Autumn Academy (Session II)

January 13th – 16th, 2009

Test Designs, Item Response Theory and Proficiency Estimates
Venue: ETS Princeton, New Jersey, USA

The IEA-ETS Research Institute (IERI, http://www.ierinstitute.org) is organizing a second session of the Autumn Academy on "Assessment Designs, Item Response Theory and Proficiency Estimates in Large Scale Assessments". Instructors for the IERI Academy will be Matthias Von Davier and Kentaro Yamamoto from the Educational Testing Service.

The draft schedule of topics is as follows:

January 13th	Overview of assessment design principles and discussion of advantages and disadvantages of current designs being used in international large scale assessments.
January 14th	Overview of principles of item response theory, including advantages and disadvantages of different models currently in use and models currently being developed and becoming operational.
January 15th	Overview of principles of population modeling and proficiency estimation using current operational models. A review of the procedures and techniques for carrying out conditioning and multiple imputations with large scale assessments will be conducted.
January 16th	Hands on training on the use of available software to carry out item calibration and proficiency estimation, as well as the generation of files for subsequent secondary data analysis

The general day to day schedule will consist of presentations during the morning, and hand-on practical assignments during the afternoon. Participants are expected to bring their own PC laptop computer with statistical software installed. Demonstration versions of the software for the hands-on training will be distributed to the participants during the Academy.

Participation will be limited to 25 attendees. For registration information please complete the attached registration form or contact the IEA – ETS Research Institute (IERI) at: IERInstitute@iea-dpc.de or visit our homepage at: www.IERInstitute.org.