



University of
Zurich ^{UZH}

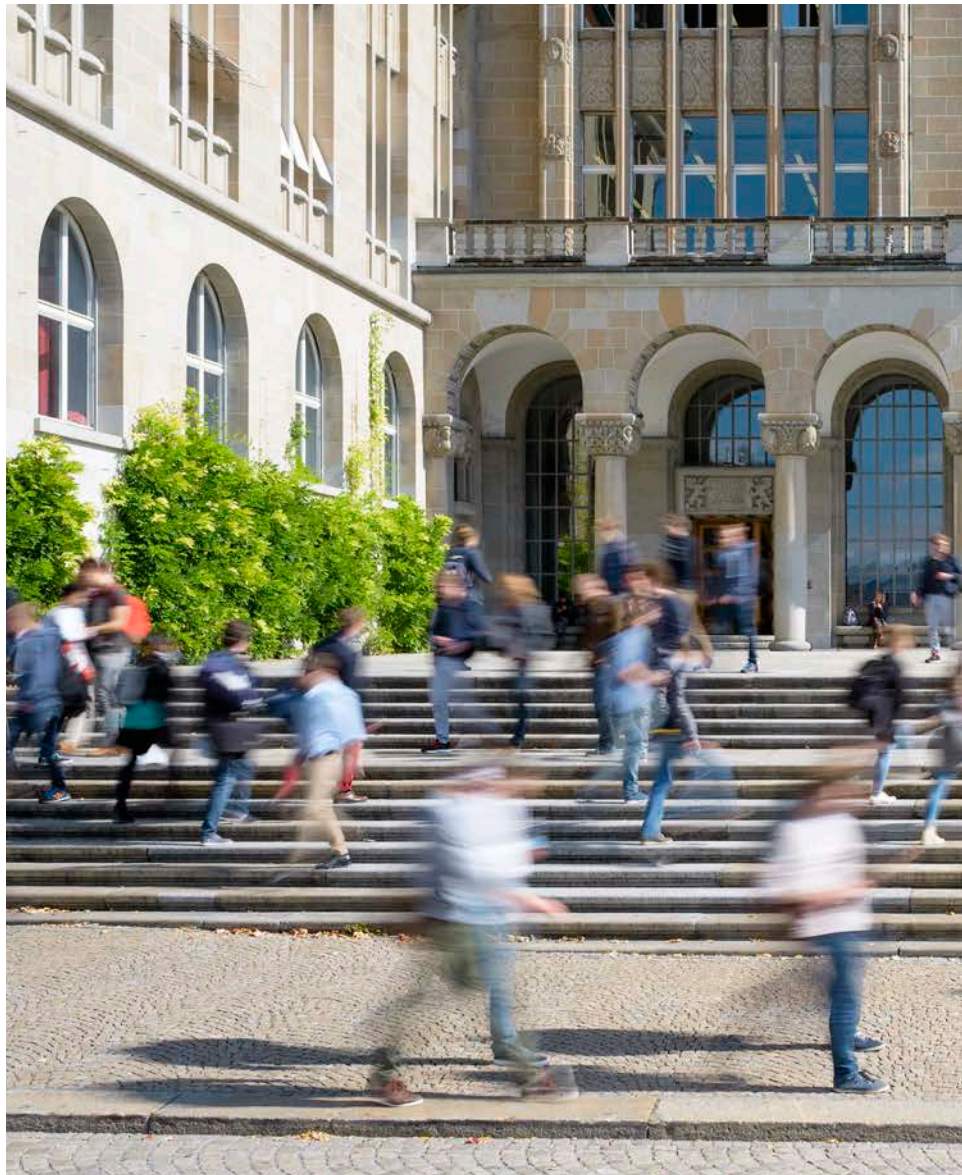


Psychometric
Society

IMPS 2017

Final Program





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WELCOME

Dear Attendees and Guests,

We cordially welcome you to the 82nd Annual Meeting of the Psychometric Society held at the University of Zurich, Switzerland! With presenters and attendees from more than 30 different countries, we are looking forward to a truly international conference in a cosmopolitan, yet cozy, city.

Zurich offers a wide variety of cultural attractions and outdoor activities, especially in summer. The scenic downtown area is easily walkable and full of historic alleys, boutiques, and exquisite restaurants. The entirety of the city—including Lake Zurich and the surrounding mountains—can also be explored on foot, by train, boat, funicular, or other means of public transportation.

The conference is held at the historic main building of the University of Zurich's City Campus (Rämistrasse 71, Zurich, Switzerland), which is conveniently located within walking distance of the downtown area. This building was inaugurated in 1914 and has been carefully renovated, creating a fascinating blend of historic benchmarks with a modern touch.

The University of Zurich has, as of today, been a scientific home to no less than 12 Nobel Prize laureates, including Albert Einstein and Erwin Schrödinger. It was also among the first European universities allowing women to study, and you will find an oversized chaise lounge honoring the first woman in Switzerland to receive a doctorate in law, Dr. Emilie Kempin-Spyri, next to our registration desk in the Lichthof hall.

Most recently, the building has gained additional attention as a film location for the Chinese TV series "The Interpreter," so some of our international participants might even recognize parts of the architecture, such as the central stairway depicted here.

The conference starts with three parallel short courses on Monday, July 17. The main conference runs from Tuesday, July 18, to Friday, July 21. We have also arranged a variety of social events, which are listed in the program booklet and on the website, to give you an opportunity to network and see more of Zurich and its beautiful surroundings.

If you have the time, Zurich is also an ideal starting point for excursions and day trips within Switzerland and to the neighboring countries. Check out the conference website for suggestions.

We hope you enjoy the conference and your stay in Zurich!

Carolyn Strobl
Local Organizer

Anders Skrondal
President of the Psychometric Society



Conference Venue

The conference is held at the University of Zurich main building, City Campus (Rämistrasse 71, Zurich, Switzerland). The building can be accessed from Rämistrasse or from Künstlergasse.

The University is conveniently located within walking distance of Zurich's beautiful historic city center, with a view of Lake Zurich and (if the view is clear) the Swiss Alps. The conference venue can be reached by short public transport or even by foot from many hotels in the city center. The closest tram stop to the University is ETH/Universitätsspital.

Please consult the venue map on the conference website for the locations of public transport stops near your hotel and the conference venue. On pages 7-8 you will find further information on the public transport ticket that is included in the conference registration.





SHORT COURSES

The following full-day pre-conference short courses will be offered on Monday, July 17, 2017, 9:30 a.m.-5:10 p.m.:

Short Course 1: Causal Inference in Experiments and Observational Studies

Presenter:

Donald Rubin, Harvard University, MA, USA

Short Course 2: Dynamic Structural Equation Modeling of Intensive Longitudinal Data Using Mplus Version 8

Presenters:

Bengt Muthén, Tihomir Asparouhov, Muthén & Muthén, CA, USA

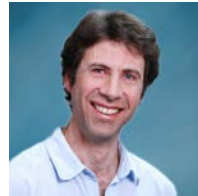
Ellen Hamaker, Utrecht University, The Netherlands

Short Course 3: Item Response Theory in R

Presenter:

Thomas Rusch, WU Vienna University of Economics and Business, Austria

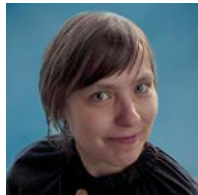
KEYNOTES



Peter Bühlmann, ETH Zurich, Switzerland

HETEROGENEOUS LARGE-SCALE DATA: NEW OPPORTUNITIES FOR CAUSAL INFERENCE AND PREDICTION

Tuesday, July 18, 2017,
9:15 a.m.-10:15 a.m.



Maria Bolsinova, Utrecht University and Cito, The Netherlands

2017 Psychometric Society Dissertation Prize

MAKING THE MOST OUT OF RESPONSE TIMES: MOVING BEYOND TRADITIONAL ASSUMPTIONS

Tuesday, July 18, 2017,
5:50 p.m.-6:20 p.m.



Don Rubin, Harvard University, MA, USA

DISENTANGLING ACTIVE TREATMENT EFFECTS FROM PLACEBO EFFECTS IN RANDOMIZED DOUBLE-BLIND TRIALS

Wednesday, July 19, 2017,
10:20 a.m.-11:20 a.m.



Ulf Böckenholt, Northwestern University, IL, USA

ITEM-RESPONSE MODELS FOR THE ANALYSIS OF SELF-REPORTS

Thursday, July 20, 2017,
1:30 p.m.-2:30 p.m.

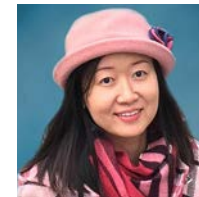


Willem Heiser, Leiden University, The Netherlands

2017 Psychometric Society Career Award for Lifetime Achievement

EARLY PSYCHOMETRIC CONTRIBUTIONS TO GAUSSIAN GRAPHICAL MODELLING: A TRIBUTE TO LOUIS GUTTMAN

Friday, July 21, 2017,
11:10 a.m.-12:10 p.m.



Chun Wang, University of Minnesota, MN, USA

2017 Psychometric Society Early Career Award

METHODS FOR RESOLVING MEASUREMENT ERROR CHALLENGES IN A TWO-STAGE APPROACH

Friday, July 21, 2017,
3:00 p.m.-3:45 p.m.



Anders Skrondal, Norwegian Institute of Public Health & University of Oslo, Norway and UC Berkeley, CA, USA

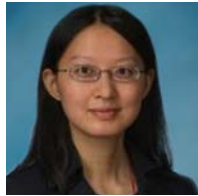
Presidential Address

THE ROLE OF CONDITIONAL LIKELIHOODS IN LATENT VARIABLE MODELING

Friday, July 21, 2017,
3:45 p.m.-4:45 p.m.



INVITED SPEAKERS



Ying (Alison) Cheng, University of Notre Dame, IN, USA
 STATISTICAL QUALITY CONTROL IN PSYCHOMETRICS
 Tuesday, July 18, 2017,
 5:00 p.m.-5:45 p.m.



Marie Wiberg, Umeå University, Sweden
 OPTIMAL SCORING AS AN ALTERNATIVE TO IRT AND SUM SCORING
 Thursday, July 20, 2017,
 10:05 a.m.-10:50 a.m.



Han van der Maas, University of Amsterdam, The Netherlands
 PSYCHOMETRICS FOR COMPLEX SYSTEMS
 Thursday, July 20, 2017,
 11:10 a.m.-11:55 a.m.



Norman Verhelst, Eurometrics, The Netherlands
 PROFILE ANALYSIS: A GENERALIZATION OF DIF ANALYSIS
 Friday, July 21, 2017,
 10:20 a.m.-11:05 a.m.

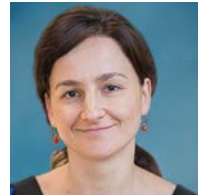
STATE OF THE ART SPEAKERS



Dorret Boomsma, VU Amsterdam, The Netherlands
 PSYCHOMETRICS AND GENETICS
 Tuesday, July 18, 2017,
 5:00 p.m.-5:45 p.m.



Tom Snijders, University of Groningen, The Netherlands and University of Oxford, UK
 NETWORK ANALYSIS: GOODBYE TO INDEPENDENCE ASSUMPTIONS
 Thursday, July 20, 2017,
 10:05 a.m.-10:50 a.m.



Victoria Savalei, University of British Columbia, BC, Canada
 SEM, ROBUST CORRECTIONS, AND MISSING DATA
 Thursday, July 20, 2017,
 11:10 a.m.-11:55 a.m.



J. R. Lockwood, Educational Testing Service, NJ, USA
 VALUE-ADDED MODELING
 Friday, July 21, 2017,
 10:20 a.m.-11:05 a.m.





