

## SOLUTIONS FINAL CONFERENCE

19. - 21. June 2018, Kubus Leipzig

Tuesday 19 <sup>th</sup>	
14:30 – 15:00	<b>Welcome</b> (Dietrich Borchardt UFZ)
15:00 – 15:30	<b>After five years of research: Revisiting our ambitions</b> Werner Brack (UFZ)
15:30 – 16:00	<b>Multiple stress – Do chemicals play a role?</b> Sebastian Birk (MARS)
COFFEE BREAK	
16:30 – 18:00	<b>Chemical quality and risk – Can it be predicted? The SOLUTIONS Model Train</b> <b>chair: Jos van Gils (Deltares)</b>
16:30 - 16:55	Exposure and risk modelling on a European scale <i>Jos van Gils &amp; Andreas Kortenkamp Brunel</i>
16:55 - 17:10	How modeling helps to link contamination and ecological status <i>Andreas Focks ALTERRA</i>
17:10 - 17:30	Ecological risk modelling by Dutch Water Boards <i>Bas van de Wal STOWA</i>

Wednesday 20 <sup>th</sup>	
09:00 – 10:30	<b>Chemical quality and risk – Can it be monitored in a holistic way? The SOLUTIONS Toolbox</b> <b>chair: Rolf Altenburger (UFZ)</b>
9:00 - 9:20	Effect-based tools for monitoring of water quality <i>Rolf Altenburger UFZ</i>
9:20 - 9:40	Non-target screening and ERA <i>Martin Krauss UFZ</i>
9:40 - 10:00	EU perspective on new approaches and methods for the monitoring and assessment of surface waters <i>Mario Carere ISS</i>
10:00 - 10:30	Discussion
COFFEE BREAK	
11:00 – 12:30	<b>Chemical quality and prioritization - Do we need novel approaches for mixtures?</b> <b>chair: Michael Faust (F+B)</b>
11:00 - 11:20	Multiple-lines-of-evidence approach for identifying priority mixtures and drivers of mixture toxicity under the WFD <i>Michael Faust F&amp;B</i>
11:20 - 11:40	Experience from case studies <i>Thomas Backhaus UGOT</i>
11:40 - 12:00	Commission view on the identification of priority mixtures and mixture risk drivers across regulatory silos <i>Peter Korytar European Commission</i>
12:00 - 12:30	Discussion

LUNCH & Group Picture	
13:30 – 15:00	<b>Chemical quality: SOLUTIONS for a non-toxic environment</b> <b>chair: Leo Posthuma (RIVM)</b>
13:30 - 13:45	From chemical problems to chemical footprints to solution-focused abatement opportunities <i>Leo Postuma &amp; Annemarie van Wezel KWR</i>
13:45 - 14:00	How to increase coherence and cross-compliance of chemicals and water regulation <i>John Munthe IVL</i>
14:00 - 14:15	Pollution problems of the future <i>Dirk Bunke OEKO</i>
14:15 - 14:30	The role and interests of the European water sector regarding micropollutants. Research needs and possible cooperation <i>Michaël Bentvelsen EUREAU</i>
14:30 - 15:00	Discussion

15:00 – 15:30	<b>Chemical quality under water scarcity – Challenges and solutions under climate change</b> <b>Damia Barcelo / Antoni Ginebreda (CSIC/GLOBAQUA)</b>
COFFEE BREAK	
16:00 – 17:30	<b>SOLUTIONS Platform for next generation environmental research in Europe – Young researchers present their work</b> <b>chair: Christin Müller (UFZ)</b>
16:00 - 16:10	Mutagenicity in surface waters- Unraveling the role of aromatic amines <i>Melis Muz UFZ</i>
16:10 - 16:20	Identify Toxic Substance in Mixture Using Reduced Transcriptome of HepG2 <i>Wendi Fang Nanjing University</i>
16:20 - 16:30	NN <i>Ricardo Zwarg UNICAMP</i>
16:30 - 16:40	Toxicogenomic effect profiling - a non-target bioassay? <i>Andreas Schüttler UFZ</i>
16:40 - 16:50	NN <i>Erik Müller UFZ</i>
16:50 - 17:00	Mutagenic profile of water and suspended particulate matter of Danube river <i>Daniel Alexandre Morales UNICAMP</i>
17:00 - 17:10	Characterization of Biological Pathways Perturbed by Mixtures Using Reduced Human Transcriptomics <i>Pu Xia Nanjing University</i>
17:10 - 17:20	Assessing the internal and external exposure of gammarids collected in wastewater-impacted streams <i>Nicole Munz UFZ</i>

SOCIAL EVENT (Moritzbastei)	
13:30 – 15:00	
15:00 – 15:30	
16:00 – 17:30	
17:10 - 17:20	

Thursday 21 <sup>st</sup>	
9:00 – 10:30	<b>Chemical quality on a basin level - What can we learn from case studies</b> <b>chair: Jaroslav Slobodnik (EI)</b>
9:00 - 9:20	Water quality in the Danube river and suggestions for the Danube River Basin Specific Pollutants <i>Jaroslav Slobodnik EI</i>
9:20 - 9:30	Chemicals in the Danube - novel SOLUTIONS for a shared river <i>Adam Kovacs ICPDR</i>
9:30 - 9:50	Abatement options for waste- and drinking water in the River Rhine basin <i>Juliane Hollender EAWAG</i>
9:50 - 10:00	Water quality of the Rhine – ongoing work and new challenges <i>Tabea Stötter IKSR - CIPR - ICBR</i>
10:00 - 10:30	Discussion

10:30 – 11:30	<b>User-friendly products to support steps towards a non-toxic environment – RiBaTox / IDPS / Databases</b> <b>chair: Frank Sleuwaert (VITO)</b>
10:30 - 10:50	RiBaTox <i>Frank Sleuwaert/ Guy Engelen VITO</i>
10:50 - 11:10	SOLUTIONS Knowledge Base <i>Jaroslav Slobodnik EI</i>
11:10 - 11:30	Abatement database <i>Annemarie van Wezel KWR</i>

COFFEE BREAK	
12:00 – 13:00	<b>Achievements and further requirements – How to proceed towards a non-toxic environment: Messages from NGOs, industry and regulation</b> <b>chair: Werner Brack (UFZ)</b>
12:00 - 12:15	Filling the gaps on the path to a non-toxic environment! <i>Ninja Reineke CHEMTRUST</i>
12:15 - 12:30	Pharmaceuticals in the environment - research needs for a sustainable medication <i>Reinhard Länge IPIE</i>
12:30 - 12:45	To a paradigm shift in water quality and safety assessment framework : Water Chemical Safety & Effect Based Monitoring / Water Safety Plans <i>Helen Clayton European Commission</i>
12:45 - 13:00	Achievements and further requirements from the water industry perspective <i>Armelle Hebert Veolia</i>

LUNCH	
14:00 – 15:00	<b>Podium discussion on requirements on European research on water quality and chemicals in the water-food-energy security nexus (SOLUTIONERs + stakeholders)</b> <b>chair: Ilona Bärlund (UFZ)</b>
15:00 – 15:30	<b>SOLUTIONS for Emerging Pollutants: Conclusions and recommendations</b> <i>Werner Brack (UFZ)</i>

EXCURSION	
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