

Seminar Monday 03.03.08 - 14.15-16.00. Room J2-009

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Methodology of developmental research in mathematics teaching

To research developmental processes and outcomes concurrently with engaging in the developmental process might appear contradictory to sound scientific research principles of objectivity and the separation of researcher and researched. However, this is exactly what is intended in the developmental research projects, Learning Communities in Mathematics (recently completed), ICT in Learning Mathematics, and Teaching Better Mathematics that are pursued at The University of Agder. In this seminar the rationale for development research and an outline of some of the methods employed will be presented. Furthermore, it will be argued that the combination of development and research neither weakens nor distorts the research. On the contrary, the combination of foci leads to informed development, trustworthy research outcomes, and positive impact on the practices of teaching and learning mathematics.