

CONTENT

International Committee	8
Detailed programme	9
Plenary session, Thursday, 12th May	11
Plenary session, Friday, 13th May	13
Poster session: theory, calibration	16
Poster session: applications	18
List of Abstracts: Platform presentations	21
30. An in situ intercomparison exercise on passive samplers for the monitoring of metals, polycyclic aromatic hydrocarbons and pesticides in surface water	22
41. Calibration data for pesticides in silicone rubber passive samplers; expressing uncertainty	23
68. Quantitative improvement of the POCIS (Polar Organic Chemical Integrative Sampler) for pharmaceutical and pesticide compounds	24
51. A decade monitoring of PCBs and PAHs by silicone rubber passive samplers in parallel with deployed mussels	25
62. One year pesticide monitoring in the Arcachon Bay and its main tributaries (western coast of France), use and adjustment of POCIS	26
35. Long term measurement of population drug using passive samplers calibrated in situ	27
37. Evaluation of DGTs suitability as a monitoring tool for the assessment of the chemical status of transitional waters within the Water Framework Directive.	28
91. Long-term trends in atmospheric levels of POPs derived from passive and active sampling techniques	29
7. New developments in passive air sampling for current-use pesticides and other priority chemicals	30
78. Does the kinetic resistance on the sampling medium side affect passive air sampling rates? Experimental evidence and modeling	31
29. Kinetics of accumulation of pesticides in the polar organic chemical integrative samplers: investigation related to the two compartments of the device, sorbent and membrane	32
36. Continuous Flow Integrative Sampler (CFIS). "Active"-Passive Sampling: A New Approach to Water Monitoring of Pollutants.	33
98. New trends in mining information from SPMD data measurements	34
49. Proof-of-concept for mobile exposures of passive sampling devices	35
85. Ionic compounds in passive sampling techniques	36
87. Measurement of the time-weighted average concentration of selected pharmaceuticals in drinking water using the Chemcatcher® passive sampler	37
32. Laboratory calibration of „pharmaceutical“ POCIS: kinetic accumulations and sampling rates of polar organic contaminants and evaluation of candidate performance reference compounds	38
61. Passive sampling of highly hydrophobic pollutants in water with MESCO and bare Silicone Rod – how reliable is field-calibration data?	39
52. Passive sampling of organotin compounds in water by silicone rubber	40
86. Measurement of the time-weighted average concentrations of organo-siloxanes using an LDPE sheet passive sampler	41
60. Calibration and application of SIP disk samplers for investigating waste sector sources and global occurrence of siloxanes in air	42
71. Polydimethylsiloxane-based permeation passive samplers: Recent developments and applications	43
10. Passive air sampling of Polychlorinated Biphenyls (PCBs) and Polybrominated Diphenyl Ethers (PBDEs) in Brazilian tropical and subtropical mountains	44
22. POCIS screening of pharmaceuticals in surface water in Czech Republic 2008-2010	45
45. A tale of two sampling techniques in rivers discharging to the Great Barrier Reef, Australia	46
65. Field application of silicone rubber passive samplers in monitoring aqueous freely-dissolved concentrations of organic contaminants in the Ythan catchment area of Scotland	47
38. Application of DGTs for labile metal fraction evaluation in 13 estuarine waters: An example from the Southeastern Bay of Biscay	48
99. Occurrence of the endocrine disrupting chemicals in the Svatka and Svitava Rivers using passive sampling techniques	49
92. Transfer kinetics over polyethersulfone membranes – studies with POCIS and Chemcatcher.	50
58. Are the nucleopore membranes efficient to limit the effect of biofilm on DGT measurement?	51
50. Calibration and field deployment of five integrative samplers for the monitoring of indicator and dioxin-like PCB (ECLIPSE project)	52
64. Calibration of polymeric membrane as passive sampler for aquatic environment	53
39. Use of PDMS coated stir bars for the passive sampling of agricultural pesticides in surface waters : calibration and determination of lag times	54

