SmartPsychology SUMMER SCHOOL

Methods and Practices in Ambulatory Assessment and Intervention

Como Lake, Villa del Grumello | 4-8 July 2022

In recent years, many studies have used ecological momentary assessment (EMA), experience sampling method (ESM), daily diary, or ambulatory assessment to study human behavior and human experiences in their natural context. All these methods consist of repeatedly and often intensively collecting information from individuals about their daily lives in a way that is not possible using traditional designs.

More researchers apply sophisticated EMA designs in their studies thanks to smartphones' generalizability usage and advances in mobile technologies (e.g., wearable devices). These advances opened to new ways of capturing information from people as they go about their everyday lives, including measures of self-report, observational, biological, physiological, and behavioral measures. Moreover, the use of EMA reduces retrospective recall and biases related to self-report information and provides more ecologically valid data. In addition, the data obtained through EMA allows examining within-person processes and temporal dynamics that occur over relatively short time periods (minutes, hours, days).

The summer school program aims at presenting the state of the art methods and practices in ESM designs, providing examples of what can be studied in different domains, pointing to issues to which one should pay attention when building an ESM study, presenting some tools (software/apps) available for experience sampling, as well as exploring the rich range of data that can be gathered with sensory technologies. Specific attention will be devoted to simple and advanced data-analytic techniques that consider and exploit the dynamic nature of experience sampling data.

The summer school is mainly addressed to doctoral students, postdoctoral scholars, and early-career researchers in general.

Different interactive didactic methods will be used:
- Plenary lectures
- Methodological course
- Presentations and discussion about participants' research projects
- Informal Lunch Meetings with experts
- Special Topic lectures

For more information see **spai.lakecomoschool.org**

UNIVERSITÀ DEGLI STUDI DI MILANO BICOCCA

General Program and scheduling

Monday, 4th July
Morning: Opening - G. Costantini, M. Perugini, E. Preti, J. Richetin (University of Milano Bicocca)
Morning: Design considerations in Ambulatory Assessment - C. Wrzus (University of Heidelberg, Germany)
Afternoon: Hands-on: Design considerations in Ambulatory Assessment - C. Wrzus

Tuesday, 5th July
Morning: Mobile sensing: Promises and Barriers. - D. Ellis (University of Bath, UK)
Lunch meeting: How to publish EMA research in psychology - D. Ellis, C. Wrzus et al.
Afternoon: Design aspects of developing mobile applications for psychology research - A. Gabbiadini (University of Milano Bicocca)
Evening: Social Dinner

Wednesday, 6th July
Morning: Participants' presentations
Afternoon: Participants' presentations & Afternoon Social Event

Thursday, 7th July
Morning: Data-analytic techniques - T. Elmer (University of Groningen, the Netherlands)
Lunch meeting: Parallel group discussions on the participants' projects:
Afternoon: Cont.-Data-analytic techniques - T. Elmer
Late Afternoon Special Session: Reproducibility in psychological sciences - M. Perugini

Friday, 8th July
Morning: Advanced data-analytic techniques - L. Bringmann (University of Groningen, the Netherlands)
Afternoon: Cont.-Advanced data-analytic techniques - L. Bringmann
18:00 – Closing.

For more information and to apply
see **spai.lakecomoschool.org** or contact **smartpsychology@unimib.it**
Department of Psychology–University of Milano-Bicocca

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www.mibtec.it | www.bicapp.it

Application

REGISTRATION FEE 350 euro, VAT 22% included.
The fee covers all lectures; course material; wi-fi connections; lunches, coffee breaks, social dinner, Wednesday afternoon social event. The fee does not cover accommodation. See the website for accomodation options.
The School will be open to a maximum of 30-35 qualified and selected participants.

HOW TO APPLY
Prospective participants have to fill out and submit the form below and upload a short CV (2 pages), including a list of publications and a motivation letter.

ABSTRACT SUBMISSION
Prospective participants are invited to present scientific work. This can be in the form of completed work, ongoing data collection, or even projects in preparation or research ideas. Please upload an abstract as a pdf file.
Abstract submission guidelines title: maximum 150 characters, text: maximum 300 words; Abstracts should contain no figures.

PREREQUISITES
At least basic knowledge of the R environment (https://cran.r-project.org/) is needed. Introductory videolectures will be provided to participants who need to refresh their R programming skills, covering the basics of R.

DEADLINES
Participant application: May 4, 2022
Notification of acceptance: May 13, 2022
Registration (only accepted participants): May 31, 2022

INTERNATIONAL APPLICANTS
The School welcomes international participants from around the world. Some international applicants might need to obtain an entry visa to Italy. For more information visit the school website.

If you are required to apply for a visiting visa, you may need a School invitation letter. For more information, please contact the please contact **smartpsychology@unimib.it.**

For more information and to apply
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