

# DR. HANNA KEREN

## PERSONAL INFORMATION

Family name, First name: **Keren, Hanna**  
Principle Investigator, Tenure Track Assistant Professor  
Lab web site: [www.Kerenlab.org](http://www.Kerenlab.org)  
English, Hebrew, Russian

## EDUCATION

2010- 2016 PhD (direct track)  
Network Biology Center / Faculty of Medicine, Faculty of Electrical Engineering /  
Technion-Israeli Institute of Technology / Israel  
PhD Supervisor: Prof. Shimon Marom  
PhD thesis title: Synchronization of Neural Networks: Dynamics and Control

2001-2005 BSc  
Biotechnology Engineering / Technion-Israeli Institute of Technology / Israel

## CURRENT POSITIONS

2022 – present Assistant Professor (Senior Lecturer rank)  
PI of the HacK Lab / Faculty of Medicine, Bar-Ilan University, Israel

2023 – present Affiliate Researcher  
The Gonda Brain Multidisciplinary Research Center, Bar-Ilan University, Israel

2023 – present Affiliate Member  
The Data Science Institute, Bar-Ilan University, Israel

2024 – present Co-Head of the Brain and Mind Center, Faculty of Medicine, Bar-Ilan University

2024 – present Committee member, Society of Neuroscience, organizing committee of the international SfN conference

## PREVIOUS POSITIONS

2016 – 2021 Postdoctoral Fellow  
National Institute of Mental Health, National Institutes of Health (NIMH/NIH), USA  
Supervisor: Prof. Argyris Stringaris

2016 Visiting Researcher (in parallel to the PhD studies)  
The institute of Highly Parallel VLSI- Systems and Neuro-Microelectronics / Faculty of  
Electrical Engineering / Technische Universität Dresden, Germany

## PRIZES

2022 CDLP award by the Anxiety and Depression Association of America

2021 Society of Biological Psychiatry Travel Award

2018 NIMH IRP Trainee Travel Award competition

2018 FENS grant award of the FENS Kavli Network of Excellence

2015 Medicine faculty excellence award for achievements during the PhD

2005 Magna cum laude award for undergraduate studies

## INVITED TALKS

2023 Department seminar, Weizmann Institute, 2023

2023 Speaker at the summer course "A Neuroscientist's Perspective on HCI", Reichman university

2022 Speaker and a panelist, The Computational Psychiatry Course (CPC++), New York

2022 Israeli Society for Biological Psychiatry, invited to be a speaker at a session

2020 Department seminar, Psychology department, Tel Aviv University

2020 Department seminar, Cognitive Sciences, The Hebrew University of Jerusalem

2020 Columbia University, Psychiatry department, Shortlisted for faculty tenure track position  
 2020 Speaker and panelist at The 1st Israeli Computational Psychiatry Conference\  
 2020 The Transcontinental Computational Psychiatry Workgroup  
 2019 Invited to speak at a symposium at rtFIN – Real time neurofeedback imaging conference  
 2019 Department seminar, Psychology department, Princeton University

## ORGANIZATION OF SCIENTIFIC SESSIONS

2023	“Computational Psychiatry annual research day”, Co-Organizer, Tel-Aviv University
2023	“Human-Machine-Interfaces: Studying the brain and behavior via real-time interactions” Accepted to ISFN Co-chaired and organized the session Speakers: Hanna Keren (Bar-Ilan University), Michal Ramot (Weizmann Institute), Oren Shriki (BGU), Amir Amedi (Reichman University), Roy Salomon (Haifa University)
2019	“Computational modelling of mood, behavior and the brain” Submitted to SfN – not accepted. Chaired and organized the session Speakers: Anna Konova (Rutgers University), Angela Langdon (Princeton), Michal Ramot (Weizmann), Hanna Keren (NIMH), Mathilde Vaghi (UCL)
2019	“Closing the loop to expose neural dynamics and pathology: from theory to real-time experimental methodologies” Accepted to SOBP Co-chaired and organized the session Speakers: Jerzy Bodurka (Laureate Institute), Stephen LaConte (Virginia Tech), Hanna Keren (NIMH), Christoph Zrenner (University Tubingen)
2018	“Exposing neural dynamics using real-time control: from neurons to human behavior and psychopathology” Accepted to SfN Chaired and organized the session Speakers: Daniel Bassett (UPenn), Daniel Takahashi (Princeton), Avner Wallach (Columbia University), Sebastian Reinartz (Sissa Trieste), Christoph Zrenner (University Tubingen), Hanna Keren (NIMH)