PROGRAM EVENTS

Graduate Student Mixer

Monday, July 17: 6:30 p.m.

Off-Site Location: Panama Bar

On Monday at 6:30 p.m., a student get-together will take place at the Panama Bar that is located on a small island in the Limmat River.

As a registered student, you will receive vouchers for a simple but tasty dinner and a drink (given what you may have already heard about Zurich restaurant prices, this should be motivation enough to come ;-)), and have the opportunity to meet other students from all around the world in a unique atmosphere.

You will receive detailed directions how to get to the Panama Bar with your conference materials.



Group Photo

Tuesday, July 18: 10:20 a.m.-10:40 a.m.

Lichthof Hall (Floor D)

The group photo will be taken in the Lichthof Hall (Floor D) on Tuesday at 10:20 a.m. after the first keynote talk.

Please proceed directly to the Lichthof after the session and bring some patience, as well as a broad smile, so that we get a beautiful picture of all participants. The conference group photo is sponsored by Muthen & Muthen. The group photo will be posted on the Society website for attendees to download following the conference.

IMPS 2017 Welcome Reception

Tuesday, July 18: 6:30 p.m.-8:30 p.m.

Polyterrasse, University of Zurich

The Welcome Reception will take place on Tuesday from 6:30 p.m.-8:30 p.m. on the Polyterrasse in front of the neighboring ETH (or in the Lichthof in the case of bad weather). From there, you have a great view over the old and new parts of the city.

You will receive detailed directions to the Polyterrasse with your conference materials. This event is also open to meeting attendee guests at no additional charge.



IMPS 2017 Excursion

Wednesday, July 19: 11:30 a.m.-7:30 p.m.

Visit the Munot fortress, historic city of Schaffhausen, and Rhine Fall waterfalls.

The excursion on Wednesday will take you to the historic city of Schaffhausen. There will be three parts to this excursion:

- Lunch will be served on the Munot fortress overlooking the old city.
- From the fortress, a short walk takes you into the city center, where you can spend time individually with a historic walking tour, some shopping, or a break in one of the little cafés.
- Bus shuttles then take you to the Rhine Fall waterfalls, where you can visit Laufen Castle and take a boat trip.

To make the excursion most enjoyable, please bring good walking shoes and clothes for dressing in layers (as well as an umbrella to be on the safe side) to the conference.

Persons with a walking impairment can contact the conference staff during the excursion to organize alternative transportation between the different locations.

Children can be brought on the excursion, but note that not all routes are accessible with a stroller. If you plan to take children under the age of 4 to the excursion, please contact the local organizers before the excursion.

IMPORTANT: Please make sure to wear your IMPS badge the whole week of conference, and in particular to the excursion, because it also serves as your ticket for the boat rides and for reduced prices at certain cafés in Schaffhausen.

You will receive detailed directions and a bus schedule for the excursion with your conference materials.





IMPS 2017 Poster Session Reception

Thursday, July 20: 6:15 p.m.-8:00 p.m.
Lichthof (Floor D)

The poster reception and poster exhibition on Thursday at 6:15 p.m. will take place in the Lichthof and the adjoining hallway Foyer West.

You will receive a map with the poster locations with your conference materials. Authors will be standing by their posters between 6:15 p.m. and 8:00 p.m. This event is also open to meeting attendee guests at no additional charge.



Conference Banquet

Friday, July 21: 7:00 p.m.-10:00 p.m.
Lake Side Restaurant

The conference dinner on Friday night at 7:00 p.m. will be held at the Lake Side Restaurant on the shores of Lake Zurich. This location can be reached by boat, by a scenic walk along the lake, or by bus/tram.

You will receive detailed directions and schedules (including the option to reach the dinner site by boat) to the conference dinner site with your conference materials.



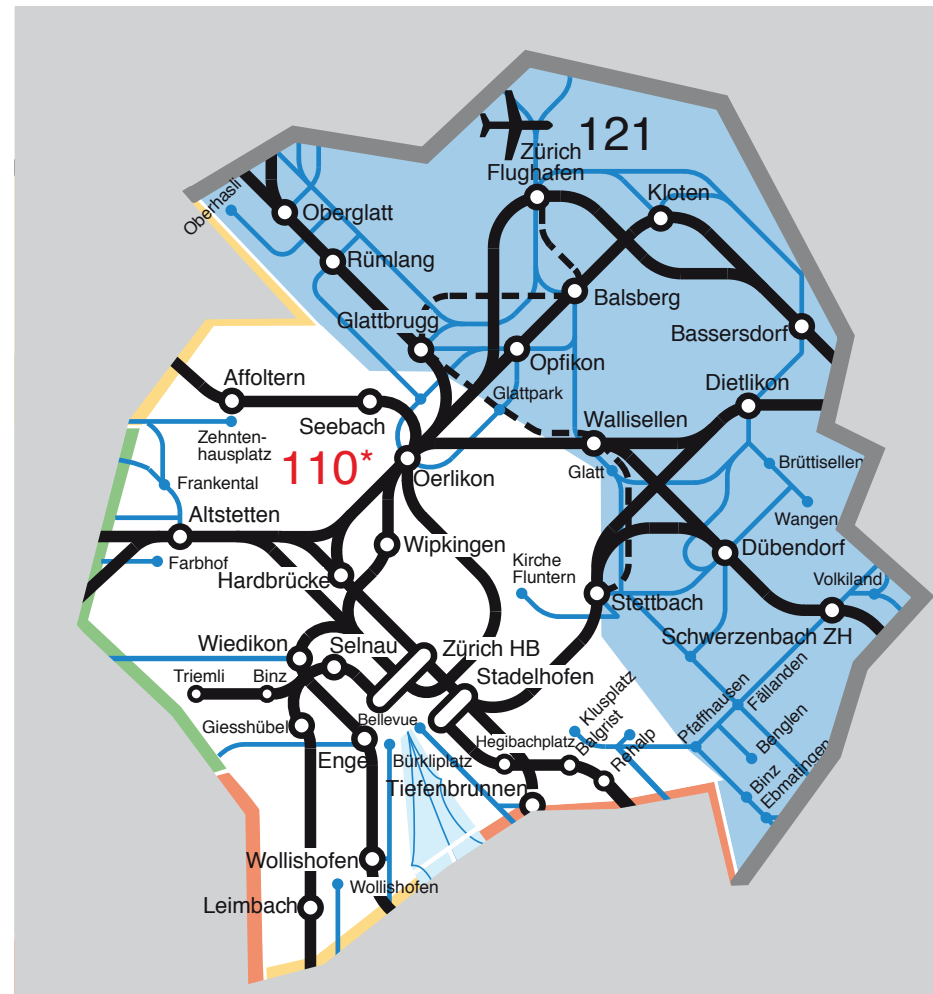
PUBLIC TRANSPORTATION INFORMATION

Public Transport Ticket

A public transport ticket is included in the regular conference registration and can be ordered for your guests as well. You will receive a copy of this ticket in advance of the conference by email. Please print it and have it ready on your arrival day to profit from free public transportation from the airport to the city. A second copy will be on your name badge that you receive with your conference materials.

The ticket is personalized, and controllers from the public transport carrier ZVV might check your ID to confirm your name on the ticket. Please make sure to take your name badge with the ticket with you at all times.

The ticket is valid from Sunday, July 16, through Saturday, July 22. With this ticket you can use all public ground transport facilities (bus, tram, S-Bahn, funicular railway) within the city center (zone 110 in the map below) and the airport area (zone 121 in the map below).



With the public transport ticket you can use all public ground transport facilities (bus, tram, S-Bahn, funicular railway) within the city center (zone 110, white) and the airport area (zone 121, blue).



Arrival from the Airport

To travel to the city center from the airport, there are different options that are all included if you print out and bring your ticket with you:

- Via tram (access: leave the building at Level 1 = ground level, see map below)

Tram line 10 runs every 7.5 or 15 minutes directly from the airport to Zurich's main railway station Hauptbahnhof in the city center (travel time about 35 minutes) via Glattpark, Oerlikon, and Irchel.

Tram line 12 runs every 15 minutes from the airport to Stettbach station, providing additional connections to the airport region and other parts of the city.

- Via train (access: go to Level 02 = underground, see map below)
S2 (platform 1) and S16 (platform 3) run directly from the airport to Zurich's main railway station Hauptbahnhof in the city center (travel time about 12 minutes) via Oerlikon. For more information and the timetable see: <https://www.sbb.ch/de/bahnhof-services/bahnhoefe/shopville-zuerich-hauptbahnhof.html>

In case you need to go to another destination, please select a train here: <https://www.zurich-airport.com/passengers-and-visitors/access-and-parking/swiss-federal-railways>

Getting to the Conference

To reach the conference venue from downtown Zurich, you can take several tram lines. Please consult the venue map on the conference website for the locations of public transport stops near your hotel and the conference venue.

For a more unique experience, you can ride up the hill from Central tram stop to the Polyterrasse next to the University by means of the historic Polybahn funicular railway, which is also included in your ticket. The Polybahn starting station near Central is somewhat hidden in what looks like a normal house, so feel free to ask passersby if you can't find it right away.

Online Route Planner and Timetable

To find the best means of public transport for your trips within the city of Zurich, use the following link to open the online timetable of the Zurich public transport provider: <https://online.fahrplan.zvv.ch/bin/query.exe/en>

Fill in your current location in field A ("from"), and your destination in field B ("to"). Both A and B can be either the names of public transport stops or street addresses. Then press "search connections" and choose one.

Boat Rides

For the day of our conference dinner, Friday, July 21, the ticket also includes boat rides within zone 110. The timetable for reaching the dinner by boat will be provided with your conference materials. On this day, the ticket is also valid for other boat rides, in particular on the flat glass-top Limmat boats, but only within zone 110 as displayed on the map.

Additional Fares and Further Information

If you need to travel to a destination outside of zones 110 and 121, it is possible to buy an "Anschlussbillett" (best translated as continuity ticket or zone update). These can be bought at any ZVV ticket machine or counter. The price depends on the additional number of zones you need to cross to reach your destination.

Note also that on Fridays and Saturdays from about 1:00 a.m., special night lines of buses and trams are operated for going out at night that are marked with an "N". For using these lines you need to buy an additional night fare ticket for 5 CHF at a ZVV ticket machine or counter.

In case you would be caught without a valid ticket, this would be a very costly experience, so please contact the ZVV information desk if you are unsure whether a trip is covered by your conference ticket:

- ZVV contact in the main train station (Hauptbahnhof), Löwenstrasse hall (near exit to tracks 31-34) Monday-Friday 7:00 a.m.-9:00 p.m., Saturday-Sunday 8:00 a.m.-8:00 p.m.;
- Or by phone (from within Switzerland) at 0848 988 988, daily 6:00 a.m.-10:00 p.m..

A map of public transport connections within the city center (zone 110) can be found here:

http://www.zvv.ch/zvv-assets/fahrplan/pdf/linien-netz_stadt_zuerich_dez16.pdf

The online timetable is available in English here:

<https://online.fahrplan.zvv.ch/bin/query.exe/en>





GENERAL CONFERENCE INFORMATION

Name Badge Policy

Conference name badges are required for entrance to all conference sessions, meals, and events. Be sure to wear your IMPS badge the whole week of conference, and in particular to the excursion, because it also serves as your ticket.

Registration and Information Desk

Conference Registration and Information Desk will be available throughout the Annual Meeting, located in the **Lichthof Hall on Floor D** of the University of Zurich main building (Rämistrasse 71). A representative from the National Office is available to offer assistance during the conference to answer questions, renew memberships, register individuals on site, or assist those interested in joining the Psychometric Society. To join online go to: <https://psychometricsociety.org/user/register>.

