



EUROPEAN ACADEMY
of Sciences and Arts



**Ludwig-Maximilian University
Munich**
Department of Psychology



Mind Force Society – Institute for
Complexity Studies



Human Change Processes

Preliminary 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

Vibrotactile 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

Contributors and Affiliations

Benjamin Aas
Systelios Health Center Academy, Siedelsbrunn, Germany

Fred Abraham, PhD
Administrator GMS Scholarship Fund
Positions at Silliman, UVM, & other Universities

Prof. Dr. Wolfgang Aichhorn
Director of the University Hospital for Psychiatry, Psychotherapy, and Psychosomatics, Paracelsus Medical University, Salzburg, Austria

Marie Skaalum Bloch
Center for Mentalization, Aarhus, Denmark

Prof. Claudi L. Bockting, licensed clinical psychologist
Amsterdam UMC, Department of Psychiatry and co-director Centre for Urban Mental Health, University of Amsterdam

Anna Bosman
Behavioural Science Institute, Radboud University, Nijmegen, NL

Prof. Dr. Holger Brandt
Methods Center, University of Tübingen, Germany

Julian Burger, PhD
Department of Psychology, University of Amsterdam, NL; Department of Psychiatry, University Medical Center Groningen, NL

Jingmeng Cui
University of Groningen, Faculty of Behavioural and Social Sciences, Nieuwenhuis Institute for Educational Research, NL

Nora Daniels-Wredenhagen
Systelios Health Center Academy, Siedelsbrunn, Germany

Giulio de Felice, MSc, DPsych, PhD (Dynamic Psychology M-PSI/07).
Associate Professor Xenophon College – University of Chichester, UK
Adjunct Professor Sapienza University of Rome, Italy

Alessandro Gennaro, PhD
Department of Dynamic and Clinical Psychology, Sapienza University of Rome, Italy

Philipp Garrison, MSc
University of Applied Sciences, Fulda, Germany

Fred Hasselman, PhD
Professor at the Behavioural Science Institute, Radboud University, Nijmegen, NL

Stine Steen Hoegenhaug
Outpatient Clinic of Anxiety and Personality Disorders, Northern Region, Denmark

Tine Kolenik
Master in Cognitive Science, Assistant Lecturer
Department of Intelligent Systems, Jožef Stefan Institute for Advances Studies, Ljubljana, Slovenia

Anna Lichtwarck-Aschoff, PhD
Full Professor & Head of the Department, Faculty of Social Sciences (Department Child & Family Studies), Rijksuniversiteit Groningen, NL

Prof. Dr. Klaus Mainzer
Emeritus of excellence of the Technical University Munich, Germany
President of the European Academy of Sciences and Arts

Mag. Miran Možina
SFU Ljubljana, Slovenia

Daniela Müller
Systemios Health Center Academy, Siedelsbrunn, Germany

Merlijn Olthof
Behavioural Science Institute, Radboud University, Nijmegen, NL

Prof. Franco F. Orsucci, MD, DPsych, MRCPsych
Professor at the University College London, UK and Head of the Mind Force Society, Institute for Complexity Studies, Rome, Italy

Don Robinaugh, PhD
Northeastern University and Massachusetts General Hospital, USA

Tatjana Rožič, PhD
Assist. Prof., SFU Ljubljana, ŠRCD, Slovenia

Sergio Salvatore, PhD
Professor at the Sapienza University of Rome, Italy

Prof. Dr. Günter Schiepek
Head of the Institute of Synergetics and Psychotherapy Research, Paracelsus Medical University, Salzburg
University Hospital for Psychiatry, Psychotherapy, and Psychosomatics, Paracelsus Medical University, Salzburg
Department of Psychology, Ludwig Maximilian University Munich, Germany

Dr. Helmut Schöller
Institute of Synergetics and Psychotherapy Research,
University Hospital for Psychiatry, Psychotherapy, and Psychosomatics, Paracelsus Medical University, Salzburg

Silvia Scholz
Systemios Health Center Academy, Siedelsbrunn, Germany

Dr. Alexander Schorb
University Hospital for Psychiatry, Psychotherapy, and Psychosomatics, Paracelsus Medical University, Salzburg

Dirk Schulte-Tickmann, PhD
Technical University Darmstadt and Integrative School Gießen-Ost, Germany

Christine Skarda, PhD
California, USA

Prof. Dr. Wolfgang Sperl
President of the Paracelsus Medical University, Salzburg, Austria

Guido Strunk, PhD
Complexity Research, Vienna, Austria; FH Campus Vienna, Vienna, Austria; Technical University Dortmund, Germany

Peter A. Tass, M.D., Ph.D.
Professor of Neurosurgery, Department of Neurosurgery, Stanford University School of Medicine
<http://med.stanford.edu/tass-lab> <https://profiles.stanford.edu/peter-tass>

Nuša Kovačević Tojnko, PhD
SFU Ljubljana, Pamina Maribor, Slovenia

Matej Vajda
SFU Ljubljana, Slovenia