

PROFILE ANALYSIS

2-DAY WORKSHOP

Prague, 25 – 27 April 2025

We would like to inform invite you to joins us for a 2-day workshop on Profile Analysis, supported by EALTA and given by **Norman Verhelst** and **Ivailo Parchev**.

The workshop will be held in **Prague**, in April, 25 to 27, at National Pedagogical Institute, Senovážné náměstí 25, 110 00 Prague 1, Czech Republic. The workshop starts on **Friday April, 25th at 14:00** and ends on **Sunday, April 27th at 12:00**.

DESCRIPTION

Profile analysis is a generalized form of DIF analysis (DIF = Differential Item Functioning) where differential functioning for categories of items, each representing a different concept or aspect of testing (such as Multiple Choice versus Open Ended questions) can be discovered in two or more groups. It is applicable for binary as well as polytomous items. In its application it uses the results of an IRT analysis (like the Rasch model). In the workshop the theory will be treated in a non-technical way, the software is demonstrated using real data from different countries and training is given to use the software in one's own research. In preparation of the workshop the software will be distributed together with the instructions to install it on the computer of the participant. Prerequisites: an elementary introduction in statistics is required; one has to understand the principles of a statistical test (e.g. a t-test). Familiarity with DIF analysis can be helpful in understanding the approach of the workshop.

Norman Verhelst studied Psychology in Leuven (Belgium). He worked at the universities of Leuven (B), Nijmegen (NL), Utrecht (NL) and Twente (NL) and specialized in IRT. He was associated in technical commissions of PISA and IEA (for surveys like TIMSS and PIRLS). From 1085 to 2010 he worked as psychometrician at the Dutch Institute for Educational Measurement (Cito). He is coauthor of the manual to relate exams to the CEFR and is an expert member of EALTA. Since 2011 he is an independent consultant and researcher in Psychometrics.

Ivailo Parchev studied Statistics and Sociology in Sofia (Bulgaria). He worked at the Bulgarian Academy of Sciences (1983-1989), Sofia University (1989-2000), Jena University (2000-2009), KULeuven (2010), and Cito (2011-), where he is responsible for sampling statistics. He is coauthor of Dexter, an R-package for Psychometric Analyses

Registration fee: 85 EUR

To **register**, please **write** an e-mail to the local organizer Martina Hulešová (mhulesova@volny.cz) AND **pay** the fee to:

IBAN CZ79 0800 0000 0046 6017 8339 BIC/SWIFT GIBACZPX

Mention your name when you send the payment.

The maximum number of participants is **30**, the minimum **10**.

Deadline for registration and payment: March, 24.

On March, 25 the workshop leaders decide whether the workshop has enough participants. **Please, do not order travel tickets before you receive confirmation that the workshop will actually take place. If the workshop is cancelled, the paid fee will be reimbursed.**

Practical information (how to get to the venue, tips for accommodation etc.) will be sent to the participants after March, 24.