



XVIII Symposium on Pesticide Chemistry

Next generation solutions and sustainable frontiers

CREMONA, 2–4 SEPTEMBER 2026

FINAL PROGRAM

WEDNESDAY SEPTEMBER 2

11.30–13.30	Registration and welcome lunch
13.30–13.40	OPENING CEREMONY
13.40–17.00	Session I – Pesticides monitoring and behavior in air, soil and water and non target organisms. Chairs: Luigi Lucini, Dimitrios Karpouzas
13.40–14.10	KEYNOTE LECTURE Comprehensive pesticide monitoring in food and feed: integrating targeted and untargeted analysis. Aloisi Ivan, Wageningen University & Research
14.10–14.30	Input of plant protection products into groundwater via bank filtration: A review. Uta Ulrich, Institute of Natural Resource Conservation, Christian-Albrechts University Kiel
14.30–14.50	Compound-stable isotope analysis (CSIA) to model organic contaminants in catchment. Mattia Rossi, Università di Parma
14.50–15.10	Passive samplers to facilitate the assessment and monitoring of contamination in freshwater environments. Christelle Margoum, INRAE
15.10–15.30	Novel HRMS Approaches for Identifying Transformation Products of the Antiparasitic Toltrazuril, Combined with Predictive Tools to Assess Their Environmental Fate. Venetios Michelioudakis, AEIFORIA
15.30–16.00	Coffee break and Poster session
16.00–16.20	Lentic small water bodies as sinks and sources of pesticides and transformation products in agricultural landscapes. Lukas Paul Loose, Department of Hydrology and Water Resources Management, Christian-Albrechts University Kiel
16.20–16.40	Pesticide Fates and Environmental effects in the Northern Zone. Lotta Kaila, Natural Resources Institute Finland
16.40–17.00	Pesticides in Air and Soil in Austria. Wolfgang Friesl-Hanl, Environment Agency Austria, Umweltbundesamt GmbH
17.00–17.30	Poster session
18.00–20.30	WELCOME PARTY

THURSDAY SEPTEMBER 3

9.00–17.50	Session II – Modelling pesticides fate, exposure, effects: multi-scale environmental scenarios and recent development. Chairs: Nicoleta Alina Suciu, Bernhard Gottesbüren
9.00–9.30	KEYNOTE LECTURE Recent developments in measurement and simulation of pesticide runoff. Rafael Muñoz-Carpena, University of Florida
9.30–9.50	Critical review of conceptual approaches to macropore flow in leaching and drainage models. Bernhard Jene, BASF SE, Agricultural Solutions
9.50–10.10	Bringing Rice Cultivation Practices into Environmental Risk Assessment. Wenkui He, Corteva Agriscience Germany GmbH
10.10–10.30	FOCUS Surface Water Repair Stage 2 Version Control Testing – First insights. Denis Weber, EXPONENT
10.30–11.00	Coffee break and Poster session
11.00–11.20	Parent and Metabolite Retention in Vegetated Filter Strips under FOCUS-Representative Run-on Conditions. Monika Maleri, Corteva Agriscience Germany GmbH
11.20–11.40	Evaluating mitigation strategies for pesticide transport in drained agricultural lowlands using SWAT+. Anne-Kathrin Wendell, Department of Hydrology and Water Resources Management, Kiel University
11.40–12.00	Calculation of pesticide concentrations in WFD waterbodies in The Netherlands. Almir Nunes de Brito Junior, Wageningen Environmental Research
12.00–12.20	Collection of sediment data in small edge-of-field watercourses and ponds for use in the EU-FOCUS Surface Water Scenarios. Wim Beltman, Wageningen Environmental Research
12.20–12.40	Assessment of PECair for Volatile Soil Metabolite Using Flux Rates from Aerobic Soil and Field Volatility Studies. Shiran Qiu, Corteva Agriscience Germany GmbH
12.40–14.00	Lunch and Poster session
14.00–14.20	Importance of Aged Sorption Processes in the Exposure Assessment of Pesticides. Bernhard Jene, BASF SE, Agricultural Solutions
14.20–14.40	Tracing Sources of 1,2,4 Triazole in Flemish Drinking Water using a Combined Monitoring-Modelling Approach. Ingeborg Joris, VITO
14.40–15.00	Assessment of groundwater vulnerability to pesticides in Germany – findings from harmonised monitoring data and machine learning. Stefan Broda, Federal Institute for Geosciences and Natural Resources (BGR)
15.00–15.20	A Harmonised Model Framework for Spatially Distributed Pesticide Leaching in Europe. Aaldrik Tiktak, PBL Netherlands Environmental Assessment Agency
15.20–15.50	Coffee break and Poster session
15.50–16.10	Findings from spatially distributed leaching modelling of pesticides in Germany with GeoPELMO DE. Judith Klein, Fraunhofer IME
16.10–16.30	Spray drift as a critical driver of landscape-scale pesticide exposure: Coupling DAD-drift with SWAT+. Mike Fuchs, RPTU/BASF
16.30–16.50	Best Practices for GIS Datasets – Organization and Version Control for Use in Risk Assessment. Gregor Spickermann, ADAMA Agricultural Solutions Ltd.
16.50–17.10	Developing a DEB-IBM for a terrestrial arthropod to bridge the gap between fate modelling results and effect model approaches on a landscape scale. Leo Buerger, Wageningen University & Research
17.10–17.30	Landscape scale aquatic exposure and effect modelling considering spot application. Sebastian Multsch, BASF SE, Agricultural Solutions
17.30–17.50	ELINK-2: Integrated exposure and effect modelling at different spatial scales. Dirk Nickisch, RIFCON GmbH
18.00–23.00	VIOLIN MUSEUM VISIT AND GALA DINNER

