



SYMPOSIUM “DYSFUNCTIONAL COGNITIVE CONTROL PROCESSES IN MENTAL DISORDERS”

Collaborative Research Centre 940

Chairs

Dr Anja Kräplin and Dr Judith Schäfer

Date and time

Friday 12th of October 2018

10:00 am to 12:30 pm

Venue

<https://navigator.tu-dresden.de/etplan/bzw/00/raum/336100.0010>

Room 2E1-3 in BZW, entrance A, floor 0

Zellescher Weg 17

01069 Dresden

SFB 940

VOLITION AND
COGNITIVE CONTROL



MECHANISMS
MODULATORS
DYSFUNCTIONS

Abstract

Dysfunctions of the cognitive control network as reflected in impaired attentional and inhibitory control and maladaptive decision-making are important characteristics of mental disorders. In our symposium, we would like to provide an overview about current research on dysfunctional cognitive control processes as important factors for the aetiology and course of mental disorders, with specific focus on anxiety disorders, posttraumatic-stress disorder, and addictive disorders. We aim to address the following central open research questions: 1) how to understand, conceptualize, and assess internal and external attentional control processes to better understand their role in the aetiology and course of mental disorders (Prof Bernstein, Dr Schäfer), 2) are cognitive control dysfunctions causes or a consequence of mental disorders (Dr Schäfer, Dr Kräplin), and 3) how may mechanism-targeted interventions (e.g. trainings, neurostimulation, psychopharmacology) help us to improve cognitive control functions and clinical outcomes in mental disorders (Prof Goudriaan)?

Time schedule

Time	Speakers	Topics
10:00 – 10:05	Judith Schäfer Anja Kräplin	Welcome and introduction in the topic
10:05 – 10:40	Amit Bernstein	The nature and function of attentional (dys)regulation in suffering and mental health
10:40 – 11:00	Judith Schäfer	Peri-traumatic overt attention and posttraumatic stress etiology: Findings from a trauma analogue study
11:00 – 11:05	Short break	
11:05 – 11:25	Anja Kräplin	Value-based decision-making predicts the course of substance-related and addictive disorders
11:25 – 12:00	Anneke Goudriaan	Bridging the gap between neuroscience and clinical practice: neural mechanisms and neuromodulation in addictive disorders
12:00 – 12:25	Anneke Goudriaan Amit Bernstein	Discussion with young researchers: Opportunities and challenges of career development and networking
12:25 – 12:30	Judith Schäfer Anja Kräplin	Closing

Talks and speakers

1. The nature and function of attentional (dys)regulation in suffering and mental health

Prof Amit Bernstein

Associate Professor, Clinical Psychology Program, Department of Psychology, University of Haifa
Director, International Research Collaborative on Anxiety (IRCA)

Short CV: <http://irca-haifa-6h5e.squarespace.com/amit-bernstein/>

2. Peri-traumatic overt attention and posttraumatic stress etiology: Findings from a trauma analogue study

Dr Judith Schäfer

Doctoral researcher in the CRC 940, Chair of Behavioral Epidemiology, Faculty of Psychology, School of Science, Technische Universität Dresden

Short CV: https://psy2.psych.tu-dresden.de/i2/klinische/mitarbeiter/schaefer_eng.html

3. Value-based decision-making predicts the course of substance-related and addictive disorders

Dr Anja Kräplin

Doctoral researcher in the CRC 940, Work group Addictive Behaviors, Risk Analysis and Risk Management, Faculty of Psychology, School of Science, Technische Universität Dresden

Short CV: <https://www.sfb940.de/people/a-z/details/kraeplin.html>

4. Bridging the gap between neuroscience and clinical practice: neural mechanisms and neuromodulation in addictive disorders

Prof Dr Anneke Goudriaan

Professor of working mechanisms and treatment in addiction at the Academic Medical Centre, Department of Psychiatry, University of Amsterdam

Head of the Addiction Research group at Arkin and Jellinek Mental Health Care and group leader at the Amsterdam Institute for Addiction Research

Short CV: <https://www.amc.nl/web/research-75/person-1/prof.-dr.-a.e.-goudriaan.htm>

5. Discussion with young researchers: Opportunities and challenges of career development and networking

Prof Anneke Goudriaan and Prof Amit Bernstein