Registration Desk Hours of Operation

Monday, July 17
8:00 a.m.-5:00 p.m.

Tuesday, July 18
7:30 a.m.-5:45 p.m.

Wednesday, July 19
8:00 a.m.-11:30 a.m.

Thursday, July 20
8:00 a.m.-4:30 p.m.

Friday, July 21
8:00 a.m.-4:45 p.m.

Information for Presenters

Copies

If you plan to hand out paper copies during your presentation, you are responsible for copying and providing them at the conference. Please plan ahead as there will be NO conference-sponsored copy machines for attendee use.

Session Rooms

All speakers should arrive at the room at least 10 minutes before the session starts and introduce themselves to the chair and session room volunteer immediately. All session rooms are equipped with a laptop/desktop computer and LCD projector, as well as a wireless mouse, microphone, and laser pointer/presenter. The presentation computer has Internet access and has a PDF viewer and MS Office software installed. However, to avoid surprises with PowerPoint, speakers are advised to convert their slides to PDFs with all fonts embedded.

Bring your slides on a USB memory stick (also known as USB flash drive) and copy the file onto the presentation computer well before the session starts. Only for special reasons (such as software presentations) should speakers use their own laptop, in which case they need to test it before the session starts.

If you need assistance prior, during, and/or after a presentation, contact your IMPS Session Room Volunteer and/or the Society Registration Desk, as staff will be able to connect you with tech assistance.

Speaker and Presenter Testing and Practice Room

Speakers may practice and/or test their presentations using **KOH-B-10 (Floor B)** anytime between 8:30 a.m.-5:00 p.m. daily whenever there is no plenary session taking place. A PC will be available for speaker use to test and practice on a first-come, first-served basis. Please contact the Registration Desk to use this space and/or if you need assistance with the technical setup.

Poster Session Reception

Poster presenters may put up their posters on Thursday, July 20, anytime between 4:00 p.m.-6:00 p.m., and each author must stand with their poster from 6:15 p.m.-8:00 p.m. Presenters should arrive at their posters 5-10 minutes prior to the session beginning. Authors should remove their posters following the session by 8:30 p.m. Any posters not removed after the session will be kept at the

conference Registration Desk (**Lichthof Hall, Floor D**) until Friday, July 21, at 12:00 noon and then will be recycled by the University.

Lunches (Lunch Break)

For all regularly registered participants, lunches are included in the conference fee.

There are also a few restaurants near the conference venue, but you will find that restaurant prices in Zurich are high compared to most other countries. A list of moderately priced as well as specialized restaurants for having dinner will be available on the conference website. This list also contains restaurants close to the university in case you prefer to have lunch on your own.

During the conference (including the day of the pre-conference short courses), lunches will be served in the **Mensa** of the main building, on Floor B.

IMPORTANT: To receive your complimentary lunch without payment, please wear your conference name badge clearly visible to the Mensa staff.





Society Conference Message Board

The Conference Message Board is located near the Registration Desk in the Lichthof Hall, where you will find the latest information about the conference and can post job vacancies, messages for colleagues, announcements, or other items of interest.

Small Group Meeting Space

In addition to the open seating areas in the Lichthof Hall, a separate meeting room is available on a first-come, first-served basis for small meetings of conference attendees. We encourage you to take advantage of having your colleagues in one place and the opportunity to meet face-to-face. Please contact the IMPS Registration Desk (Lichthof Hall) to be shown to a meeting room if available.

Special Accommodations

If you require special accommodations and/or have special dietary needs during the conference, please visit the National Office staff located at the Registration Desk in the Lichthof Hall. The University main building is accessible through ramps and elevators. A quiet room and sanitary facilities for persons with disabilities are available close to the Registration Desk in the Lichthof. Please contact the conference staff before or during the conference if you need any assistance.



Conference Attire

Business casual attire is suggested for the conference but is not mandatory.

The conference venue is a historic building with thick stone walls, which usually keeps it at moderate temperature during the summer, but there is no air conditioning. Average temperatures for Zurich in July are between 13° C (55° F, average daily low temperature) and 24° C (75° F, average daily high temperature) with an all-day average of 19° C (65° F) for the city and also 19° C (65° F) for Lake Zurich and the Limmat River. Summer temperatures can go up to 35° C (95° F), but there also can be the occasional rain and storm. So you might want to bring both a bathing suit and an umbrella, and dress in layers to be prepared for changes in the weather and room temperature.

Since Zurich can best be explored by foot and our excursion will also involve walking on historic cobblestones, we also recommend that you bring comfortable walking shoes. (Alternative transportation will be provided for anyone with limited mobility.)

Coat and Luggage Cloakroom

Behind the Registration Desk in the Lichthof Hall is a separate space for depositing jackets, bags, etc. This cloakroom is guarded by the Registration Desk staff during its opening hours. Please pick up your belongings directly after the last session, otherwise they will be moved to a distant storage room until the next day.

Photography Disclosure

Portions of this event may be videotaped and photographed by the conference and/or the media. By attending this conference, you accept the possibility that you might be videotaped or photographed.

Automated Teller Machines (ATMs)

An ATM is available in the Lichthof Hall (Floor D) close to the IMPS Registration Desk.

Internet and Computer Room

At the conference venue there will be both presentation laptops in all session rooms for the presenters as well as a computer room with several

desktop computers that participants can use during the conference hours.

You will receive detailed instructions for using these computers, options for printing, and the conference Wi-Fi accounts with your conference materials.

Since the capacities for activating the conference Wi-Fi accounts on site are limited, you might want to activate your account before coming to the conference:

- Visit the page: <http://t.uzh.ch/coa>
- Insert the Event ID: 1782.AM2356, as well as your last name, first name, and email address
- You will then be shown your individual login and password on the screen
- Once you get to the conference venue, when opening a browser you will be redirected to enter this login and password information.

Please note that the login and password information will not be emailed to you or otherwise stored for you, so you need to copy this information and bring it to the conference to use your Wi-Fi account.

Thumb Drives Containing IMPS 2017 Program and Abstract Book

The Society has placed the IMPS 2017 Program book and Abstract book on several thumb drives for temporary use on site. Thumb drives for attendee use will be located at the IMPS Registration Desk for ease of download to your personal computer. The Registration Desk is located in the Lichthof Hall, Floor D.

IMPS 2017 Mobile APP

Back by popular demand, the Psychometric Society has a conference mobile app for IMPS 2017 Annual Meeting. Download the IMPS mobile app from the iTunes Store or Google Play, and search for IMPS 2017. Plan to download the app before you travel to the meeting site. Please be aware of any additional data charges. Access the program, abstracts, poster information, and more! Don't forget to register under the Activity Stream, and share your conference pictures during the week.



Cafeteria and Kiosk

In addition to the Refreshment Breaks served by the conference, you can buy little snacks and drinks at the Café Rondell on Floor E (Mon.-Fri. 8:00 a.m.-4:00 p.m.) and at the kiosk next to the ATM on Floor D (Mon.-Fri. 8:45 a.m.-2:00 p.m.).

Bringing Children to the Conference

Daycare for children of all ages has been provided close to the conference venue. If you have further questions about bringing children to the social events, or in case you need a nursing room, please contact the local organizers before the conference. On site, please contact the IMPS Registration Desk staff located on Floor D in the Lichthof Hall.

On the conference website, you will also find suggestions for activities with children in Zurich on your own. Children through the age of 5 (accompanied by an adult with a valid ticket) can travel free on all means of public transport within the ZVV area, including the city of Zurich and the airport region, which are covered by the conference ticket for the adults. For children between 6 and 16 years, tickets for a reduced price are available at any ZVV ticket machine or counter by selecting the icon for half price "1/2" (also called Halbtax).

Local Area information

Pharmacy

A 24x7 pharmacy (Apotheke) is located at the main train station (Hauptbahnhof, address: Bahnhofplatz 15)

Doctors (local practices and hospital)

- A permanent doctor's practice (Permanence) is located at the main train station (Hauptbahnhof, address: Bahnhofplatz 15), open every day from 7:00 a.m.-10:00 p.m. without an appointment:

<http://www.permanence.ch/en/>

- A special children's permanent doctor's practice (Swiss Medi Kids) is located across the street from the main train station (address: Bahnhofplatz 9), open every day from 8:00 a.m.-8:00 p.m. without an appointment:

www.swissmedikids.ch/en/locations#zurich-main-station

- A permanent dentist's practice is located at the Marktplatz Oerlikon (address: Edisonstrasse 11), open Monday-Friday 7:00 a.m.-9:00 p.m., Saturday 9:00 a.m.-4:00 p.m., and Sunday 12:00 noon-3:00 p.m.. Please call ahead for an appointment:

<https://zahnarztzentrum.ch/en/zurich/oerlikon.html>

- The University hospital area is located across the street and uphill from the conference venue. Its emergency department (address: Schmelzbergstrasse 8) is open at all times:

<http://www.en.usz.ch/Pages/emergency-service.aspx>

Power Sockets

Switzerland has special power sockets with 3 poles that are not the same as in other European countries. Flat 2-pole plugs, so called Europlugs (see picture), will also work (but not the thick round 2-pole ones). Please check whether your adapter is appropriate or buy one when you get here.



Local Area Shop Opening Hours

Most larger stores in Zurich are open from Monday to Friday between 9:00 a.m. and 8:00 p.m. and between 9:00 a.m. and 5:00 p.m. on Saturday, but smaller stores may close already at 6:00 p.m. during the week and at 2:00 p.m. on Saturday. On Sundays most shops are closed.

However, the shopping center Shopville underneath the main train station (Hauptbahnhof) and the central shopping area in the airport are open every day between 9:00 a.m.-8:00 p.m. (some even earlier or longer).



*We sincerely hope you have a wonderful visit to Zurich, Switzerland.
Thank you for joining us at IMPS 2017!*



PROGRAM COMMITTEE FOR IMPS 2017

Description: The Program Committee is responsible for the scientific program of the annual meeting of the Psychometric Society. Its duties include inviting speakers, short-course presenters, chairs, and organizers of invited sessions; reviewing submitted abstracts and proposals for symposia; designing the program; and providing advice and feedback on the program and abstract books. According to the bylaws, the president is the chair of the Program Committee and the members are the immediate past president, president-elect, secretary, four regular members, and any number of adjunct members. Two regular members of the Program Committee are appointed by the president every year to serve for two years. In addition, the president may appoint, for a term of up to one year each, any number of adjunct members.

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Rodolphe Dewarrat, University of Zurich, Switzerland

Isabel Hotz, University of Zurich, Switzerland

A special thank you to our local organizing committee members for all their hard work this year.

A special thank you also to these individuals for their assistance this year...

The Dissertation Prize Committee was composed by:

David Thissen

Albert Maydeu-Olivares

The judges for the Student Travel Awards were:

Peter Halpin

David Magis

Hao Wu

Sonya Sterba

Carol Woods

Minjeong Jeon

Jorge Gonzalez

Bonne Zijlstra

Thank you IMPS 2017 Volunteers

All volunteers are students and staff of the Chair for Psychological Methods, Evaluation and Statistics (Department of Psychology, University of Zurich, Switzerland).

