

RESILIENCE # 2023

ABSTRACT AND
REGISTRATION
DEADLINE
JULY 31ST

9TH INTERNATIONAL
SYMPOSIUM ON
RESILIENCE
RESEARCH

NEWSLETTER

SPEAKERS INCLUDE

ERIN CALIPARI, VANDERBILT
ANNEGRET FALKNER, PRINCETON
CLAIRE GILLAN, TRINITY
QUENTIN HUYS, UNIVERSITY COLLEGE LONDON
FRANK INFURNA, ARIZONA STATE
RAFFAEL KALISCH, LIR
SARAH LOWE, YALE
ADAM MAIHOFFER, UCSD
ROBIN M. MURRAY, UCL
JENNIFER STEVENS, EMORY
CHRISTIAAN VINKERS, AMSTERDAM

27-29
SEPTEMBER
2023
MAINZ
GERMANY

UNIVERSITY MEDICAL CENTER
LANGENBECKSTRASSE 1
BUILDING 102

WWW.LIR-MAINZ.DE/RESILIENCE-SYMPOSIUM

#RESILIENCE 2023 - That was the 9th International Symposium on Resilience Research

The Resilience Symposium is an international event held annually in Mainz, Germany. Scientists and researchers from around the globe gather together to talk about latest things in resilience research.



14 Lectures
10 Short Talks
2 Poster Sessions



1 Poster Award
1 Speaker Dinner
1 Social Event



3 Days
20 Hours
1 Location



115 Attendees
14 Countries
34 Institutions

Session 1: **NAILING IT DOWN:
THE MEASUREMENT OF
RESILIENCE IN
LONGITUDINAL STUDIES**

Wednesday, Sept 27

#RESILIENCE 2023 - SCIENTIFIC PROGRAM

Frank Infurna
Arizona State
University



Importance of viewing growth mixture models with caution: How we have overestimated the human capacity for resilience after major stressors.

Sarah Lowe
Yale School of
Public Health



Looking at resilience in a socio-ecological context using models and the real world.

Raffael Kalisch
Leibniz-Institut für
Resilienzforschung



Importance of controlling individual stressor exposure because there is no resilience without stressors.

Robin M. Murray
King's College London
& EU-GEI study



Risk and resilience factors in psychosis.

Erin Calipari
Arizona State
University



Dopamine release in the nucleus accumbens signals salience to drive adaptive behavior in response to stimuli across contexts.

Annegret Falkner
Princeton Neuroscience
Institute, Princeton
University



Behavioral and dopaminergic signatures of resilience.

Quentin Huys
Applied Computational
Psychiatry Lab,
University College
London



Computational characterization of psychotherapeutic mechanisms.

Claire Gillan
Trinity College Dublin



Predicting response to internet-delivered interventions.

Jennifer Stevens
Emory University,
Atlanta Veteran's
Affairs Health Care
System & AURORA
study



Surprising tradeoffs in neural systems contributing to trauma resilience.

Roberto Mediavilla
Universidad Autónoma
de Madrid



A stepped-care program to foster resilience: Outcomes and mechanisms.

&

Papoula Petri-Romão
LIR & RESPOND project



An adaptive resilience quantification:
Flexible individualized deep dynamic
models utilizing differentiable
programming.

Göran Köber
University Medical
Center Freiburg &
DynaMORE project



Adam Maihofer

Department of
Psychiatry, University
of California at San
Diego & Psychiatric
Genomics Consortium



Genomic predictors of PTSD risk and
resilience.

Jutta Winterling

Lebniz Institute for
Resilience Research
Mainz & RESPOND
project



Individual participant data meta-
analyses of mental health and
resilience in the COVID pandemic.

Christiaan Vinkers

Department of
Psychiatry, Amsterdam
UMC



Vulnerability and resilience following
childhood trauma: Psychological,
biological and environmental
mechanisms.

#RESILIENCE 2023 - EARLY CAREER SCIENTIST SHORT TALKS



Image arrangement from left to right according to the Short Talks arrangement from top to bottom.

Session 1
Wednesday, Sept 27

Florian Krause

Radboud University Medical Center Nijmegen:
Predicting resilience from psychological and
physiological daily-life measures.

Matthias Zerban

Johannes Gutenberg University Medical
Center Mainz: Investigating resilient emotion
regulation - the role of emotion regulation
variability and emotion regulation flexibility.

Nicolas Ruffini

Lebniz Institute for Resilience Research
Mainz: Proteomic biomarkers and stress
resilience: a machine-learning approach.

Karolina Morello

Leibniz Institute for Resilience Research
Mainz: The dynamics of loneliness and
appraisal of social contacts in daily life -
what is the role of emotion regulation?

Giulia Poggi

Psychiatric Hospital, University of Zurich:
Stress during adulthood, oligodendrocyte
and myelin: where are we at?

