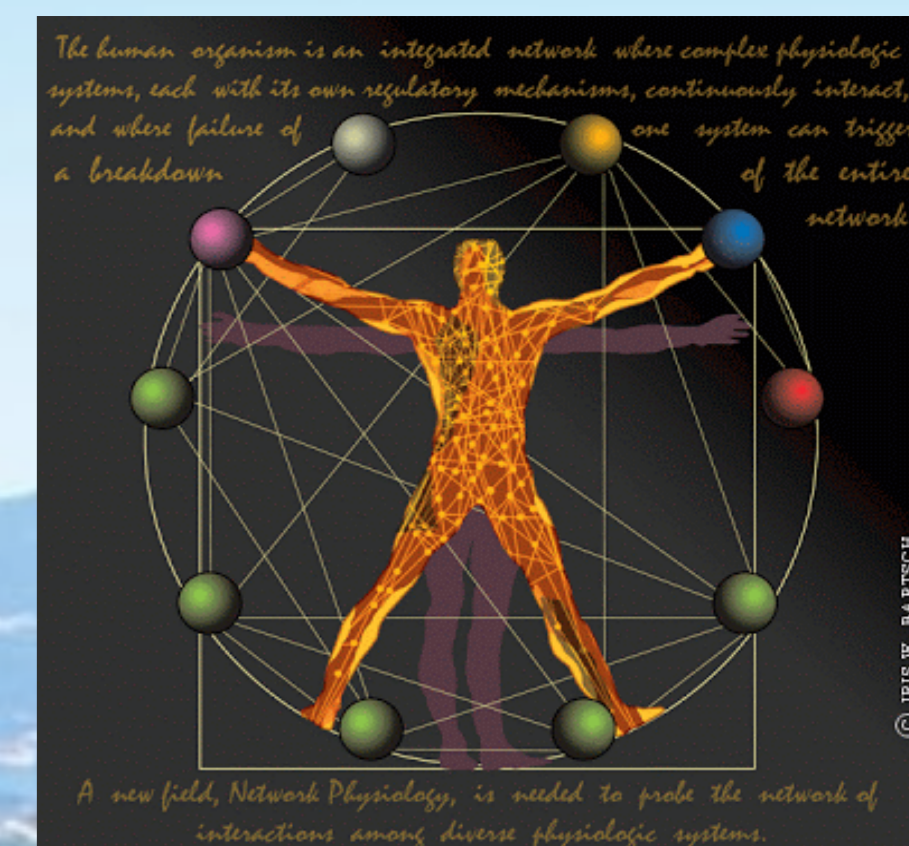




# Third International Summer Institute on Network Physiology (ISINP)

Lake Como School of Advanced Studies, 25 – 30 July 2021



website: [isinp-3.lakecomoschool.org](http://isinp-3.lakecomoschool.org)

The focus of this summer institute is to integrate empirical and theoretical knowledge across disciplines with the aim to understand in different contexts ~ from extensive data analyses and modeling approaches to clinical practice ~ how diverse physiological systems and subsystems dynamically interact to produce health and disease. This will be an interactive event with lectures ranging from physics, applied mathematics and biomedical engineering to neuroscience, physiology and clinical medicine, covering a range of physiologic systems from the cellular to the organ level, and will discuss the challenges, current frontiers and future developments in the emerging field of *Network Physiology*. The institute will address a diverse audience of graduate students, postdocs, research scientists and faculty across a broad range of disciplines and fields, and will provide opportunities for the researchers to exchange new ideas and viewpoints, forge new collaborations and train the next generation of young scientists.