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You will receive a printed copy of the following schedule on site:

IMPS Registration & Information Desk Hours of Operation: Lichthof Hall (Floor D)

Time	Day
8:00 a.m. - 5:00 p.m.	Monday, July 17, 2017
7:30 a.m. - 5:45 p.m.	Tuesday, July 18, 2017
8:00 a.m. - 11:30 a.m.	Wednesday, July 19, 2017
8:00 a.m. - 4:30 p.m.	Thursday, July 20, 2017
8:00 a.m. - 4:45 p.m.	Friday, July 21, 2017

Monday, July 17

Time	Room K02-F-180	Room KOL-F-101	Room KOL-F-118
9:30 a.m.	SHORT COURSE 1: <i>Causal Inference in Experiments and Observational Studies</i> Don Rubin	SHORT COURSE 2: <i>Dynamic Structural Equation Modeling of Intensive Longitudinal Data Using Mplus Version 8</i> Bengt Muthén, Tihomir Asparouhov, Ellen Hamaker	SHORT COURSE 3: <i>IRT in R</i> Thomas Rusch

11:00 a.m. - 11:20 a.m.	Short Course Refreshment Break - Floor F
12:50 p.m. - 1:50 p.m.	Short Course Lunch - Mensa Cafeteria
3:20 p.m. - 3:40 p.m.	Short Course Refreshment Break - Floor F
5:10 p.m.	End of Short Courses

6:30 p.m.	STUDENT MIXER - Panama Bar & Grill
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Tuesday, July 18 - Morning

Time	Room KOH-B-10
9:00 a.m. - 9:15 a.m.	Welcome Anders Skrondal, Gabriele Siegert, and Carolin Strobl
9:15 a.m. - 10:15 a.m.	Keynote Speaker: Peter Bühlmann <i>Heterogeneous Large-Scale Data: New Opportunities for Causal Inference and Prediction</i> Chair: Carolin Strobl

10:20 a.m. - 10:40 a.m.	GROUP PHOTO - Lichthof
10:40 a.m. - 11:00 a.m.	REFRESHMENT BREAK - Lichthof



Tuesday, July 18 - Morning - Parallel Sessions

Time	Room KO2-F-180	Room KOL-F-101	Room KOL-F-118	Room KOL-F-104
11:00 a.m. - 12:30 p.m.	<i>Discussion Symposium: Psychometrics and Psychological Science</i> Chair: Paul De Boeck	<i>Symposium: How to Deal With DIF in Educational Surveys?</i> Chair: Robert Zwitser	<i>CDM: Attribute Hierarchies and Longitudinal</i> Chair: Jimmy de la Torre	<i>IRT: Rater Effects</i> Chair: Andreas Frey
	De Boeck, P., van der Maas, H., Maydeu-Olivares, A., Strobl, C., Thissen, D., and Stern, E.	Glas, C. A.W., Punter, A., Meelissen, M. R. M. A Comparison of Three Methods for Modeling DIF	Köhn, H. F. Latent Attribute Space Identifiability and Q-Matrix Completeness for Cognitively Diagnostic Models With Attribute Hierarchies	Qiu, X. L., Wang, W. C. New Item Response Theory Models for Rater Errors
		Zwitser, R. J., Glaser, S. S. F., Maris, G. On the Difference Between Modeling DIF and Correcting for DIF	Song, L., Wang, W., Ding, S. Bayesian Networks for Modeling the Uncertainty of Attribute Hierarchy	Kulon, F. Assessing Raters' Reliability Without Multiple Ratings
		von Davier, M. Invariance vs. Fit or Stability vs. Variability in International Assessments	Peng, Q. Latent Transition Analysis With Log-Linear CDM	Casabianca, J. Modeling Changes in Adolescents' Character With the Hierarchical Rater Model
		Maris, G., Bechger, T. A Network Perspective on Educational Surveys	Zhang, S., Chang, H. H. Multilevel Hidden Markov Model for Learning Under Cognitive Diagnosis Framework	Wang, J., Lu, Z., Engelhard, Jr., G. Evaluating Rater Judgments With Cross-Classified Multilevel IRT Models
			Chen, Y., Culpepper, S., Wang, S., Douglas, J. Bayesian Modeling for Learning Trajectories in Cognitive Diagnosis Models	Engelhard, Jr., G., Wang, J., Wind, S. Cognitive and Psychometric Perspectives on Rater Accuracy in Writing Assessment

Tuesday, July 18 - Morning - Parallel Sessions - continued

Time	Room KOL-F-121	Room KOL-F-117	Room KO2-F-150	Room KO2-F-152
11:00 a.m. - 12:30 p.m.	<i>Causal Inference</i> Chair: David Kaplan	<i>Model Fit: Bayesian and Simulation-Based</i> Chair: Jean-Paul Fox	<i>CFA and Generalizability Theory</i> Chair: Fan Wallentin	<i>Estimation</i> Chair: Wicher Bergsma
	Markus, K. A. Lewis, Rubin, Pearl: Compare and Contrast	Hojtink, H., van de Schoot, R. Testing Small Variance Priors Using Prior-Posterior Predictive P-Values	Ximenez, C. Recovery of Weak Factor Loadings When Adding the Mean Structure	Ebbes, P., Howell, J.R., Liechty, J. Gremlins in the Data: Identifying Information Content of Research Subjects
	Morell, M., Yang, J.S. A Latent Variable Modeling Approach to the Regression Discontinuity Design	Bainter, S. The Impact of Moderately Informative Priors on Ability to Detect Model Misfit	Kolbe, L., Jorgensen, T. D. Testing Measurement Bias in Restricted Factor Analysis Using Product Indicators	Draxler, C. Bayesian Inference Based on Conditional Likelihood Functions
	Keller, B., Zhang, T. CART-Based Methods for Variable Selection in a Conditional Independence Framework	Santos, K. C., de la Torre, J., von Davier, M. Resampling-Based Approaches for Person Fit Assessment in Cognitive Diagnosis Modeling	Soysal, S., Ankan, Ç. A. Examining the Cross-Cultural Applicability Via Generalizability Theory	Klaassen, F., Hoijtink, H. Staying in the Loop: Specifying Prior Probabilities
	Kim, J.S., Steiner, P. M., Suk, Y. A General Framework of Multilevel Matching Strategies for Clustered Observational Data	Böing-Messing, F., Mulder, J. Automatic Bayes Factors for Testing Equality and Inequality Constrained Hypotheses on Variances	Lu, Z., Gu, F. State Space Approach to Canonical Correlation Analysis	Costantini, G., Epskamp, S. The Fused Graphical Lasso for Computing Psychological Networks
	Yung, Y.F. Causal Treatment Effect Analysis Using Two New SAS Procedures	Luo, Y. WAIC as a Model Selection Method for Polytomous Items		Mutz, R. Prediction or Production? A Bayesian Stochastic Frontier Structural Equation Approach



Tuesday, July 18 - Afternoon - Parallel Sessions 1

Time	Room KOL-F-180	Room KOL-F-101	Room KOL-F-118	Room KOL-F-104
1:30 p.m. - 3:00 p.m.	<i>Symposium: Networks and Latent Variable Models: Equivalences, Distinctions and Combinations Chair: Sacha Epskamp</i>	<i>Symposium: Computerized Adaptive and Multistage Testing: Developments, Challenges, and Solutions Chair: David Magis</i>	<i>IRT: Fit and Diagnostics Chair: Johan Braeken</i>	<i>Longitudinal Data Analysis Chair: Tom Loeys</i>
	Kruis, J. Three Representations of the Ising Model	van Rijn, P., The Paradox of Adaptive Testing and Item Calibration	Kondratak, B. Assessing Item Fit of Unidimensional IRT Model Using Plausible Values	Usami, S., Murayama, K., Hamaker E. L. A Unified Framework of Cross-Lagged Models
	Epskamp, S., Rhemtulla, M. Generalized Network Psychometrics: Combining Network and Latent Variable Models	Yan, D. A New Probability-Based Classification Method for MST	Liu, Y. Goodness of Fit Assessment for Restrict Re-Calibration of IRT Models	Miyazaki, Y. Evaluation of Quality of Estimate for Change in Two-Wave Data
	van Bork, R., Rhemtulla, M. How to Think of Model Complexity?	von Davier, A. A. Routing and Scoring Issues in an MST Design	Falk, C. F., Monroe, S. Score Tests and Information Matrix Approximations for MIRT Under Misspecification	Tisak, J., Alessandri, G., Tisak, M.S. Several Approaches to the Modeling of Ephemeral Effects
	Hofman, A., Kievit, R., Visser, I., van der Maas, H. A Comparison of Latent Variable vs. Network Models Using Longitudinal Data	Magis, D., Yan, D., von Davier, A. A. mstR: An R Package to Generate Multistage Testing Designs	Serrano, D., Iaconangelo, C. RMSEA2-Based Power for IRT Models: Theoretical Derivation and Empirical Validation	Zheng, X., Yang, J.S. Parameter Estimation in Latent Growth Curve Item Response Models
			Ligtvoet, R. On the Consistency of Latent Variable Models With the Observations	Ji, L., Chow, S.M. Stochastic Bivariate-Dual Change Score Model: Evaluation and Issues in Implementation

Tuesday, July 18 - Afternoon - Parallel Sessions 1 - continued

Time	Room KOL-F-121	Room KOL-F-117	Room KOL-F-150
1:30 p.m. - 3:00 p.m.	<i>IRT Chair: George Engelhard Jr.</i>	<i>Measurement and Large Scale Assessment Chair: Rianne Janssen</i>	<i>Statistics Chair: Matthew Johnson</i>
	Merkle, E. Psychometric Models for Forecast Evaluation	He, Q., Shin, H. J., Lennon, M.L., Chen, H., von Davier, M. Producing a Reliable Collaborative Problem Solving Scale in PISA 2015	Grønneberg, S., Foldnes, N. Covariance Model Simulation Using Regular Vines
	Noventa, S., Stefanutti, L., Vidotto, G. Some Considerations on the Derivation of Logistic Item Response Theory Models	Zhu, R. Can Score Jump Threaten the Stability of Linking Scales?	Bergsma, W., Jamil, H. Regression Modelling With I-Priors
	Kelderman, H., Bakker, T. A GRM Where Parameters are Functions of a Continuous Variable	Kim, C. M., Lee, M. A Comparison of Methods of Subscoring With Unbalanced Item Structures	Giannerini, S., Goracci, G. Small Sample Asymptotics for Multinomial Goodness of Fit Tests
	Koopman, L., de Rooij, M.J., Zijlstra, B. J. H. Bias of Two-Level Scalability Coefficients and Their Standard Errors	Ali, U., Rios, J. Reporting Reliable Aggregate-Level Subscores	Vanbrabant, L. Informative Hypothesis Testing
	Schmidt, K. M., Jung, K., Hwang, H., Meyer, J. P., Ryo, J. H. Person Scoring in 2PL Model Between CB-IRT and FB-IRT	Yocarini, I., Bouwmeester, S., Jongerling, J. Comparing Different Standard Setting Methods in a Higher Education Context	Shiina, K., Kubo, S. Correlation Computation for Ratings Using the Idea of Pearson (1913)



