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

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| **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)

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| * 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, Škridlíková, 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)

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

**Publication activities during Ph.D. studies**

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| 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):

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| 1 | Nežiková B., Degrendele C., Čupr P., Hohenblum P., Moche W., Prokeš R., Škrdlíková L., Kukučka P., Martiník J., Audy O., Přibylová 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", Ovzduší – 13th Czech-Slovak Meeting on Air Pollution, Brno, Czech Republic, 10.-12.4.2017 (published as: Ovzduší 2017 Program a Sborník Konference, Report Masaryk University, ISBN 978-80-210-6203-0, Brno, Czech Republic, pp. 43-44) |
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| 4 |  |
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