CREAM Open Conference, 10-13 June 2013

http://cream-itn.eu/open-conference

Monday, 10 June 2013

13:00 - 14:00	*Registration*	
14:00 - 14:20	**Welcome and Introduction to CREAM**	**Volker Grimm**
14:20 - 14:40	Plot experiments may underestimate population-level impacts of agricultural pesticides applied at the landscape scale	Chris Topping
14:40 - 15:00	What risk modeling on a landscape scale could do for environmental risk assessment of pesticides	Andreas Focks
15.00 – 15.20	Stakeholder consensus and perspectives for ecological modeling in the pesticide regulatory process	Agnieszka Hunka
15:20 - 16:00	*Coffee break*	
16:00 - 16:20	A spatially explicit model for the effects of plant protection products on a representative vulnerable fish species in edge-of-field water bodies	Lara Ibrahim
16:20 - 16:40	Prediction of the environmental fate and ecological impact of PAHs and pesticides in two streams in Luxembourg using AQUATOX model	Roberta Carafa
16:40 - 17:00	Using an IBM as virtual laboratory for data interpretation – an example of model application	Annika Agatz

19:00	*Conference dinner Bayerischer Bahnhof*

Tuesday, 11 June 2013

09:00 - 09:40	**Keynote 1: Decline of honeybees and other pollinators: do we need a systems approach?**	**Juliet Osborne**
09:40 - 10:00	The importance of food web interactions for long-term effects of toxicant stress	Mira Kattwinkel
10:00 - 10:20	Life-history phenology strongly influences the vulnerability of populations to toxicants: a case study with the mudsnail *Potamopyrgus* antipodarum.	Sandrine Charles
10:20 - 11:00	*Coffee break*	
11:00 - 11:20	Effect propagation in a toxicokinetic/toxicodynamic model explains delayed *Scenedesmus vacuolatus* growth	Carolina Vogs

11:20 - 11:40	Chemical toxicity to fish – linking cellular responses to whole organism effects via mechanistic models	Julita Stadnicka
11:40 - 12:00	Using toxicokinetics modelling to refine the risk assessment of pesticides to wildlife	Agnieszka Bednarska
12:00 - 12:20	Toxicokinetic-toxicodynamic modeling explains differences in sensitivity among invertebrate species	Anni Nyman
12:30 - 13:40	*Lunch*	
13:40 - 14:20	**Keynote 2: Population models for ecological risk assessment of chemicals: the past, CREAM, and the future**	**Rob Pastorok**
14:20 - 14:40	Using mechanistic effect models for capturing both individual- and population-level effects of chemicals: lessons from a case where standard risk assessment failed	Feten Gabsi
14:40 - 15:00	The influence of food dependent eco-physiological processes on the response of *Mesocyclops leuckarti* to triphenyltin exposure	Devdutt Kulkarni
15:00 - 15:40	*Coffee break*	
15:40 - 16:00	Linking stress at the individual level and effects at the population level	Benjamin Martin
16:00 - 16:20	DEBtox model to sub–lethal effects of selective serotonin reuptake inhibitor - sertraline hydrochloride in multiple generations of ceriodaphnia dubia under environmentally relevant concentrations	Kiran Lamichhane
16:20 - 16:40	Modeling the dynamics of male/female functions in starving hermaphrodites	Elke Zimmer
16.40 – 17.00	Using the DEBkiss modelling approach to integratively assess effects of tributyltin on the freshwater gastropod *Lymnaea stagnalis*	Alpar Barsi
17:00	**Poster social**	

Wednesday, 12 June 2013

09:00 - 09:40	**Keynote 3: Mechanistic effect models in future risk assessment of chemicals: an EFSA perspective**	**Franz Streissl**
09:40 - 10:00	A framework for selecting species to model	Melissa Reed
10:00 - 10:20	Validation of mechanistic effect models for ecological risk assessments	Jacqueline Augusiak
10:20 - 11:00	*Coffee break*	
11:00 - 11:20	Population-level exposure assessment: how modelling can help	Tomasz Kułakowski
11:20 – 11:40	Individual-based woodpigeon population model as a tool for pesticide risk assessment.	Katarzyna Kułakowska
11:40 - 12:00	Generating useful tools for predictive toxicology: an agent based modelling approach to assessing chemical effects on ecologically important earthworm populations under field conditions	Alice Johnston

12:00 - 12:20	Question, data and complexity: modelling the foraging pattern and oral route of exposure of wood mice	Chun Liu
12:30 - 13:40	*Lunch*	
13:40 - 14:20	**Keynote 4: Towards a new paradigm for ecological risk assessment of chemicals**	**Marco Vighi**
14:20 - 14:40	Metal transfer from soil to bat: investigations via an exposure model and monitoring data.	Béatrice Hernout
14:40 - 15:00	Modelling PCB contamination patterns in the East Greenland polar bear population: an individual-based approach	Viola Pavlova
15:00 - 15:40	*Coffee break*	
15:40 - 16:00	Applying metabolic theories to predict combined effects of toxicity and fluctuating temperature on the springtail *Folsomia candida*: individual-based modelling approach	Dragan Jevtic
16:00 - 16:20	Simulating vertical distributions of *Folsomia candida* in agricultural environments	Vanessa Roeben
16:20 - 16:40	How to develop and use mechanistic effect models for assessing combined effects of chemicals and environmental stressors: case study for springtails	Natnael Hamda
16:40 – 17:00	Microscale patterns of habitat fragmentation and disturbance events as a result of chemical applications: effects on *Folsomia candida* (Collembola) populations	Mattia Meli

Thursday, 13 June 2013

09:00 - 09:20	TRACE documents for Good Modelling Practice	Volker Grimm
09:20 - 09:40	Ecological models in chemical risk assessment – Recommendations of the SETAC workshop MODELINK	Udo Hommen
09:40 - 10:15	Synthesis & Outlook Regulators	Melissa Reed
10:15 - 10:50	Synthesis & Outlook Industry	Pernille Thorbek
10:50 - 11:10	*Coffee break*	
11:10 - 11:45	Synthesis & Outlook Academia	Valery Forbes
11:45 - 12:15	Final discussion	
12:15 - 12:30	Fare well words	Volker Grimm
12:30 - 14:30	*Lunch & end of conference*	

14:30 - 16:00	CREAM INTERNAL MEETING
18:00 - ??	*CREAM farewell party at Moritzbastei*