



# Spring Academy 2012

May 7<sup>th</sup> through 10<sup>th</sup>, 2012

## Analyzing International Databases

Venue: Ontario Institute for Studies in Education  
252 Bloor Street West  
Toronto, CANADA

The IEA-ETS Research Institute (IERI, <http://www.ierinstitute.org>) is organizing a four-day Spring Academy on conducting analysis using international databases in education (TIMSS, PIRLS, ICCS, PISA, etc.).

The following topics will be covered:

May 7 <sup>th</sup>	Overview of content and structure of most recently released international databases. Discussion on sampling and test design and implications for analysis. Finding variables and defining analysis questions, file and variable naming conventions. Review of survey instruments and development of research/policy questions.
May 8 <sup>th</sup>	Using the IDB Analyzer and the International Data Explorer. How to construct indices from the data collected.  Evaluating statistical significance.  Participants elaborate their research questions and commence analyzing data.
May 9 <sup>th</sup>	Participants continue work on defining a question or questions of interest and conducts preliminary analysis. Staff will be available throughout the day to help participants elaborate questions and start conducting their analysis.
May 10 <sup>th</sup>	Each participant will be expected to make a presentation outlining a research project that makes use of an international database and preliminary results, as available.

Participation in the Academy is limited to 25 attendees. Participants are expected to have knowledge of statistical analysis techniques, and bring their own laptop computer with SPSS 11.0 or higher installed. Demonstration versions of the software for the hands-on training will be distributed to the participants during the Academy.

The general day to day schedule will consist of a mixture of presentations and hands-on practical assignments. Sessions will start promptly at 9:00 in the morning and finish at 17:15. On Thursday May 10<sup>th</sup> sessions will finish at 13:00.

Registration fee is 350 Euro if received by April 10<sup>th</sup>, 375 Euro after April 10<sup>th</sup>. Participants are expected to cover their own travel and accommodation costs. A list with hotels, course requirements and final agenda will be sent to you upon receipt of your registration and payment.

For registration and more information about the Academy, please visit us at:

[http://www.ierinstitute.org/html/training\\_area.html](http://www.ierinstitute.org/html/training_area.html) .