

## Teaching portfolio

### 1. Teaching CV: A list of any lecturing and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD) as well as any external examiner tasks.

Ph.D. Students Fall 2015 Semester

(Home) head advisor unless stated otherwise

Lawan Subba, January 2016-December 2018 (expected). Home assistant advisor is Christian Thomsen, AAU and Host co-advisor is Prof. Alberto Abello, UPC Barcelona, for a joint AAU-UPC degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Davide Frazetto, August 2015-August 2018 (expected). Thesis topic: Prescriptive Big Data analytics. Home assistant advisor is Thomas D. Nielsen, AAU.

Søren Kejser Jensen, August 2015-August 2018 (expected). Thesis topic: Model-based data management for cyber-physical systems. Home assistant advisor is Christian Thomsen, AAU.

Kai Hermann, February 2015-February 2018 (expected). Thesis topic: Database Versioning. Host co-advisor. Home head advisor is Prof. Wolfgang Lehner, TU Dresden, for a joint TUD-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Kim Ahlstrøm Jakobsen, February 2015-February 2018 (expected). Thesis topic: Provenance- and quality-driven analytical query processing over semantic data. Home assistant advisor is Katja Hose, AAU and Host co-advisor is Prof. Oscar Romero, UPC Barcelona, for a joint AAU-UPC degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Faisal Moeen Orakzai, September 2014-September 2017 (expected). Thesis topic: Scalable Mobility Data Analytics. Host co-advisor, host assistant advisor is Xike Xie, AAU. Home head advisor is Prof. Toon Calders, Universite Libre de Bruxelles, for a joint ULB-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Rudra Pratap Deb Nath, September 2014-September 2017 (expected). Thesis topic: Home assistant advisor is Katja Hose, AAU and Host co-advisor is Prof. Oscar Romero, UPC Barcelona, for a joint AAU-UPC degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Muhammad Aamir Saleem, September 2014-September 2017 (expected). Thesis topic: Advanced Geo-Social Analytics. Home assistant advisor is Xike Xie, AAU and Host co-advisor is Toon Calders, Universite Libre de Bruxelles, for a joint AAU-ULB degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Dilshod Ibragimov, October 2013-October 2016 (expected). Thesis topic: OLAP Querying over Distributed RDF Databases. Host co-advisor, host assistant advisor is Katja Hose, AAU. Home head advisor is Prof. Esteban Zimanyi, Universite Libre de Bruxelles, for a joint ULB-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Jovan Varga, October 2013-October 2016 (expected). Thesis topic: Discovering Analytical Concepts from User Profiles. Host co-advisor, host assistant advisor is Christian Thomsen, AAU. Home head advisor is Prof. Oscar Romero, UPC Barcelona, for a joint UPC-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Kasun Perera, October 2013-October 2016 (expected). Thesis topic: Model-Based Database Systems. Host co-advisor, host assistant advisor is Christian Thomsen, AAU. Home head advisor is Prof. Wolfgang Lehner, TU Dresden, for a joint TUD-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Nurefsan Gur, August 2013-November 2016 (expected). Thesis topic: Business Intelligence over Linked Open Spatio-Temporal Data. Home assistant advisor is Katja Hose, AAU and host co-advisor is Prof. Esteban Zimanyi, Universite Libre de Bruxelles, for a joint ULB-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Bijay Neupane, August 2013-July 2016 (expected). Thesis topic: Intelligent Detection and Prediction of Energy Usage at the Device Level. Home assistant advisor is Bo Thiesson, AAU, and Host co-advisor is Prof. Wolfgang Lehner, TU Dresden, for a joint AAU-TUD degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Emmanouil Valsomatzis, October 2012-April 2016 (expected). Thesis topic: Business Intelligence Solutions for Smart Grid Data Management. Home assistant advisor is Katja Hose, AAU and Host co-advisor is Prof. Alberto Abello, UPC Barcelona, for a joint AAU-UPC degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Asif Iqbal Baba, January 2012-April 2016 (expected, delay due to paternity leave). Thesis topic: Data Cleansing in RFID

Data. Co-advisor, head advisor is Hua Lu.

Tanvir Ahmed, January 2012-February 2016 (expected, delay due to paternity leave). Thesis topic: Analytics on Indoor Moving Objects. Home assistant advisor is Hua Lu, AAU and Host co-advisor is Toon Calders, Universite Libre de Bruxelles, for a joint AAU-ULB degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Saulius Samulevicius, October 2010-December 2015 (thesis currently being evaluated). Thesis topic: Energy Optimization through Load Prediction in Heterogeneous Mobile Broadband Networks. Co-advised by Troels B. Sørensen, AAU.

**2. Study administration: A list of any study administration tasks, e.g. study board membership, head of studies or semester or course coordinator, accreditation, etc.**

None in Fall 2015

**3. University pedagogy qualifications: A list of any completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc.**

AAU Pedagogy course for assistant professors completed.

AAU course for Ph.D. supervisors completed.

**4. Other qualifications: Conference attendance, editorials, presentations, etc. relating to education, 'University Teaching Day', etc.**

None in Fall 2015

**5. Teaching activity development and teaching materials: A list of any contributions to the development of new modules, teaching materials, study programmes, e-learning, collaboration with external business partners, etc.**

None in Fall 2015.

**6. Teaching awards you may have received or been nominated for.**

Type your answer here...

**7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogic development, plans for following up on feedback/evaluations from students, etc.**

Type your answer here...

**8. Any other information or comments.**

Type your answer here...