Tuesday, July 18 - Afternoon - Parallel Sessions 2

Time	Room KOL-F-180	Room KOL-F-101	Room KOL-F-118	Room KOL-F-104
3:20 p.m. - 4:50 p.m.	<i>Invited Symposium: Response Bias in International Large-Scale Assessments – Methodological Approaches</i> Chairs: Matthias von Davier & Lale Khorramdel	<i>CDM: CAT and Nonparametric</i> Chair: Gongjun Xu	<i>IRT: Local Dependence</i> Chair: Herbert Hoijtink	<i>Complex Models for Longitudinal Data</i> Chair: Sy-Miin Chow
	Khorramdel, L., von Davier, M., Pokropek, A. Mixture and Multi-Process IRTree Models for Measuring Response Styles	Chang, Y. P., Chiu, C.Y., Tsai, R.C. Computerized Adaptive Testing for Cognitive Diagnosis in Classroom: A Nonparametric Approach	Braeken, J. Bayesian Elastic Constraints to Screen and Model Local Item Dependencies	Karch, J., Brandmaier, A., Völkle, M. Gaussian Process Panel Modeling – A Unification of Longitudinal Modeling Approaches
	Meiser, T., Plieninger, H., Henninger, M. Modeling Response Styles With Ordinal and Multidimensional IRTree Models	Sorrel, M. A., Abad, F. J., Olea, J. Implications of Model Comparison on Cognitive Diagnosis Computerized Adaptive Testing	Yousfi, S. Considering Local Dependencies: Person Parameter Estimation for IRT Models of Forced-Choice Data	Schultzberg, M., Muthén, B. Subjects and Time Points Needed for Multilevel Time Series Analysis in MplusVersion8
	Primi, R. What Anchoring Vignettes Measure in Children Self-Reports?	Su, Y. H., Chang, H.H. Investigating the Constrained-weighted Item Selection Methods for CD-CAT	Jiao, H., Zhan, P. A Non-Compensatory Rasch Testlet for Items Embedded in Multiple Contexts	Liu, S. What Do We Gain and Lose by Using a Person-Specific Modeling Approach
	Pohl, S., von Davier, M. Using Response Times to Deal With Missing Responses Due to Time Limits	Xiong, J., Luo, F., Ding, S. A Cognitive Diagnosis Method Based on Mahalanobis Distance	Ip, E., Strachan, T., Ackerman, T., Fu, Y., Willse, J. Is a Test Sufficiently Unidimensional and Why 1D-IRT Will Not Work?	Kim, S., Lu, Z., Cohen, A. S. Topic Modeling for Longitudinal Text Data
	Pokropek, A., Khorramdel, L. A Flexible Mixture Modeling Approach to Correct Guessing Bias			

Tuesday, July 18 - Afternoon - Parallel Sessions 2 - continued

Time	Room KOL-F-121	Room KOL-F-117	Room KOL-F-150	Room KOL-F-152
3:20 p.m. - 4:50 p.m.	<i>Missing Data</i> Chair: Victoria Savalei	<i>Finite Mixture Models</i> Chair: Chun Wang	<i>Pacific Metrics Symposium: Adaptive Testing With Echo-Adapt</i> Chair: Wim van der Linden	<i>Multiway FA, PC, and Rotation</i> Chair: Marieke Timmerman
	Kaplan, D. Congenial Imputation for Designed Missing Data Using Plausible Values	Gnaldi, M., Bacci, S., Greiff, S., Kunze, T. Profiles of Students on Account of Complex Problem Solving Strategies	Choi, S., van der Linden, W. Shadow-Test Approach to Adaptive Testing and Its Generalization to Other Testing Formats	Kroonenberg, P. M. Cattell's Parallel Proportional Profiles: The Triumph of a Prodigal Rotation
	van Ginkel, J. F-Tests and Estimates for R2 for Multiple Regression in Multiply Imputed Datasets: A Cautionary Note on Earlier Findings	Ye, A., Harring, J. Three-Step Bias-Correction Methods for Auxiliary Variables in Longitudinal Mixture Modeling	van der Linden, W., Ren, H., Jiang, B. Adaptive Testing With Bayesian Parameter Updating and Optimal Design	Helwig, N. E. Multiway Factor Analysis With Functional and Structural Constraints
	Luningham, J. M., Lubke, G. H. Comparing Parametric and Non-Parametric Data Integration Methods	Di Mari, R., Bakk, Z. Latent Markov Modeling With Covariates in the Presence of Direct Effects		Mayekawa, S. I., Oki, Y., Yamamoto, Y., Yamashita, N. Factor Rotation to a Simple Structure With Prescribed Inter-Factor Correlation
	Kuha, J., Katsikatsou, M., Moustaki, I. Latent Variable Modelling With Non-Ignorable Item Nonresponse: Cross-National Analysis	Shang, Z. Identifying Latent Structures in Restricted Latent Class Models	Barrett, M. Adaptive Testing Simulation With Echo-Adapt	Kiers, H. A. L., Timmerman, M.E., Ceulemans, E. Rotation to Optimal Bi-Factor and Multi-Factor Structures
	Su, D. Planned Missing Data Designs in Large-Scale Assessments	Ling, H. K. A Graphical Latent Class Model for Multivariate Binary Data		Murakami, T. Orthonormal Polynomial Principal Component Analysis

4:50 p.m. - 5:00 p.m.

BREAK



Tuesday, July 18 - Evening

Time	Room KO2-F-180	Room KOL-F-101
5:00 p.m. - 5:45 p.m.	Invited Speaker: Ying (Alison) Cheng <i>Statistical Quality Control in Psychometrics</i> Chair: Terry Ackerman	State-of-the-Art Speaker: Dorret Boomsma <i>Psychometrics and Genetics</i> Chair: Irini Moustaki

Time	Room KOH-B-10
5:50 p.m. - 6:20 p.m.	Dissertation Prize: Maria Bolsinova <i>Making the Most Out of Response Times: Moving Beyond Traditional Assumptions</i> Chair: David Thissen

6:30 p.m. - 8:00 p.m.	Welcome Reception - Polyterrasse
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Polyterrasse, ETH Zurich



Wednesday, July 19 - Morning - Parallel Sessions

Time	Room KO2-F-180	Room KOL-F-101	Room KOL-F-118	Room KOL-F-104
8:30 a.m. - 10:00 a.m.	<i>Symposium: iRtool: A New Set of Tools for Psychometricians Chair: Timo Bechger</i>	<i>ETS Symposium: Psychometric Research at Educational Testing Service Chair: Kadriye Ercikan</i>	<i>Symposium: ANACONDA: Analysis of Conditional and Average Causal Effects Chair: Rolf Steyer</i>	<i>Estimation: Categorical-Response LV Models Chair: Myrsini Katsikatsou</i>
	Partchev, I. Dexter: Classical Test and Item Analysis Using the Interaction Model	Ercikan, K. Overview of Psychometric Research at ETS	Steyer, R. ANACONDA – Analysis of Conditional and Average Causal Effects: Introduction	Barendse, M., Rosseel, Y. On the Use of Pairwise Likelihood Estimation for Clustered Data
	Kamphuis, F. Enorm: Bayesian Analysis With the Extended Nominal Response Model	Zwick, R. Using Constrained Optimization to Promote Academic Excellence and Student Diversity in University Admissions	Neudecker, A., Kappler, G., Steyer, R. Standard Errors of Adjusted Probabilities of Success in Logistic Regression	Moustaki, I., Papageorgiou, I. Pairwise Likelihood Estimation Based on a Sample of Pairs
	Bechger, T. Roger: Enter Student Abilities	Casabianca, J. M. Using Item Response Theory Models to Detect and Correct for Rater Effects in Test Scores	Plötner, J., Steyer, R. ANACONDA With a Latent Outcome Variable Measured by Binary Variables	Müller-Platz, M., Kateri, M., Moustaki, I. Approximate Maximum Likelihood Estimation for IRT Models With Dichotomous Items
	Koops, J. 3DC: Using iRtools in Standard Setting	van Rijn, P., Ali, U. A Generalized Speed-Accuracy Response Model for Dichotomous Items	Sengewald, M. A., Pohl, S., Steiner, P. M., Steyer, R. Latent Covariates for Identifying the Average Treatment Effect	Andersson, B. Estimation of Latent Regression IRT Models Using the Laplace Approximation
		Sinharay, S. Detecting Test Fraud: Erasure Analysis, Detection of Item Preknowledge, Person-Fit Analysis and More		Cagnone, S. Latent Variable Models for the Analysis of Cognitive Functioning Over Time

Wednesday, July 19 - Morning - Parallel Sessions - continued

Time	Room KOL-F-121	Room KOL-F-117	Room KO2-F-150
8:30 a.m. - 10:00 a.m.	<i>IRT: Forced Choice and Faking Chair: Safir Yousofi</i>	<i>Reliability I Chair: Klaas Sijtsma</i>	<i>EFA & Classification and Regression Trees Chair: Henk Kiers</i>
	Chen, J. H., Chao, H. Y., Chen, C. C., Shih, C. L. A Forced-Choice Model for Enhancing Interpersonal Comparisons	Johnson, M. S. Information Gain and Informational Correlation as Measures of Reliability	Adachi, K., Trendafilov, N. Matrix Results for Elucidating the Essence of Factor Analysis
	Kreitchmann, R. S., Morillo, D. An Optimization Procedure for Assembling Multidimensional Forced-Choice Blocks	van der Ark, A., Jorgensen, T. Planning Inter-Rater Reliability Studies	Nieto, M. D. Assessing Dimensionality of Bifactor and Second-Order Models With Parallel Analysis
	Brown, A. Modelling Faking Behaviour in High-Stakes Personality Assessments	Smits, N., Conijn, J. M. Measurement Versus Prediction in Test Construction	Brodersen, A., Cheng, Y. Modified Parallel Analysis for Data With Planned Missingness
	Sun, L., Luo, F., Liu, H. Application of Thurstonian IRT Model in the Development of Fake-Resistant Forced-Choice Questionnaires	Du, H., Wang, L. Reliabilities of Intraindividual Variability Indicators With Autocorrelated Longitudinal Data	Lee, C. Variable Importance Measures From Random Forests and Bayesian Model Averaging
		Gu, Z., Emons, W. H. M., Sijtsma, K. On the Fallacies About and the Usefulness of Change Scores	Philipp, M., Rusch, T., Hornik, K., Zelleis, A., Strobl, C. Assessing the Stability of Trees and Other Statistical Learning Results



Wednesday, July 19 - Morning

Time	Room KOH-B-10
10:20 a.m. - 11:20 a.m.	<p>Keynote Speaker: Don Rubin <i>Disentangling Active Treatment Effects from Placebo Effects in Randomized Double-Blind Trials</i> Chair: Sophia Rabe-Hesketh</p>
11:30 a.m.-7:30 p.m.	EXCURSION



Rhine Falls



Wörth Castle on the Rhine River



Schaffhausen



Thursday, July 20 - Morning - Parallel Sessions

Time	Room K02-F-180	Room KOL-F-101	Room KOL-F-118	Room KOL-F-104
8:30 a.m. - 10:00 a.m.	<i>Invited ILD Symposium: Intensive Longitudinal Data: Past, Present, and Future</i> Chairs: Ellen Hamaker & Ted Walls	<i>CDM: Q-Matrix Inference</i> Chair: Hok Kan Ling	<i>CAT</i> Chair: Ying (Alison) Cheng	<i>Symposium: Missing Data in Large-scale Educational Assessments</i> Chair: Tyler Matta
	Hamaker, E. A Brief History of Dynamic Modeling in Psychology	Culpepper, S. A., Chen, Y. Bayesian Estimation of the Reduced Reparameterized Unified Model Q-Matrix	Chang, H. H., Wang, S. Some Promising Advancements Concerning CAT Foundations and Implementations	Rutkowski, L., Matta, T. Design and Treatment of Missing Auxiliary Data in Large-Scale Assessments
	Völkle, M. Time Stops for No One: A Continuous Time Perspective on Dynamic Modeling	Wang, W., Song, L., Ding, S. An Exploratory Discretized Factor Loading Method for Q-Matrix Specification	Reckase, M. D., Ju, U., Kim, S. Indicators of the Amount of Adaptation by Computerized Adaptive Tests	Robitzsch, A., Lüdtke, O. An Item Response Model for Omitted Responses in Performance Tests
	Tuerlinckx, F. Dynamical Models for Intensive Longitudinal Data	Fang, G. On the Identifiability of Diagnostic Classification Models	Chao, H. Y., Chen, J. H. A Dynamic Stratification Method for Improving Trait Estimation in CAT	Grund, S., Lüdtke, O., Robitzsch, A. Imputation of Missing Data at Level 2 Using Plausible Values
	Walls, T. New Directions in Intensive Longitudinal Data Analysis	Bai, Y., Ma, W., de la Torre, J. Alternative Implementations of the GDI Q-Matrix Validation Procedure	Frey, A., Mikolajetz, A. Measuring Non-Compensatory Multidimensional Structures With Computerized Adaptive Testing	Matta, T. Assessing Missing Data Assumptions Using Posterior Predictive Checks
		Ding, S., Luo, F., Wang, W. Xiong, J. Different Expressions of a Knowledge State and Their Applications	Hsu, C. L., Wang, W. C. Item Selection in Multidimensional Adaptive Testing for Noncompensatory IRT Models	