19. Evaluation of POCIS sampling rates under the field conditions - WWTP's effluent.	55
List of Abstracts: Poster presentations	57
59. Evaluation of the diffusive boundary layer with the DGT technique from laboratory to field deployment	58
96. Evaluating the diffusive gradients in thin-films technique for the measurement of dissolved uranium in natural waters.....	59
93. Sorption and desorption kinetics for 22 compounds and Empore SDB-RPS.	60
94. Integrative sampling properties of unprotected and polyethersulfone covered Empore SDB-RPS disks during peak exposure scenarios.	61
95. Can passive sampling by Empore SDB-RPS disks mimic bioconcentration in brown trout eggs and gammarids?.....	62
84. The influence of soil properties on the distribution of Phenanthrene between soil and extraction medium.....	63
17. Development and calibration of a passive sampler for N-nitrosodimethylamine (NDMA) in water	64
42. Certified Reference Material as a key for QA/QC. Assessment of the performance of seven French laboratories for the analysis of BTEX loaded on passive samplers through a proficiency testing	65
40. Calibration and application of the Chemcatcher passive sampler for the monitoring of silver in marine waters.....	66
56. Chemcatcher® calibration for polar herbicides: a new approach?	67
13. A method for the in situ calibration of a passive phosphate sampler in estuarine and marine waters.....	68
15. Determination of deployment specific chemical uptake rates for SPMD and PDMS using a passive flow monitor (PFM).....	69
20. CALIBRATION OF POLAR ORGANIC CHEMICAL INTEGRATIVE SAMPLER (POCIS) FOR STEROID HORMONES AND PHARMACEUTICALS	70
21. Determination of Endocrine Disrupting Compounds using Polar Organic Chemical Integrative Samplers (POCIS) in the wastewater treatment plants of Halle and Leipzig (Germany)	71
77. Use of POCIS (Polar Organic Chemical Integrative Sampler) to evaluate the water quality in agricultural catchments during flood events.	72
89. Evaluation of the novel passive sampler for cyanobacterial toxins microcystins under various conditions including field sampling	73
76. Adapted versions of Polar Organic Chemical Integrative Samplers (POCIS) for the sampling of hydrophobic compounds such as Polycyclic Aromatic Hydrocarbons (PAHs)	74
14. The performance of Passive Flow Monitors and phosphate accumulating passive samplers when exposed to pulses in external water flow rate and/or external phosphate concentrations.....	75
108. A Comparative Study of the Performance of Passive Samplers used in atmospheric air quality control	76
53. Bio-passive samplers: application of lichen communities for heavy metal pollution monitoring in an abandoned mine	77
54. Assessment of trace metals bioavailability in contaminated sediments by means of Diffusive Gradient in Thin films (DGT): confrontation with trace metal bioaccumulation in benthic organisms	78
75. Application of DGT techniques for the evaluation of bioavailable metal fractions in the brackish waters of the Lagoon of Santa Gilla (Sardinia, Italy)	79
83. Monitoring of trace element in groundwater by DGT.....	80
100. Assessment of polluted water from recent industrial activity in Jaworzno - Poland. Part I - heavy metals by DGTs.....	81
44. Passive sampling as a tool for the monitoring of priority substances in marine and limnic waterbodies – a research project.....	82
34. A Study on Membrane-Enclosed Silicone Collector (MESCO II) and Silicone Rod (SR) Application as a Passive Samplers in Sediments of Lake Shkodra	83
24. Passive sampling as a useful tool in indoor air quality assessment.....	84
55. Monitoring of volatile organic pollutants in groundwater by passive diffusive bags (PDBs)	85
66. Biological effects assessment of freely-dissolved hydrophobic organic contaminants (HOCs) in the Ythan catchment area of Scotland using silicone rubber passive sampling (PS) and dosing (PD) techniques	86
18. OCCURRENCE OF PESTICIDES AND PHARMACEUTICALS IN SMALL STREAMS AFFECTED BY SEWAGE TREATMENT PLANT'S EFFLUENTS.....	87
26. POCIS SCREENING OF PESTICIDES IN SURFACE AND GROUND WATER IN CZECH REPUBLIC.....	88
67. Accumulation of Alkylphenol Polyethoxylates (APnEO) in classical and improved POCIS	89
97. Polar Organic Chemical Integrative Samplers (POCIS) for the determination of endocrine disrupting compounds in water by means of GC-MS and LC-MS.....	90
101. Assessment of polluted water from recent industrial activity in Jaworzno - Poland. Part II - polar organics by POCIS.....	91
8. Holistic passive sampling approach for anti-androgenic activity profiling in contaminated surface waters	92
23. Passive air sampling of pesticides in Tri – City.	93
48. Passive Air Monitoring of Perfluorinated Compounds in the UK and Norway.....	94
63. Estimation of freely-dissolved background and background assessment concentrations for PAHs and CBs in marine waters.....	95
88. Levels and distribution of dissolved hydrophobic organic contaminants in the Morava river in Zlín district, Czech Republic as derived from their accumulation in silicone rubber passive samplers	96

33. Passive methods for screening Stockholm Convention POPs in Bosnia and Herzegovina	97
80. Distribution and sources of hydrophobic organic pollutants in urban water and air – monitoring with passive samplers	98
82. Screening of Complex Passive Sampling Extracts using Comprehensive Two Dimensional Gas Chromatography Time of Flight Mass Spectrometry.....	99
102. Assessment of polluted water from recent industrial activity in Jaworzno - Poland. Part III. - non-polar organics by SPMDs	100
106. Passive sampling as a support of the groundwater investigation at the old gasworks area in North Poland	101
43. Remediation of polluted harbour sediments - measuring the spreading of contaminants during disposal operations by comprehensive passive sampling	102
57. Lessons from a large scale deployment of DGT and SPMDs in the Seine river basin.....	103
90. Evaluation and harmonisation of sampling techniques for trend monitoring of polycyclic aromatic hydrocarbons and heavy metals in the Danube river	104
72. Passive sampling for the monitoring of organic micropollutants in seawater in a marine protected area in the Mediterranean Sea (Sardinia, Italy)	105
109. Passive sampling monitoring in the Belgian coastal zone: 3 years of results	106
103. Results from 1 st Intercalibration study - IPSIC 2010.....	107