## Invited Speakers

**Françoise Argoul**  
University of Bordeaux, France

**Ronny P. Bartsch**  
Bar-Ilan University, Israel

**Barbara E. Corkey**  
Boston University, USA

**Marina de Tommaso**  
University of Bari, Italy

**Luca Faes**  
University of Palermo, Italy

**Brandon Foreman**  
Division of Neurocritical Care  
University of Cincinnati, USA

**Kathryn A. Hibbert**  
Massachusetts General Hospital, USA  
Harvard Medical School, USA

**James W. Holsapple**  
Boston University, USA

**Jürgen Kurths**  
Humboldt University, Germany

**Klaus Lehnertz**  
Bonn University, Germany

**J. Randall Moorman**  
University of Virginia, USA

**Louis M. Pecora**  
Naval Research Laboratory, USA

**Arkady S. Pikovsky**  
University of Potsdam, Germany

**Michael G. Rosenblum**  
University of Potsdam, Germany

**Andrei Ruckenstein**  
Boston University, USA

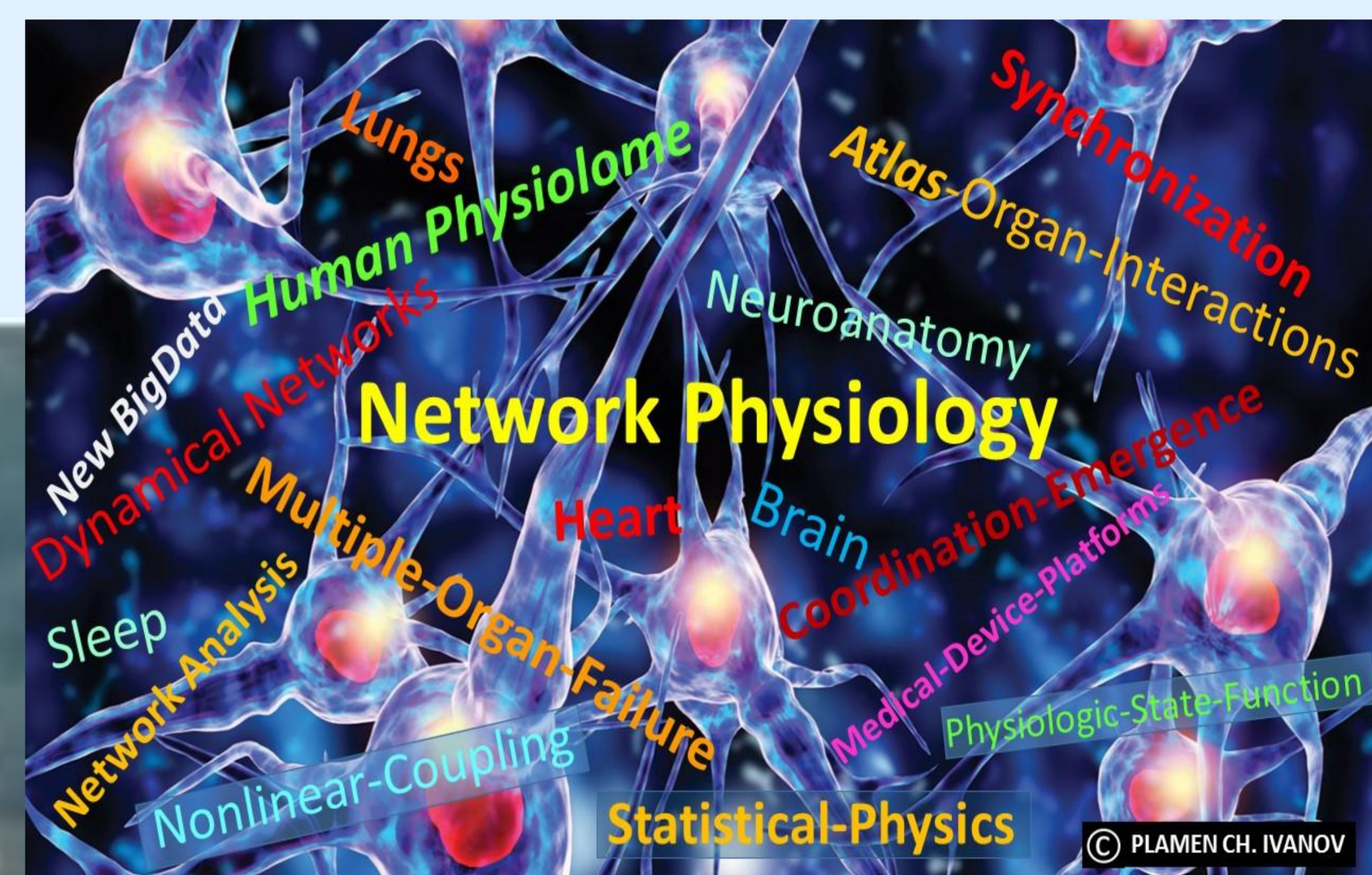
**Olga Sosnovtseva**  
University of Copenhagen, Denmark

**Sebastiano Stramaglia**  
University of Bari, Italy

**Béla Suki**  
Boston University, USA

**Robert J. Thomas**  
Beth Israel Deaconess Medical Center  
Harvard Medical School, USA

**Stefan Thurner**  
Medical University of Vienna, Austria



## Institute Organizer and Director



**Plamen Ch. Ivanov**  
Director, Keck Laboratory  
for Network Physiology  
Boston University, USA

## Contacts & Location



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