetry (frogs, mice, etc.) (Sakae Kinase)	Discussion Session 3 (30') --- Lessons learned in EURADOS useful for the dosimetry of wildlife (Rick Tanner)
11:00-11:30		Coffee	Coffee
11:30-13:00		Discussion Session 1 (30') --- Plant dosimetry (Vasyl Yoschenko) --- Discussion Session 2 (30')	"Attendees" session (45') --- Discussion session 4 (30') --- Conclusions of the workshop (15')
13:00-14:30	Lunch	Lunch	Lunch
14:30-15:30	Welcome (Dr. Yolanda Benito. Director of the Environment Department, CIEMAT) --- Environmental dosimetry overview (Alexander Ulanovski)	Is microdosimetry important when evaluating dose to wildlife from chronic, low level exposures? (Leslie A. Braby) --- Characterization of radiation quality based on nanodosimetry (Hans Rabus)	
15:30-16:30	Heterogeneous distribution of radionuclides and external dosimetry (Karine Beaugelin) --- MCNP model for external dose to biota (Karolina Stark)	EPR dosimetry for fish (Elena Shishkina) --- Uncertainties in field dosimetry for non-human biota (Jordi Vives I Batlle)	
16:30-17:30	Heterogeneous distribution of radionuclides and internal dosimetry (Jose Maria Gomez-Ros) --- Noble gas dosimetry for biota (including Rn exposure in burrowing animals) (Jordi Vives I Batlle)	Dosimetry tools for field studies (Tom Hinton)	

- **Discussion Session 1 (60')**: Internal dosimetry and biokinetics in wildlife
Chairs: José M. Gómez-Ros (CIEMAT, Spain), Jordi Vives i Batlle (SCK•CEN, Belgium)
- **Discussion Session 2 (30')**: Wildlife dosimetry fit for purposes
Chairs: Justin Brown (NRPA, Norway), Elisabeth Hansen (CERAD/NRPA, Norway)
- **Discussion Session 3 (30')**: Uncertainties in wildlife dosimetry
Chairs: Tom Hinton (IRSN, France), Karolina Stark (SU, Sweden)
- **Discussion Session 4 (30')**: What improvements are needed in wildlife dosimetry and why?
Chairs: Karine Beaugelin (IRSN, France), Nick Beresford (CEH-NERC, UK)