

Preliminary Programme PET Course Human Exposure Assessment

Date	Time	Content	Room ^a
Mon-Jun-5	09:30 – 12:30	Introduction	-----
	09:30 – 10:00	Welcome and tour-de-table with brief introductions of all participants (Paul Scheepers, Radboud University)	HG02.032
	10:00 – 11:30	Introduction to the course programme (Paul Scheepers, Radboud University)	HG02.032
	11:30 – 12:30	Risk Assessment paradigm – where does exposure assessment fit in? (Paul Scheepers, Radboud University)	HG02.032
	12:30 – 13:30	Lunch break (take-away lunch)	-----
	13:30 – 17:00	Principles – concepts – terminology	-----
	13:30 – 15:00	Principles of exposure assessment and study designs (Eelco Kuijpers, TNO)	HG02.082
	15:00 – 16:30	Exposure assessment and study designs (Jelle Vlaanderen, IRAS University Utrecht)	HG02.028
	16:30 – 17:00	Questions/discussion (Paul Scheepers, Radboud University)	HG02.028 (N=11)
Tue-Jun-6	09:30 – 12:30	Consumer exposures and food contaminants	-----
	09:30 – 10:30	General principles in consumer exposure assessments - RIVM perspective (Wouter ter Burg, RIVM)	TR00.008
	10:30 – 11:30	Non-food consumer exposure & exposure modelling methods – ConsExpoWeb introduction (Wouter ter Burg, RIVM)	TR00.008
	11:30 – 12:30	Aggregate exposure assessment of substances in personal care products and household cleaning agents & an introduction to the probabilistic aggregate consumer exposure model (PACEM) (Bas Bokkers, RIVM)	TR00.008
	12:30 – 13:30	Lunch Break (take-away lunch)	-----
	13:30 - 17:00	Consumer exposure modelling	-----
	13:30 – 15:00	13:30 Probabilistic modelling of exposure consumer scenarios with ConsExpo (Wouter ter Burg, RIVM)	TR00.008
	15:00 – 16:30	15:00 Probabilistic modelling of aggregate consumer exposures with PACEM (Bas Bokkers, RIVM)	HG01.029 (N=17)
Wed-Jun-7	09:30 – 12:30	Exposome with examples of applications (Note: For this session some preparation is required!)	-----
	09.30 – 10:30	Introduction to the exposome concept (Jelle Vlaanderen, IRAS-UU)	HG00.308
	10:30 – 11:30	External Exposome: Methodological approaches (Kees de Hoogh, Swiss TPH)	HG00.308

^a HG = Huygens Building (location no. 27); TR = Transitorium building (location no. 25); ONLINE = Teams meeting
 These location no's can be found at: <https://www.ru.nl/science/about-the-faculty/contact/how-get/>

Date	Time	Content	Room ^a
	11:30 – 12:30	11.30 Internal Exposome: Methodological approaches (Jelle Vlaanderen, IRAS University Utrecht).	HG00.308
	12:30 – 13:30	Lunch break (take-away lunch)	-----
	13:30 – 13:30	Environmental incidents and occupational accidents	-----
	13:30 – 14:00	How data collection can inform risk assessment in a chemical incident setting (Paul Scheepers, Radboud University)	HG02.052
	14:00 – 15:00	Framework and application of intervention values for chemical incidents (Peter Bos, RIVM)	HG02.052
	15:00 – 16:00	Dispersion modelling of toxic clouds and use of intervention values in a chemical incident setting with a demonstration of Areal Locations of Hazardous Atmospheres (ALOHA® version 5.4) (Paul Scheepers, Radboud University)	HG02.052
	16:00 – 17:00	6:00 Inhalation exposure levels outdoor/indoor and use of intervention values - ALOHA (Areal Locations of Hazardous Atmospheres (Paul Scheepers, Radboud University)	HG02.052
Wed-Jun-28	09:30 – 10:30	Questions about the content of the course	ONLINE
	11:00 – 12:30	Presentations of projects by participants (part I)	ONLINE
	12:30 – 13:30	Lunch break	ONLINE
	13:30 – 15:00	Presentations of projects by participants (part II)	ONLINE
Thu-Jun-29	09:30 – 12:30	Occupational exposure	ONLINE
	09:30 – 10:30	Occupational exposure measurements and modeling (Wouter Fransman, TNO)	ONLINE
	10:30 – 11:30	Innovations in real-time workplace measurements (Eelco Kuijpers, TNO)	ONLINE
	11:30 – 12:30	Risk management measures to mitigate exposure (Wouter Fransman, TNO)	ONLINE
	12:30 – 13:30	Lunch break	ONLINE
	13:30 – 16:30	Case-studies	ONLINE
	13:30 – 15:00	Inhalation exposure modelling by using the Advanced Reach Tool (ART) (Wouter Fransman/Eelco Kuijpers, TNO)	ONLINE
	15:00 – 16:30	Exposure management and preventive control measures with the Exposure Control Efficacy Library (ECEL) (Wouter Fransman/Eelco Kuijpers, TNO)	ONLINE
	16:30 – 17:00	Evaluation and closure	ONLINE
16:30 – 17:00	Course evaluation (Paul Scheepers, Radboud University)	ONLINE	

^a HG = Huygens Building (location no. 27); TR = Transitorium building (location no. 25); ONLINE = Teams meeting
These location no's can be found at: <https://www.ru.nl/science/about-the-faculty/contact/how-get/>