



7th Late Summer Workshop 2016

25th – 28th September 2016 in Haltern am See

- Microplastics in the aquatic environment -

- Poster catalogue – Update -

AN08

Comparison of different procedures for the preparation microplastic particles in freshwater samples

J. Girardi, Solingen/DE, N. Brennholt, Koblenz /DE, C. Kochleus, Koblenz /DE, S. Hatzky, Koblenz/DE, G. Reifferscheid, Koblenz/DE

AN21

Potential effects of PVC microplastic particles on Lumbriculus variegatus

Christian Kochleus, Koblenz/DE, Stefanie Hatzky, Koblenz/DE, Esther Breuning, Julia Bachtin, Georg Reifferscheid, Koblenz/DE

AN24

Microplastics identification and characterization by Imaging Raman spectroscopy

I. Ruff, Dreieich/DE, M. Rocchia, Milan/IT, A. Vianello, Padova/IT

AN33

Shining a light on microplastics – a few insights from the world of vibrational spectroscopy

T. M. Karlsson, Gothenburg/SE, M. Hassellöv, Gothenburg/SE

AN35

Analysis of microplastic in environmental samples - using a thermal analysis method

P. Eisentraut, Berlin/DE, E. Dümichen, Berlin/DE, U. Braun, Berlin/DE, C. G. Bannick, Berlin/DE

AN36

Characterization of microplastics

K. Oelschlägel, Dresden/DE, A. Potthoff, Dresden/DE

AN39

Pilot tests of determination of microplastic particles in solid environmental matrices via thermogravimetry-mass spectrometry

J. David, Landau/DE, Z. Steinmetz, Landau/DE, J. Kučerík, Landau/DE, G. E. Schaumann, Landau/DE

MI30

Plastic particles as substrates for bacterial colonization increase transfer and spread of antibiotic resistance genes in aquatic environments

M. Arias-Andrés, Stechlin & Potsdam/DE, Heredia/CR, H.-P. Grossart, Stechlin & Potsdam/DE

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MI19

PET microplastics have no long-term effects on the freshwater amphipod *Gammarus pulex*

A. Weber, Frankfurt am Main/DE, C. Scherer, Frankfurt am Main/DE, N. Brennholt, Koblenz/DE, G. Reifferscheid, Koblenz/DE, M. Wagner, Frankfurt am Main/DE

BI13

Ingestion of microplastics by freshwater invertebrates

C. Scherer, Frankfurt am Main/DE, J. Oehlmann, Frankfurt am Main/DE, G. Reifferscheid, Koblenz/DE, M. Wagner, Frankfurt am Main/DE

BI29

Microplastics in freshwater ecosystems

T. Geiger, Wielenbach/DE, J. Domogalla-Urbansky, Wielenbach/DE, H. Ferling, Wielenbach/DE, K. Scholz, Wielenbach/DE, L. Demmel, Wielenbach/DE, J. Schwaiger, Wielenbach/DE

MOBI03

Microplastics in the Northeast Atlantic deep sea: vertical pathways and ingestion by deep-sea benthic invertebrates

W. Courtene-Jones, Oban, Argyll/UK, B. Quinn/UK, S. Gary/UK, B. E. Narayanaswamy/UK

MOBI42

Effects of microplastics on limnic primary producers

N. Brennholt, Koblenz/DE, F. Schmitt, J. Wesp, C. Möhlenkamp, U. Feiler, G. Reifferscheid, Koblenz/DE

MO09

Abundance and composition of floating microplastics in the central-western Mediterranean Sea

G. Suaria, La Spezia/IT, C.G. Avio, M.G. Magaldi, F. Regoli and S. Aliani

MO14

Micro-sized Pigments and Plastic in Freshwater: Identification and Quantification by Raman Microspectroscopy

A. C. Wiesheu, München/DE, P. M. Anger, München/DE, H. K. Imhof, Bayreuth/DE, C. Laforsch, Bayreuth/DE, R. Niessner, München/DE, N. P. Ivleva, München/DE

MO15

Ecotoxicological Evaluation of Microplastics in Rivers

L. Zimmermann, Frankfurt am Main/DE, C. Völke, Frankfurt am Main/DE, M. Wagner, Frankfurt am Main/DE

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MO18

Fibers in Beverages: Raman Microspectroscopic Analysis

P. M. Anger, München/DE, A. C. Wiesheu, München/DE, T. Baumann, München/DE, R. Niessner, München/DE, N. P. Ivleva, München/DE

MO31

Analysis of microplastic in drinking water: A blank is not a blank is not a blank

D. Schymanski, Münster/DE, C. Goldbeck, Drensteinfurt/DE, H.U. Humpf, Münster/DE, P. Fürst, Münster/DE

MO32

Modelling the Flows of Macro- and Microplastics into the Environment

D. Wenger, St. Gallen/CH, D. M. Mitrano, St. Gallen/CH

MO37

Successful application of a cartridge filter cascade for sampling of very small microplastic particles in surface water and groundwater

M. Pittroff, Karlsruhe/DE, B. Schmutz, Karlsruhe/DE, H.-J. Brauch, Karlsruhe/DE, F.R. Storck, Karlsruhe/DE

MO40

Comparing the behavior of different microplastic model particles

A. S. Ruhl, Berlin/DE, L. Linke, Berlin/DE, M. Jekel, Berlin/DE

CH02

Investigation of sorption properties and sorption kinetics of organic micropollutants onto suspended microplastics particles

S. Seidensticker, Tübingen/DE, C. Zarfl, Tübingen/DE; P. Grathwohl, Tübingen/DE

CH16

Tire wear – an overlooked source of "microplastic"

M. Wehrhahn, Wien/AT, T. Hüffer, Wien/AT, T. Hofmann, Wien/AT

CH20

Sorption of selected organic contaminants to polystyrene particles in fresh water

S. Huppertsberg, Idstein/DE, S. Klein, Idstein/DE, T. P. Knepper, Idstein/DE

CH44

Microplastics and metal contamination in the marine environment

A. Mendes, Galway/IE, T. Doyle, Galway/IE, L. Morrison, Galway/IE

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DE41

Treatment of microplastic particles with ozone

F. R. Storck, Karlsruhe/DE, N. Herborn, Nora, Karlsruhe/DE, B. Schmutz, Karlsruhe/DE, M. Pittroff, Karlsruhe/DE, H.-J. Brauch, Karlsruhe/DE

DI07

LITTERBASE: Online Information Portal for Marine Litter

M. B. Tekman, Bremerhaven/DE, L. Gutow, Bremerhaven /DE, M. Bergmann, Bremerhaven/DE

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