



Lehreⁿ

**Impuls zur wissenschaftlichen
Lehre**



Trainerin Workshop 2

*„Weitergeben – Multiplikatoren für aktive und kooperative
Lernumgebung“*

14.-16. Juni 2010, gemeinsam mit Prof. Dr. Johannes Wildt

Prof. Dr. Anette Jepsen Kolmos

Professor in Engineering Education and Problem Based Learning, Aalborg University since 2008. Chairholder for the UNESCO Chair in Problem Based Learning in Engineering Education, Aalborg University, Denmark since 2007. Professor with special duties in Engineering Education and Problem-Based and Project-Based Learning (PBL), Department for Development and Planning (2003 – 2008). Visiting Professor at Chaire UNESCO de pédagogie universitaire, Université catholique de Louvain (2003).

Selected University and International Academic Activities:

President of the European Society of Engineering Education, SEFI (2009-2011). Chair of the SEFI Working group on Engineering Education Research (2008 – 2009). 2008 Appointed as President-Elect of the European Society of Engineering Education, SEFI. Since 2007 Chair of the national team for developing and maintaining research credits lists for the subject areas: education, subject didactics and pedagogy. Member of Programmbeirat für Hochschuldidaktik, für alle Universitäten in Baden Württemberg, Germany (2007-08). Member of the External Advisory Board for 7th Framework Programme: People, European Commission (2006-09). Associate editor for European Journal of Engineering Education, Taylor and Francis (2007-11). 2004-2007 Coordinator for the EU-project, Socrates project, PBL-Engineering which is developing the master programme: Problem Based Learning in Engineering and Science

Research Projects and Publications

During the last 10 years, Dr. Kolmos has been responsible for development and implementation of more than 10 research and development projects. There has been external funding for some of these projects and Dr. Kolmos has been project leader for all of them. These research project cover following issues, primarily within engineering education: Future Engineering Knowledge and Skills, Development and evaluation of project organised and problem-based curriculum, Change from traditional to project organised and problem-based curriculum, Development of transferable skills in PBL and project work, Methods for staff development, Co-operative skills in product development and in engineering education and PhD supervision.

Kontakt

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Publications:

August 2009, there are 150 publications registered in The Aalborg University Research Database. For a full list of publications, please visit:

http://vbn.aau.dk/research/kolmos_anette

Books

Du, X./Graaff d. E./ Kolmos,A. (eds.) 2009: Research on PBL Practice in Engineering Education. / red. Rotterdam: Sense Publishers.

de Graaff E./ Kolmos A. (red.) 2007: Management of change: implementation of problem-based and project-based learning in engineering. Rotterdam: Sense Publishers. 221 s.

Journal articles

Kolmos, A./ Du, X./ Dahms, M & Qvist, P 2008: 'Staff Development for Change to Problem Based Learning', *International Journal of Engineering Education*, vol. 24, nr. 4, s. 772-782.

Du, Xiangyun / Zhong, Binglin / Kolmos, Anette: Problem Based Learning and its inspiration to Chinese Higher Education, *China Higher Education*, No2, 2008, pp20-24.

Kolmos, A. 2004: Estrategias para desarrollar curriculos basados a la formulacion de problemas y organizados en base a proyectos. *Educar*. (33):77-96.

Kolmos, A. 2003: Characteristics of Problem-Based Learning. *The International Journal of Engineering Education*. 19(5):657-662. – Google scholar: cited by 56

Kolmos A. 2002: Facilitating Change to a Problem-based Model. *The International Journal for Academic Development*. 1-12. Google Scholar cited by 14

Kolmos A. / Algreen-Ussing H. 2001: Implementing PBL and project organized curriculum: A cultural change. *Das Hochschulwesen*. Nr. 1:15-20.

Kolmos A. / Rump C. / Ingemarsson I. / Laloux A. / Vinther O. 2001: Organization of staff development: strategies and experiences. *European Journal of Engineering Education*. 26(4):329-342.

Kolmos A. 1996: Reflections on Project Work and Problem-based Learning. *European Journal of Engineering Education*. 21(2):141-148. Google Scholar: cited by 65