

**Overview of the PhD student activities in the Chemistry program in the field of Environmental Chemistry:
2016/17**

Student (given name and surname)	Barbora Nežiková
Supervisor (given name and surname)	Gerhard Lammel
Consultant (given name and surname)	Jana Klánová
Beginning of the study (month/year)	9/16
Form of study (delete where appropriate)	Present (internal)

Summary of yearly research results (15 lines maximum)

- Chemical analysis of 8+8 total deposition samples (XAD + filter) from each Košetice and Praha-Libuš from summer 2013 to summer 2015
- Data analysis and discussion of the 2012 total deposition results (Košetice, Znojmo-Kuchařovice, Churáňov)
- Studying the literature including previous work of the group (Dvorská, Škrdlíková, Shahpoury)
- Get familiar with gas-particle partitioning models (spLFERS, ppLFERS)
- Get familiar with the back trajectory model HYSPLIT
- Post validation study of the deposition sampler used in the MONAIRNET project

Internship abroad (place, start date, duration)

Gas-particle partitioning model workshop at MPIC, Mainz, 6.2.-9.2.2017

Publication activities during Ph.D. studies

Number of peer-reviewed articles in impacted journals	0
Number of conference (oral/poster) presentations	1
Number of other publishing activities (books, book chapters, patents etc.)	0
Public lecture in English (delete where appropriate)	no

The most important results (5 maximum, show the impact factor of the journal):

1	Nežiková B., Degrendele C., Čupr P., Hohenblum P., Moche W., Prokeš R., Škrdlíková L., Kukučka P., Martiník J., Audy O., Příbylová P., Holoubek I., Weiss P., Klánová J., Lammel G.: "Bulk atmospheric deposition of persistent organic pollutants in central Europe 2011-2015 – spatial and temporal trends", Ovězduší – 13 th Czech-Slovak Meeting on Air Pollution, Brno, Czech Republic, 10.-12.4.2017 (published as: Ovězduší 2017
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	Program a Sborník Konference, Report Masaryk University, ISBN 978-80-210-6203-0, Brno, Czech Republic, pp. 43-44)
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