#RESILIENCE 2023 - EARLY CAREER SCIENTIST SHORT TALKS

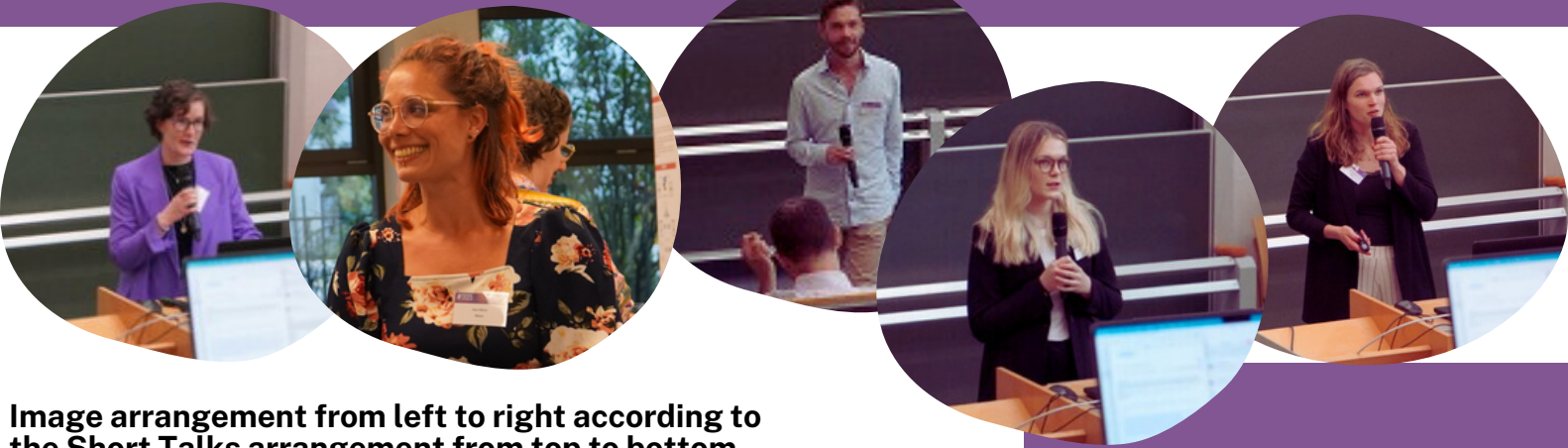


Image arrangement from left to right according to the Short Talks arrangement from top to bottom.

Session 2
Thursday, Sept 28

Gina-Isabella Henze

Charité-Universitätsmedizin Berlin: Testing the triple network hypothesis in a large-scale biopsychological sample: neural responses to psychosocial stress.

Jana Meier

Leibniz Institute for Resilience Research Mainz: Perceived control over stressors predicts responses to physical and social stress.

Connor J. McNulty

University of Colorado Boulder: Prefrontal dopamine recruits a distinct circuit during behavioral control in females.

Solveig Løkhammer

Yale School of Medicine, New Haven: A co-phenome analysis into genetic resilience and vulnerability of posttraumatic stress disorder?

Laura de Nooij

Radboud University Medical Center Nijmegen: Mathematical modeling of the cortisol stress response - leveraging the Stress-EU database to develop measures applicable across studies.

#RESILIENCE 2023 - POSTER AWARD



Sophie Bögemann

Donders Institute for Brain, Cognition and Behaviour,
Radboud University and Radboud university medical
center, Nijmegen, The Netherlands

Reward sensitivity in the lab and daily life: Associations with resilience over time

- Daily life affect is associated with resilience
- Higher positive affect, lower negative affect and lower reward sensitivity were related to better mental health outcomes
- Individuals with blunted reactivity to positive stimuli in the lab experience heightened affective reactivity to pleasant events in daily life
- Role of punishment sensitivity as prospective risk factor of mental resilience



Vanessa Teckentrup

School of Psychology and Trinity
College Institute of Neuroscience,
Trinity College Dublin, Ireland

A novel way to measure cognitive resilience passively over time

- Tested DQRT = digital questionnaire response time
- DQRT is a time-efficient and ubiquitous digital measure
- It may serve as a highly scalable and unobtrusive proxy for formal tests of processing speed
- DQRT can be used to support repeated within-person assessments of daily changes in cognition and longitudinal studies of cognitive resilience or decline

We thank all participants who presented a poster. The posters of Sophie Bögemann and Vanessa Teckentrup were particularly impressive.

#RESILIENCE 2023 - SOCIALIZING

Social Event at the Kupferbergterrasse in Mainz / Thursday, Sept 28



Socializing in short breaks / Hole Symposium



**#RESILIENCE 2023 -
THANK YOU FOR BEING THERE.
SEE YOU NEXT YEAR!**

**See you @ #Resilience2024
September 25-27, 2024
Suggestions for topics, speakers,
elements welcome
(rkalisch@uni-mainz.de)**