Thursday, July 20 - Morning - Parallel Sessions - continued

Time	Room KOL-F-121	Room KOL-F-117	Room K02-F-150
8:30 a.m. - 10:00 a.m.	<i>ACT Symposium: The Role of Testing Organizations in Promoting Psychometric Research</i> Chairs: Alina von Davier & Terry Ackerman	<i>Guessing and Indecision</i> Chair: Allison Ames	<i>SEM: H-Likelihood & Ridge Estimation</i> Chair: Silvia Cagnone
	Ackerman, T., Maris, G., de la Torre, J., van der Linden, W. and von Davier, A.	Wu, Q., De Laet, T., Lewyllie, C., Janssen, R. Simulating Response Patterns in Multiple-Choice Questions	Lee, Y. Factor Analysis With Ordinal Data: An H-Likelihood Approach
		Giordano, S., Colombi, R. Responding to Rating Questions With Inaccuracy: A Multivariate Mixture Model	Jin, S. Robust Nonlinear Structural Equation Modelling Using Double Hierarchical Likelihood
		Fariña, P. Parameters Interpretation and a Selection Test for the 1PL-G Model	Wallentin, F. Nonlinear Structural Equation Modelling With Hierarchical Likelihood Estimation
		Katsikatsou, M., Kuha, J., Butt, S., Skinner, C. The Effect of Probing "Don't Know" Responses on Measurement Quality	Yang, M., Yuan, K. H. Optimizing Tuning Parameter in Ridge Generalized Least Squares for Structural Equation Modeling
			Jiang, G., Yuan, K. H. Improving Parameter Estimates for Factor Analysis of Ordinal Data



Thursday, July 20 - Morning

Time	Room KO2-F-180	Room KOL-F-101
10:05 a.m. - 10:50 a.m.	Invited Speaker: Marie Wiberg <i>Optimal Scoring as an Alternative to IRT and Sum Scoring</i> Chair: Wim van der Linden	State-of-the-Art Speaker: Tom Snijders <i>Network Analysis: Goodbye to Independence Assumptions</i> Chair: Carolyn Anderson

10:50 a.m. - 11:10 a.m.

REFRESHMENT BREAK - Floor F

Time	Room KO2-F-180	Room KOL-F-101
11:10 a.m. - 11:55 a.m.	Invited Speaker: Han van der Maas <i>Psychometrics for Complex Systems</i> Chair: Francis Tuerlinckx	State-of-the-Art Speaker: Victoria Savalei <i>SEM, Robust Corrections, and Missing Data</i> Chair: Alberto Maydeu-Olivares

12:00 noon - 12:30 p.m.

Business Meeting
 Chair: Carolyn Anderson (Secretary)

12:30 p.m. - 1:30 p.m.

LUNCH - Mensa Cafeteria

Thursday, July 20 - Afternoon

Time	Room KOH-B-10
1:30 p.m. - 2:30 p.m.	Keynote Speaker: Ulf Böckenholt <i>Item-Response Models for the Analysis of Self-Reports</i> Chair: Dan Bolt

2:30 p.m. - 2:50 p.m.

REFRESHMENT BREAK - Floor F



Thursday, July 20 - Afternoon - Parallel Sessions 1

Time	Room KO2-F-180	Room KOL-F-101	Room KOL-F-118	Room KOL-F-104
2:50 p.m. - 4:20 p.m.	<i>ILD Symposium: Recent Extensions to Autoregressive Models in Psychology</i> <i>Chair: Casper Albers</i>	<i>Invited Symposium: The Replicability Crisis: Diagnosis, Etiology, and Treatments</i> <i>Chair: Jelte Wicherts</i>	<i>Symposium: Psychometrics for NextGen Educational Assessments</i> <i>Chair: Alina von Davier</i>	<i>CDM: Classification Accuracy and Misspecification</i> <i>Chair: Chanho Park</i>
	Albers, C., Bringmann, L. Modelling Smooth and Sudden Changes in Temporal Dynamics of (V)AR-Models	Crompvoets, E. A. V., Wicherts, J. M. Replicability of Structural Equation Modeling and the Availability of Syntaxes	Maris, G. Network Time: Network Models for Response Time and Accuracy	de la Torre, J., Sorrel, M. A. Attribute Classification Accuracy Improvement: Monotonicity Constraints on the G-DINA Model
	Schuurman, N. Measurement Error and Person-Specific Reliability in Multilevel Autoregressive Models	Hoekstra, R., Monden, R., van Ravenzwaaij, D., Wagenmakers, E. J. Bayes and Nonsignificant Findings: A Solution for the Replication Crisis	Halpin, P. F. A Random-Effects Extension of the Hawkes Process	Iaconangelo, C. Generalizing Indices of Classification Accuracy for Cognitively Diagnostic Assessments
	Chow, S., Tang, N., Ibrahim, J.G., Zhu, H. Bayesian Sensitivity Analysis of Dynamic Factor Analysis Models With Nonignorable Missingness	Wicherts, J. Why Replications Fail	Ou, L., Chow, S. M. The Estimation of the Nonlinear Mixed-Effects Continuous-Time Models	Prendez, J. The Effect of Minor Q-Matrix Misspecification in Cognitive Diagnosis Models
	Ryan, O., Hamaker, E. Interpretation and Identification of Path-Specific Effects in CT-VAR(1) Models	Böckenholt, U. Multilevel Multivariate Meta-Analysis With Application to Choice Overload	Chopade, P., Hao, J., Zhu, M., Polyak, S. NLP and Data Mining Methods for Performance Assessments	Sun, Y., Santos, K.C., Sorrel, M.A., de la Torre, J. Identifying Poor-Fitting Items Using Limited- Information Statistics for CDM
	Kuiper, R. Studying Time-Lagged Effects: To Be Continued or to Be Considered			Liaw, Y. L., Thummaphan P. Investigate Differential Item Functioning Under DINA and G-DINA Models

Thursday, July 20 - Afternoon - Parallel Sessions 1 - continued

Time	Room KOL-F-121	Room KOL-F-117	Room KO2-F-150	
2:50 p.m. - 4:20 p.m.	<i>IRT: Response Style and Fatigue</i> <i>Chair: Kensuke Okada</i>	<i>Equating and Norming</i> <i>Chair: Jorge Gonzalez</i>	<i>Reliability II</i> <i>Chair: Niels Smits</i>	
	Bandalos, D. L., Hedeker, D. Use of the Mixed-Effects Location-Scale Model to Detect Inconsistent Responding	Chan, V. W., Gunn, G., Sitarenios, G. CEFI AdultTM: Generalized Additive Model vs. Generalized Linear Model Scoring	Xie, Q., Wu, Y. F. Investigating Psychometric Properties of Composite Scores With Multivariate Generalizability Theory	
	Ames, A., Curtis, N., Holzman, M. Detecting Rater Fatigue Using Change Point Analysis	Voncken, L., Albers, C. J., Timmerman, M. E. Uncertainty in Normed Test Scores Due to Sampling Variability	Lee, W. C., Chang, K. F., Zhang, M., Malatesta, J. Composite Score Reliability Indices for Mixed-Format Tests That Contain Testlets	
	List, M. K., Robitzsch, A., Lüdtke, O., Köller, O., Nagy, G. Performance Decline in Educational Assessments: Different Mixture Modeling Ap- proaches	Benton, T., Can Artificial Intelligence Learn to Equate?	Kim, H. J. Reliability of Multistage Tests Using Generalizability Theory	
	Plieninger, H., Heck, D. W. An Acquiescence Model at the Interface of Psychometrics and Cognitive Psychology	Wallin, G., Häggström, J., Wiberg, M. Optimal Bandwidth Selection in Kernel Equating for Different Test Types	Li, D., Yi, Q., Andrews, B. Rater Agreement Indices for Large-Scale Writing Assessments	
	Jin, K. Y., Wang, W. C. A New Rasch Facets Model for Rater's Centrality/Extremity Response Style		Arai, S., Miyano, H. Comparison of Scoring Methods for Multiple-Choice Items	



Thursday, July 20 - Afternoon - Parallel Sessions 2

Time	Room KOL-F-180	Room KOL-F-101	Room KOL-F-118	Room KOL-F-104
4:30 p.m. - 6:00 p.m.	<i>ILD Symposium: Networks in Psychology: Recent Developments</i> Chair: Laura Bringmann	<i>Public Lecture: After the PISA 2000 Debacle in Switzerland: Lessons Learned and Measures Taken</i> Chair: Carolin Strobl (Ends at 5:30 p.m.)	<i>Invited Symposium: Response Times for Measurement and Understanding</i> Chair: Paul De Boeck	<i>DIF and Measurement Invariance</i> Chair: Edward Ip
	Timmerman, M., Bringmann, L. The Process Factor Model as a Framework for Network Building	Speakers: Tomasik, M. & Berger, S.	Molenaar, D., Bolsinova, M. Hidden Markov Mixture Modeling of Responses and Categorized Response Times	Ackerman, T., Ip, E., Chen, S. H., Fu, Y., Strachan, T. Investigating DIF Using the IRT Projective Model
	Bringmann, L., Ferrer, E., Hamaker, E. L., Borsboom, D., Tuerlinckx, F. Inferring Changing Networks With Time Varying Vector Autoregressive Models		Wang, C., Xu, G., Shang, Z. Detecting Aberrant Behavior and Item Pre-Knowledge: Mixture Modeling vs. Residuals	Wei, D., Zhang, D., Liu, H. A Multidimensional Testlet Response Model for DIF and DTLF Detecting
	Cabaço, T., Epskamp, S., Völkle, M., Schmiedek, F. Time, Dynamics and Psychology Using the Gaussian Graphical Model		Goldhammer, F., Kroehne, U., Steinwascher, M. Mixed Effects Modelling of Differences in the Speed-Accuracy Tradeoff Function	Gürer, C., Draxler, C. Penalized Conditional Likelihood: Improving Recent DIF-Detection Methods
	Kossakowski, J., Waldorp, L., van der Maas, H. L. J. Transforming Mutations into Models: Inferring Causal Networks from Experimental Data		De Boeck, P. Interwovenness of Response Time and Response Accuracy in Cognitive Tests	Martinkova, P., Drabinova, A. Detection of DIF Based on Non-IRT Generalized Regression Approaches
	Tio, P., van Deun, K., Waldorp, L. Estimating Cross-Source Relationships From Big Data Using Component- and Networks-Analysis			Jorgensen, T. D., Kite, B. A., Chen, P. Y. Permutation Tests of Measurement Equivalence With Binary and Ordinal Indicators