FRIDAY SEPTEMBER 4

8.30–10.40	Session III – New frontiers in pesticide science: linking application technology, exposure and effect risk assessment. Chairs: Lucrezia Lamastra, Marc Voltz
8.30–9.00	KEYNOTE LECTURE Key challenges in linking pesticide application and mitigation techniques to effect risk assessment : a focus on atmospheric processes contribution. Carole Bedos, INRAE
9.00–9.20	Spray Drift from Banded and Regular Spot Applications. Michael Bird, Syngenta Std.
9.20–9.40	Estimating Groundwater Exposure Concentrations for Precision Agriculture in Europe: A Robust Methodology. Shanghua Li, Syngenta Crop Protection AG
9.40–10.00	SPOTMOD I: Theoretical background and hydrological consistency validation. Rafael Muñoz-Carpena, University of Florida
10.00–10.20	SPOTMOD II – Case studies for refining edge-of-field exposure following precision application using real application maps. Jorge Olivares Rivas, Knoell GmbH
10.20–10.40	Advances in Risk Assessment and Management Options by the European Precision Application Task Force (EUPAF). Bernhard Gottesbüren, Make Sense Consulting
10.40–11.10	Coffee break and Poster session
11.10–13.20	Session IV – Enhancing policy uptake through new options for pesticides risk assessment and management Chairs: Ettore Capri, Richard Maycock
11.10–11.40	KEYNOTE LECTURE Regaining trust in the authorization of pesticides by using public monitoring data. Aaldrik Tiktak, PBL Netherlands Environmental Assessment Agency
11.40–12.00	VFSMOD – Joining the Path Forward? Robin Sur, Bayer AG Crop Science
12.00–12.20	Contextualizing Surface Water Monitoring Using Catchment-Based Pesticide Vulnerability Mapping with Two Complementary Methods in Flanders (Belgium). Hendrik Rathjens, Stone Environmental
12.20–12.40	Enhancing Policy Uptake through Realism and Harmonization: A Critical Review of the Draft Guidance for Rice Pesticide Risk Assessment. Anastasia Del Signore, CropLife Europe
12.40–13.00	Feedback on the implementation of a participatory approach to encourage collective action within catchment areas to limit pesticide contamination of watercourses. Véronique Gouy Boussada, INRAE
13.00–13.20	Towards inclusive and informed policy-making. Kevin Bosc, Corteva Agriscience
13.20–13.40	FINAL REMARKS AND AWARDS
13.40	TAKE-AWAY LUNCH

For further updates, please consult our website: <https://symposiumpesticide.org/>