



EUROPEAN ACADEMY
of Sciences and Arts



Ludwig-Maximilian University
Munich
Department of Psychology



Mind Force Society – Institute for
Complexity Studies



Human Change Processes

Program of the 14th Summer School

Virtual Conference

June, 8th – 10th, 2022

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
- Mind Force Society – Institute for Complexity Studies

Scientific Organizer

Prof. Dr. Günter Schiepek and Prof. Dr. Franco Orsucci

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

Wednesday, June 8th, 9:00h – 18:30h

Opening
Günter Schiepek
Wolfgang Sperl
Wolfgang Aichhorn

Human change and complex systems science
Klaus Mainzer

What if? Mental health as a complex system and implications for interventions of the future
Claudi Bockting

10:30h – 11:00h Coffee Break

Modeling dynamic factorial changes in clinical process - Implications for the application of questionnaires in intensive longitudinal settings
Holger Brandt

Nonverbal processes in mentalization-based therapy
Marie Skaalum Bloch, Stine Steen Hoegenhaug

12.30h – 13:30h Lunch Break

Phase Transitions in time series and text data from the perspective of qualitative and AI methods in a single case
Tine Kolenik, Philipp Garrison, Günter Schiepek

Sense making and dimensionality in psychotherapy research
Alessandro Gennaro

15:15h – 15:45h Coffee break

Can psychotherapeutic processes be described as a dynamic system?
Giulio de Felice

Visualization of Dynamical Systems and Networks
Frederick D. Abraham

Vibrotacile Coordinated Reset fingertip stimulation – treating Parkinson's with a vibrating glove
Peter Tass

Thursday, June 9th, 9:00h – 18:30h

The complex dynamics of coevolution in human change
Franco Orsucci

Dynamic connectivity of meta-supervision, supervision, and psychotherapy processes assessed by the Synergetic Navigation System (SNS)
Nuša Kovačević Tojnko, Tatjana Rožič, Miran Mozina, Günter Schiepek

10:30h – 11:00h Coffee Break

The modeling of the process. A micro-analytic approach
Sergio Salvatore

Personalized Psychotherapy – idiographic and nomothetic modeling and case formulation
Günter Schiepek, Helmut Schöller

12:30h – 13:30h Lunch Break

Formalizing case formulations: Current approaches and future directions
Julian Burger

Computational modeling as a tool for treatment planning: The example of cognitive behavioral therapy for panic disorder
Don Robinaugh

15:00h – 15:30h

The best of both worlds? *General* change principles in *personalized* daily self-ratings
Merlijn Olthof, Fred Hasselman, Anna Lichtwarck-Aschoff, Anna Bosman, Günter Schiepek, Guido Strunk, Benjamin Aas, Daniela Müller, Silvia Scholz, Nora Daniels-Wredenhagen

A Copernican shift of perspective on the self: suggestions from the history of philosophy, Buddhism, neuroscience and self-organization
Christine Skarda

Friday, June 10th, 9:00h-14:00h

The unity and diversity of knowledge. A naturalistic approach based on theories of self-organization
Dirk Schulte-Tickmann

Injury prediction with the SNS in elite Sports
Alexander Schorb, Günter Schiepek

Implementing SNS to the SFU Outpatient Clinic at Ljubljana
Matej Vajda, Miran Možina

11:15h – 11:45h Coffee Break

Potential clinical effects of the Synergetic Process Management beyond hypnotherapy (ASH) – a Randomized Clinical Trial
Viola Hoffknecht, Günter Schiepek

Early warning signals in phase space: Geometric resilience loss indicators from Multiplex Cumulative Recurrence Networks
Fred Hasselman

Common practices in detecting psychological early warning signals may lead to incorrect results
Jingmeng Cui, Anna Lichtwarck-Aschoff, Merlijn Olthof, Fred Hasselman

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