Thursday, July 20 - Afternoon - Parallel Sessions 2 - continued

Time	Room KOL-F-121	Room KOL-F-117	Room KOL-F-150	Room KOL-F-152
4:30 p.m. - 6:00 p.m.	<i>IRT: Multidimensional and Equating</i> Chair: Dries Debeer	<i>SEM: Estimation and Inference</i> Chair: Shaobo Jin	<i>Clustering</i> Chair: Hans-Friedrich Köhn	<i>Unfolding</i> Chair: Andries van der Ark
	Draney, K., Feuerstahler, L., Kriener-Althen, K., Wihardini, D., Xia, T. Issues in Applying Multidimensional Item Response Models	Huang, P. A Penalized Likelihood Method for Multi-Group Structural Equation Modeling	Belov, D., Wollack, J. Graph Theory Approach to Detect Test Collusion	Roberts, J., Meyer, R., King, D. Dimensionality Misspecification in the Multidimensional Generalized Graded Unfolding Model (MGGUM)
	Yang, J. S., Morell, M., Im, H., Wigfield, A., Muenks, K. Small-Sample MIRT Calibration and Model Selection Using the Grit Data	Tong, X. How to Handle Outlying Observations in SEM: Deletion or Robust Methods?	Li, J., Adachi, K. Cross Data Biclustering for Multiple Matrices of Different Sizes and Sources	Flore, G., Heiser, W., de Rooij, M. DIF and Violations of Local Independence in Unfolding Models
	Strachan, T., Ip, E., Fu, Y., Chen, S., Ackerman, T. Misspecification of the MIRT Model in Higher-Dimensional Projective IRT	Dudgeon, P. Robust Confidence Intervals for Structural Equation Modelling With Improved Robustness	Kampert, M., Meulman, J., Friedman, J. New Features in Clustering Objects on Subsets of Attributes (COSA)	King, D., Roberts, J. Modified MH-RM for Efficient Estimation of the Multidimensional GGUM
	Lee, G., Park, I., Lee, M., Lee, E., Kang, H. Several MIRT Models for Equating of Testlet-Based Test Scores	Schaffland, T., Kelava, A., Kohler, M., Krzyzak, A. Nonparametric Estimation of a Latent Variable Model	Yamashita, N., Adachi, K. SPARK: A New Clustering Algorithm for Obtaining Sparse and Interpretable Centroid	Tendeiro, J., Meijer, R. Unfolding IRT Models: Do They Always Fit When Expected?
	Lee, W., Kim, S., Malatesta, J. Equity Property in MIRT Equating	Chen, L., Savalei, V. Two-Stage Estimator for Item-Level Missing Data in Linear Regression		Joo, S., Lee, P.S., Stark, S. Information Functions for the GGUM-RANK Multidimensional-Forced-Choice Model



Friday, July 21 - Morning - Parallel Sessions

Time	Room KO2-F-180	Room KOL-F-101	Room KOL-F-118	Room KOL-F-104
8:30 a.m. - 10:00 a.m.	<i>Invited Symposium: Big Data Analysis in Cognitive Assessment and Latent Variable Models</i> <i>Chair: Jingchen Liu</i>	<i>DIF: Country-Level and Bayesian</i> <i>Chair: Steven Culpepper</i>	<i>SEM: Fit and Model Selection</i> <i>Chair: Jouni Kuha</i>	<i>IRT: Equating</i> <i>Chair: Marie Wiberg</i>
	Chen, Y., Li, X., Liu, J., Xu, G., Ying, Z Exploratory Item Classification Via Spectral Graph Clustering	Fox, J. P. Marginal Measurement Invariance Testing Using Bayes Factor	Maydeu-Olivares, A., Shi, D., Rosseel, Y. Assessing Fit in Structural Equation Models: A Monte-Carlo Evaluation of RMSEA vs. SRMR Confidence Intervals and Tests of Close Fit	Weissman, A. Incorporating Information Functions in IRT Scaling
	Revelle, W. Using MMCA to Explore the Structure of Personality and Ability	Köhler, C., Hartig, J., Naumann, A. Using Multilevel Logistic Regression to Detect Item Difficulty Variance Between Random Groups	Cheng, C., Wu, H. Confidence Intervals of Fit Indices by Inverting a Bootstrap Test	Trierweiler, T., Lewis, C., Smith, R. Reducing Conditional Error Variance Differences in IRT Scaling
	Li, X. Optimal Item Selection and Stopping for Computerized Adaptive Testing	Okada, K., Hojo, D. Model Comparison in Bayesian Item Response Models for Anchoring Vignettes	Hayakawa, K. Corrected Goodness-of-Fit Test in Covariance Structure Analysis	Sansivieri, V., Matteucci, M. Bayesian Ability Estimation in IRT Equating With NEC Design
	Liu, J. Analysis of Local Dependence for Latent Variable Models	Zeigenfuss, M., Strobl, C. A Hierarchical Bayesian Framework for Trait Measurement When Items Might Have DIF	Foldnes, N., Grønneberg, S. New Testing Procedures for Structural Equation Modeling	Gonzalez, J., San Martin, E. An Alternative View on the NEAT Design in Test Equating
		Desa, D. A Monte Carlo Study on Bayesian Measurement Invariance and Non-Invariance (MINI)		Battauz, M. Simultaneous Equating of Multiple Forms

Friday, July 21 - Morning - Parallel Sessions - continued

Time	Room KOL-F-121	Room KOL-F-117	Room KO2-F-150
8:30 a.m. - 10:00 a.m.	<i>Complex Dynamic Models</i> <i>Chair: Peter Halpin</i>	<i>Symposium: IRT is Just Another Network Model</i> <i>Chairs: Lourens Waldorp & Maarten Marsman</i>	<i>Meta-Analysis and Replicability</i> <i>Chair: Melanie Wall</i>
	Driver, C., Völkle, M. Hierarchical Bayesian Continuous Time Dynamic Modelling	Marsman, M., Borsboom, D., Kruis, J., Epskamp, S., Waldorp, L., Maris, G. Relating Ising Network Models to Item Response Theory	van Aert, R. C. M., van Assen, M. A. L. M. Estimating Replicability of Science by Taking Statistical Significance Into Account
	Liu, Y. Bayesian Nonparametric Dynamic Item Response Model With Shape Constraints	Anderson, C. Network Multidimensional Item Response Models: Beyond Simple Structure	Augusteijn, H.E.M. The Effect of Publication Bias on the Assessment of Heterogeneity
	Hu, Y., Stephenson, K. Phase Problem: An Example From Caffeine Consumption and Sleep Duration	Chen, Y. A Fused Latent and Graphical Model for Item Response Analysis	Dusseldorp, E., Li, X., Meulman, J. A New Approach to Moderation in Meta-Analysis: Meta-CART
	Chen, M., Chow, S. Continuous-Time Models With Time-Varying Parameters	Wermuth, N. On the Symmetric Quadratic Exponential Distribution	Doebler, P., Doebler, A. Meta-Analytic Comparison of Latent Means via Logit Percent Correct Scores
			Cheng, Y., Li, J., Waisman, R. Bootstrapping: Enhancing Successful Replication of Effect Size Estimates



Friday, July 21 - Morning

Time	Room KO2-F-180	Room KOL-F-101
10:20 a.m. - 11:05 a.m.	Invited Speaker: Norman Verhelst <i>Profile Analysis: A Generalization of DIF Analysis</i> Chair: Paul De Boeck	State-of-the-Art Speaker: J.R. Lockwood <i>Value-Added Modeling</i> Chair: Jee-Seon Kim
11:10 a.m. - 12:10 p.m.	Room KOH-B-10 Career Award For Lifetime Achievement: Willem Heiser <i>Early Psychometric Contributions to Gaussian Graphical Modelling: A Tribute to Louis Guttman</i> Chair: Ulf Böckenholt	
12:10 p.m. - 1:10 p.m.	LUNCH - Mensa Cafeteria	



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Friday, July 21 - Afternoon - Parallel Sessions

Time	Room KO2-F-180	Room KOL-F-101	Room KOL-F-118	Room KOL-F-104
1:10 p.m. - 2:40 p.m.	<i>Invited Symposium: Never Waste a Good Crisis: Towards Responsible Data Reproducibility, Transparency and Management Chair: Klaas Sijtsma</i>	<i>Symposium: Recent Developments of Item and Person Fit Measures in IRT Chairs: Carmen Köhler & Janine Buchholz</i>	<i>CDM: Extensions and Alternatives Chair: Guanhua Fang</i>	<i>Symposium: Recent Developments of Predictive Modeling in Psychology and Related Areas Chair: Heungsun Hwang</i>
	Moustaki, I. How Has the New Policy of Data Reproducibility Affected Research Published in Psychometrika?	Buchholz, J., Hartig, J. Group-Level Item-Fit Statistics for the Analysis of Invariance	Park, C., Cho, S. A Cognitive Diagnosis Mixture Model for Learners Applying Different Test-Taking Strategies	Hayes, T., McArdle, J. An Initial Test of CART-Based Missing Data Methods
	Wichert, J. Improving Reproducibility by Archiving and Sharing Our Research Data	Köhler, C., Robitzsch, A., Hartig, J. Bias Correction of the RMSD Item Fit Statistic Using Bootstrap	Liao, M., Jiao, H. A Cross-Classified Diagnostic Classification Model for Dual Local Item Dependence	Kim, S., Hwang, H. Recursive Partitioning of Extended Redundancy Analysis
	Tuerlinckx, F., Steegen, S., Gelman, A., Vanpaemel, W. Increasing Transparency Through a Multiverse Analysis	Tijmstra, J., Bolsinova, M. Bayes Factors for Testing Latent Monotonicity in Polytomous IRT Models	Lim, Y., S. Hierarchical Rater Model in Cognitive Diagnosis	Ryoo, J. H., Bradshaw, C., Kush, J. Propensity Score Analysis Using Super Learner for Longitudinal Data
	Sijtsma, K. Statistics Playing With Researchers: Policy to Prevent Questionable Research Practices	Spoden, C. Person Fit Analysis and Robust Estimation Methods	Xu, G. Partial Mastery Models for Cognitive Diagnosis	Guillemot, V., Beaton, D., Löfstedt, T., Gloaguen, A., Abdi, H. Variable and Individual Selection by Constraining the Singular Value Decomposition
			Bolt, D. Bifactor MIRT as a Basis for Diagnostic Score Reporting	Park, T., Kim, S., Choi, S., Kim, Y., Yoon, J. A Drug Response Prediction Model Using a Component-Based Structural Equation Modeling Method

Friday, July 21 - Afternoon - Parallel Sessions - continued

Time	Room KOL-F-121	Room KOL-F-117	Room KO2-F-150
1:10 p.m. - 2:40 p.m.	<i>CAT & Response Times Chair: Dylan Molenaar</i>	<i>Multilevel Modeling Chair: Ed Merkle</i>	<i>Finite Mixture Models & Eye Tracking Chair: Sabrina Giordano</i>
	Xie, Q., Wu, Y., Gao, X. Investigating Item-Exposure Control in Shadow-Test Approach to Computerized Adaptive Testing	Josephy, H., Loeys, T. Caution When Centering Lower Level Interactions in Multilevel Models	Su, H. Procedures for Multi-Factor Latent Class Parameter Estimation and Classification Accuracy
	Debeer, D., Ali, U., van Rijn, P. Automated Test Assembly of Multidimensional Parallel Test Forms	de Fátima Salgueiro, M., Freguglia, R., Vieira, M. D. T. Inter-Industry Wage Differentials: A Structural Equation Modelling Approach	Magnus, B. The Contribution of Count Items to Health- Related Symptom Assessment
	van Bebber, J. Facilitating Screening for Psychopathology in Primary Health Care Settings: CATja	Loeys, T., Talloen, W., Moerkerke, B. Testing the Upper-Level Exogeneity Assumption in Random Slope Models	Tein, J., Pelham, W., Mun, C. J., MacKinnon, D., Dishion, T. Misuse of Complier-Average Causal Effect (CACE) Analysis With Non-Normal Data
	Ulitzsch, E., Pohl, S., von Davier, M. A Dynamic Response Time Model for Speeded Tests	Wang, T., Merkle, E. Derivative Computations for Linear Mixed Effects Models With Applications	Visser, I., Raijmakers, M., van Renswoude, D. Circular Distribution Models for Saccade Directions
	Zhan, P., Jiao, H., Liao, D. Cognitive Diagnosis Modeling Incorporating Item Response Times	Ippel, L. Estimating Individual-Level Effects in Data Streams With Binary-Outcomes	van Renswoude, D., Raijmakers, M., Koorn- neef, A., Johnson, S., Hunnius, S., Visser, I. Gazepath: An Eye-Tracking Analysis Tool That Accounts for Measurement Error



