



EUROPEAN ACADEMY
of Sciences and Arts



Ludwig-Maximilian University
Munich
Department of Psychology



SOCIETY FOR
PSYCHOTHERAPY
RESEARCH

Mayfair Academy
of Advanced Studies



Human Change Processes

13th Summer School

Virtual Conference

Mai, 31th – June, 2nd , 2021

Psychotherapy Research – Neuroscience – Nonlinear Complex Systems

The Summer Schools on Human Change Processes are a forum for exchange in psychotherapy feedback, process research, practical innovations, neuroscience and neuromodulation, team and organizational development, and social sciences

Organizers and Sponsors

- Institute of Synergetics und Psychotherapy Research, Paracelsus Medical University Salzburg
- European Academy of Sciences and Arts
- Center for Complex Systems
- German Society for Systemic Therapy and Family Therapy (DGSF)
- Ludwig-Maximilian University Munich, Department of Psychology
- Society for Psychotherapy Research, Complexity Science in Psychotherapy Special Interest Group
- European Association for Psychotherapy
- Mayfair Academy of Advanced Studies

Scientific Organizer

Prof. Dr. Günter Schiepek

Participation Fees:

50 Euro (students: 25 Euro). Single days: 20 Euro (students: 10 Euro).

Registration

www.humanchangeprocesses.com

By assignment of the participation fee to the bank account:

Hypo-Bank Salzburg

IBAN: AT195500011100006603

SWIFT: SLHYAT2S

Recipient and intended purpose: Summer School

Web Pages

humanchangeprocesses.com

christian-doppler-klinik.at

pmu.ac.at

ccsys.de

Monday, May, 31th, 9:00 – 18:00

Opening

Günter Schiepek
Wolfgang Aichhorn
Wolfgang Sperl

Human Change Processes – An Introduction
Klaus Mainzer

10.30h Coffee Break

11.00h

The Linear and the Nonlinear Approach in Process Research and Process Feedback – New Methods and Consequences for Practice
Günter Schiepek

Group-level Analysis of Physiological Coordination during Joint Action Using Multidimensional Recurrence Quantification Analysis
Sebastian Wallot

12.30h Lunch Break

14.00h

The Phase Transition Detection Algorithm
Günter Schiepek & Kathrin Viol

Textual Data Analysis: Implications for the Advancement of Research in Psychology
Alessandro Gennaro

A Qualitative Grounded Text Analysis of Psychotherapy Diaries – Can Pattern Transitions Be Identified in Diaries?
Philipp Garrison, Matthias Ochs & Sontje Nordholt

16.15h Coffee Break

16.45h

Psychotherapy Feedback. Effects, Mechanisms, Therapeutic Impact
Kim de Jong

Process Monitoring and Feedback in High Achieving Sports
Alexander Schorb

Tuesday, June, 1st, 9:00 – 17:00

The Measurement Problem in Psychology
Markus Maier und Günter Schiepek

Discussion of the Measurement Lecture
Mattias Desmet

10.30h Coffee Break

11.00h

What Too Much Method Obscures about the Validity of Outcome Measures
Mattias Desmet

Structure and Flexibility in the Psychotherapeutic Process
Giulio de Felice

12.30h Lunch Break

14.00h

Early-warning Signals and Order Transitions in Psychological Time Series
Merlijn J. Olthof, Anna Lichtwarck-Aschoff, Fred Hasselman, Günter Schiepek

The Application of Machine Learning and Neural Network Based Pattern Recognition to Time Series
Fred Hasselman

15.30h Coffee Break

16.00h

Idiographic System Modeling - New Ways of Visualization and Experiences from Practice
Helmut Schöller, Günter Schiepek et al.

Wednesday, June 2nd, 9:00-17:00

Concept of the Research Laboratory for Microsurgical Neuroanatomy as a Translational Model
Peter A. Winkler

Self-Organization in Networks – From Neuroscience to Systems Biology
Marc Thorsten Hütt

10.30h Coffee Break

11.00h

Pathologically Reduced Neural Flexibility Increases during Psychotherapy of OCD-Patients
Kathrin Viol & Günter Schiepek

Mapping Human Hybrid Synchronization: Chimaera and Quanta Dynamics in a Many Selves Perspective
Franco Orsucci

12.30h Coffee Break

14.00h

From Metaphor to Computation: Constructing the Potential Landscape for the Dynamics of Panic Disorder
Jingmeng Cui, Anna Lichtwarck-Aschoff, Fred Hasselman

A Thematic Analysis of Idiographic System Models
Robin van den Bergh, Benjamin Aas, Nora Daniels-Wredenhagen, Florian Pommerien-Becht, Florens Goldbeck, Anna Lichtwarck-Aschoff, Günter Schiepek

15.30 Coffee Break

16.00h

Becoming in Nature and Society – Envisioning a Future-Open Culture of Values
Beatrice Voigt

The International Complexity Science Master Program
Franco Orsucci

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