



**EUROQCHARM Interlaboratory Study on the Analysis of Microplastics in
Environmental Matrices**

(collaboration with Quasimeme/Wepal and Norman)

PROGRAM

Third workshop on the Development Exercise DE 17

14 September 2022

Amsterdam, The Netherlands



Program

14 September 2022 Workshop Interlaboratory Study on the Analysis of Microplastics

Morning program

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| 9.00 - 9.30 | Registration and welcome |
| 9.30 - 10.10 | Perspective from pollutants to microplastics <i>Jacob de Boer, VU Amsterdam</i> |
| 10.10 - 10.30 | Quality Controlled Harmonization Assuring Reproducible Monitoring of plastic pollution (EUROqCHARM) <i>Amy Lusher, NIVA, Norway</i> |
| 10.30 - 10.50 | Metrological traceability of measurement data from nano to small-microplastics (PlasticTrace) <i>Andrea Giovannozzi, National Institute of Metrological Research, Italy</i> |
| 10.50 - 11.10 | To be decided |
| 11.10 - 11.30 | Coffee Break |
| 11.30 - 11.50 | Results EUROqCHARM/QUASIMEME/NORMAN Interlaboratory study |
| 11.50 - 12.00 | Preparation of the interlaboratory trial for validation of the ISO 16094-2: Analysis of microplastics in drinking water and groundwater <i>Nizar Benismail, Nestlé Waters, France</i> |
| 12.00 - 12.15 | Challenges in the quantification of microplastics in the environment: operationally defining our analytical window in the context of sample size and analytical methodology <i>Richard Cross, Centre for Ecology and Hydrology, United Kingdom</i> |
| 12.15 - 12.30 | Study of carbon sorbents for the detection of microplastics by Thermoextraction-Desorption coupled to Gas Chromatography/Mass Spectrometry (TED-GC-MS) <i>Débora Sorolla Rosario, Labaqua, Spain</i> |
| 12.30 - 12.45 | Analysis of microplastics: Lessons learned as participant in interlab comparisons <i>Sebastian Pimpke, Alfred-Wegener-Institut, Germany</i> |
| 12.45 - 13.00 | Size Distribution of Atmospheric Microplastics <i>Sevda Eryilmaz Soydan, Eskişehir Technical University, Turkey</i> |
| 13.00 - 13.15 | Rapid, automated analysis of microplastics direct on filters using laser direct infrared imaging and spectroscopy <i>Darren Robey, Agilent Technologies, Australia</i> |
| 13.15 - 14.00 | Lunch Break |
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Afternoon program

- 14.00 - 14.05 Introduction group discussions
14.05 - 14.40 Group discussion: Subject 1: Challenges and results of ILS
14.40 - 15.10 Report back to the general meeting

15.10 - 15.20 Coffee Break

15.20 - 15.25 Introduction group discussions 2
15.25 - 16.00 Group discussion: Subject 2: What do you need?
16.00 - 16.30 Report back to the general meeting

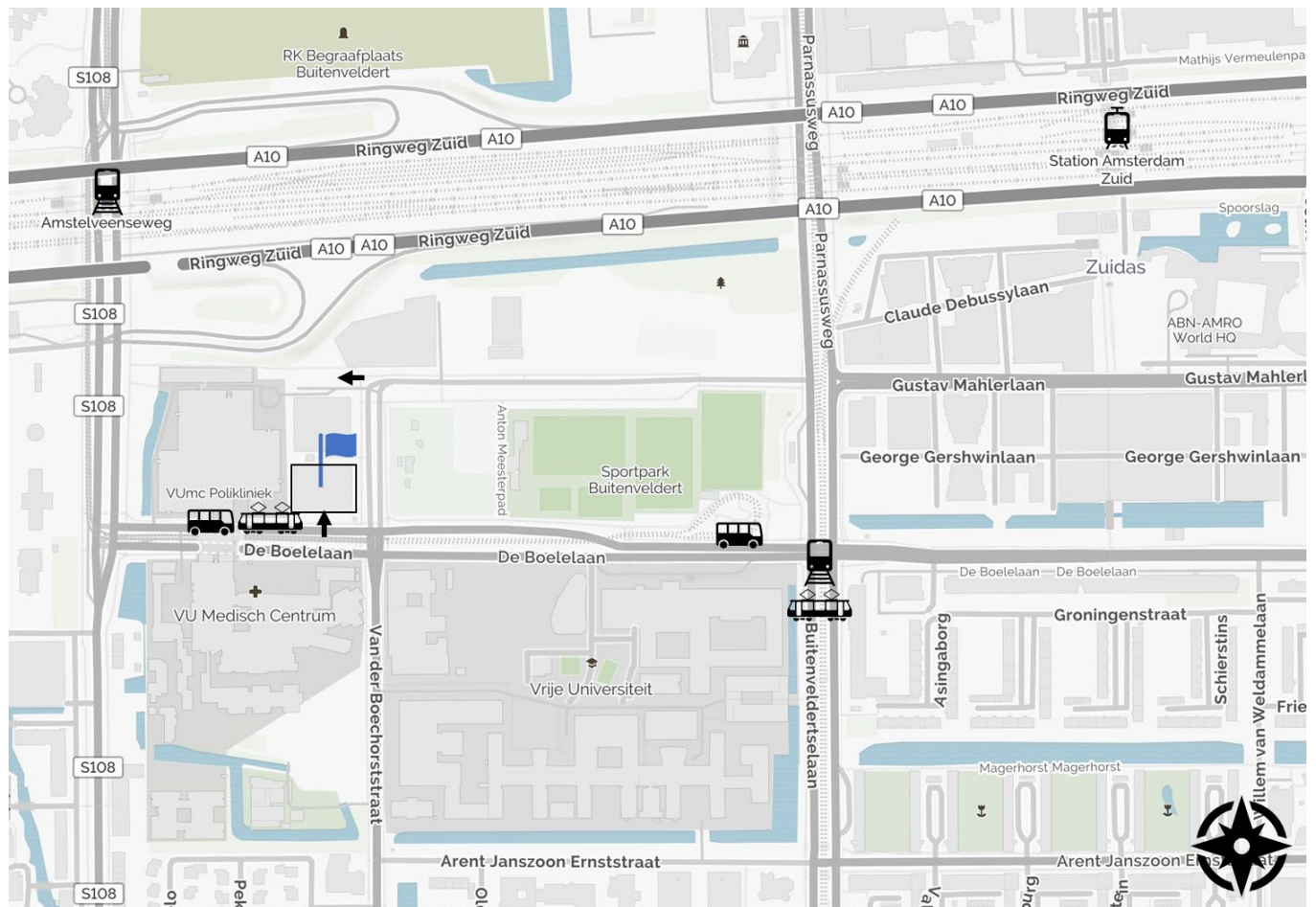
16.30 - 17.00 Wrap up and conclusions from the meeting
Jacob de Boer, VU Amsterdam
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Meeting location

O|2 Labgebouw
De Boelelaan 1108
1081 HZ Amsterdam
The Netherlands



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Information on the public transport in Amsterdam can be found on: <https://reisinfo.gvb.nl/en>