Friday, July 21 - Afternoon/Evening

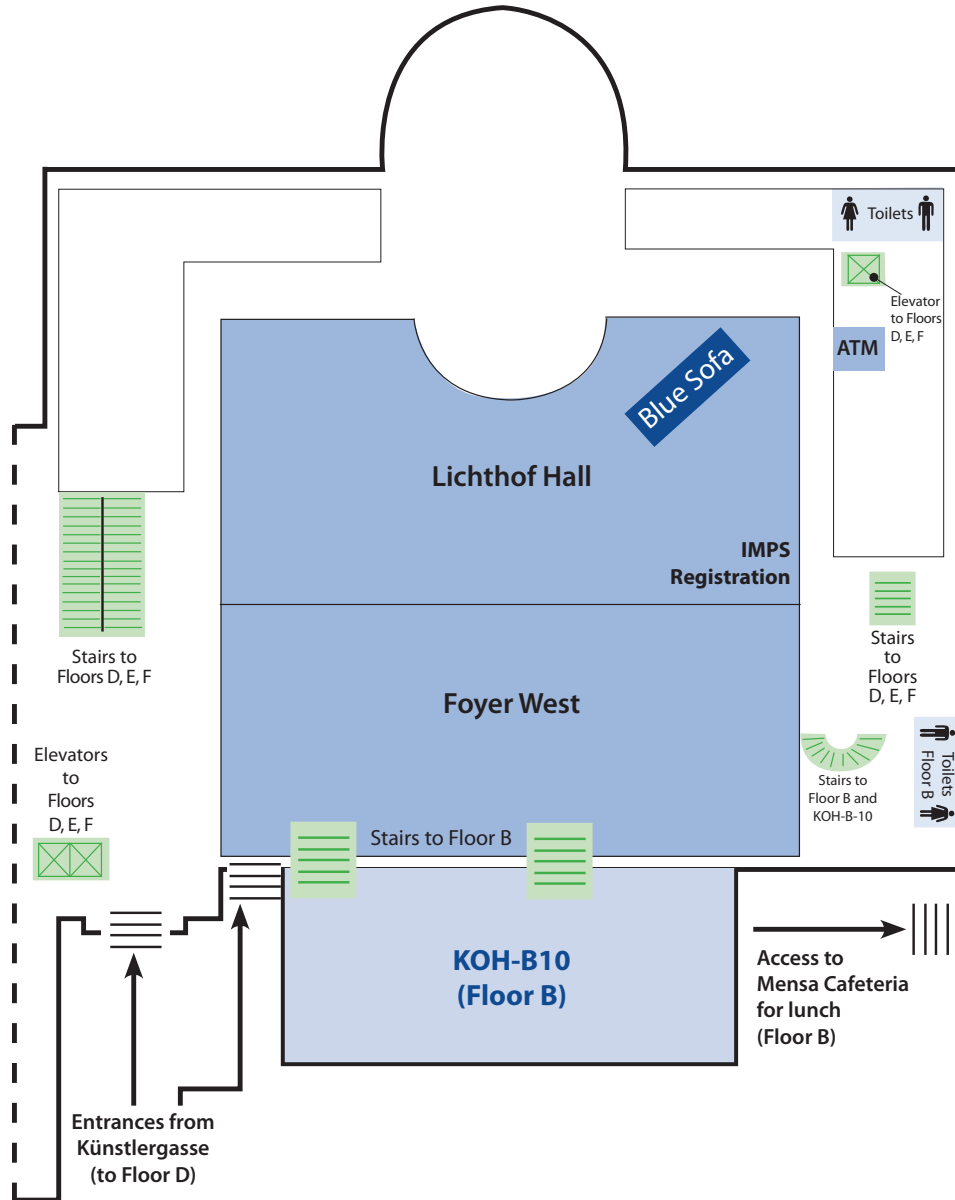
Time	Room KOH-B-10
3:00 p.m. - 3:45 p.m.	Early Career Award: Chun Wang <i>Methods for Resolving Measurement Error Problems in a Two-Stage Approach</i> Chair: Hua-Hua Chang
3:45 p.m. - 4:45 p.m.	Presidential Address: Anders Skrdal <i>The Role of Conditional Likelihoods in Latent Variable Modeling</i> Chair: Cees Glas
4:45 p.m. - 5:35 p.m.	Awards and Closing Chair: Cees Glas
7:00 p.m.	CONFERENCE BANQUET - Lake Side Restaurant



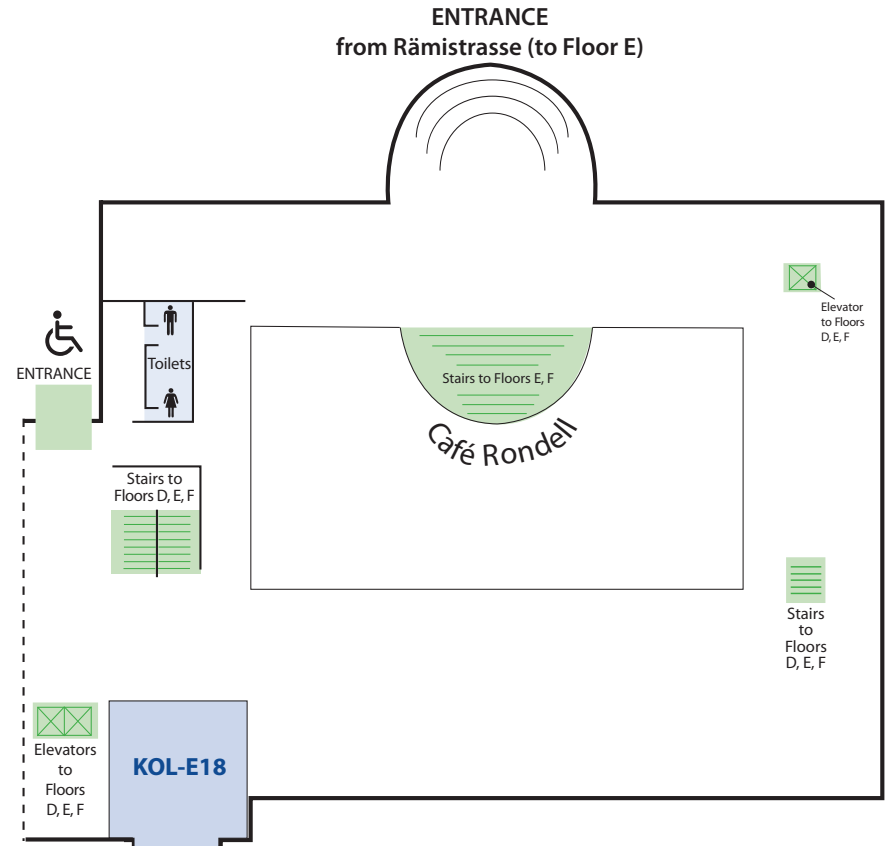
Lake Side Restaurant



Floor D with Floor B (Basement)

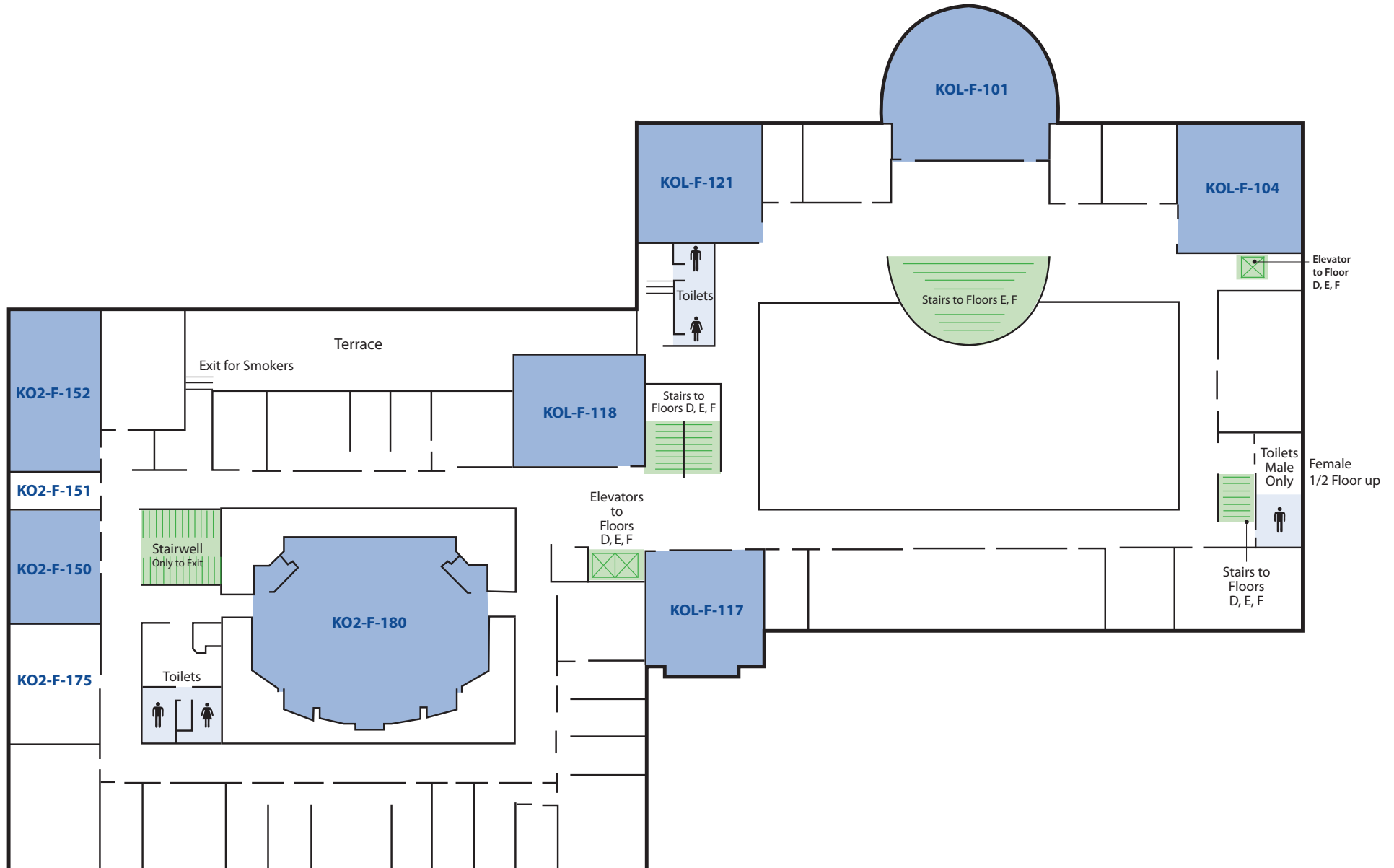


Floor E





Floor F





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