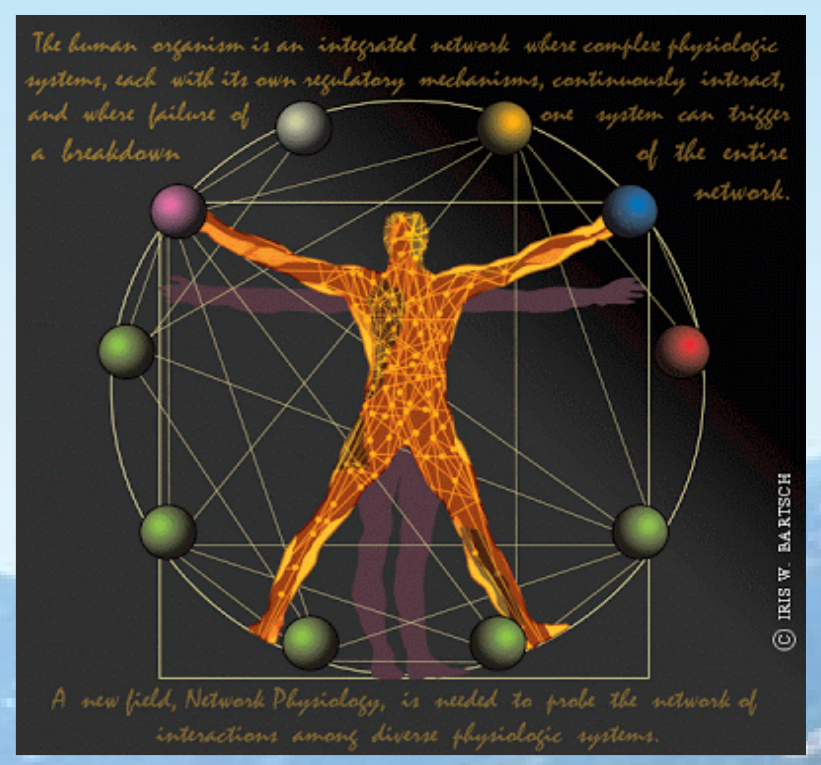




# Second International Summer Institute on Network Physiology (ISINP)



Lake Como School of Advanced Studies, 28 July – 02 August 2019

website: [isinp.github.io/isinp-2](http://isinp.github.io/isinp-2)

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

**Alain Arneodo**  
University of Bordeaux, France

**György Buzsáki**  
New York University, USA

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

**Tjeerd Boonstra**  
University of New South Wales, Australia

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

**Marina de Tommaso**  
Bari University, Italy

**Luca Faes**  
University of Palermo, Italy

**Brandon Foreman**  
University of Cincinnati, USA

**Kathryn A. Hibbert**  
Massachusetts General Hospital, USA

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

**Jürgen Kurths**  
Humboldt University, Germany

**Klaus Lehnertz**  
Bonn University, Germany

**Fabrizio Lombardi**  
Boston University, USA

**Hagen Malberg**  
Dresden University of Technology, Germany

**Daniele Marinazzo**  
University of Ghent, Belgium

**Dick Moberg**  
Moberg Research Inc, USA

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

**Ulrich Parlitz**  
Max Planck Institute for Dynamics and Self-Organization, Germany

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

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

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

**Antonio Scala**  
University of Roma "La Sapienza", Italy

**Olga Sosnovtseva**  
University of Copenhagen, Denmark

**Ruedi Stoop**  
ETH Zürich, Switzerland

**Sebastiano Stramaglia**  
University of Bari, Italy

**Béla Suki**  
Boston University, USA

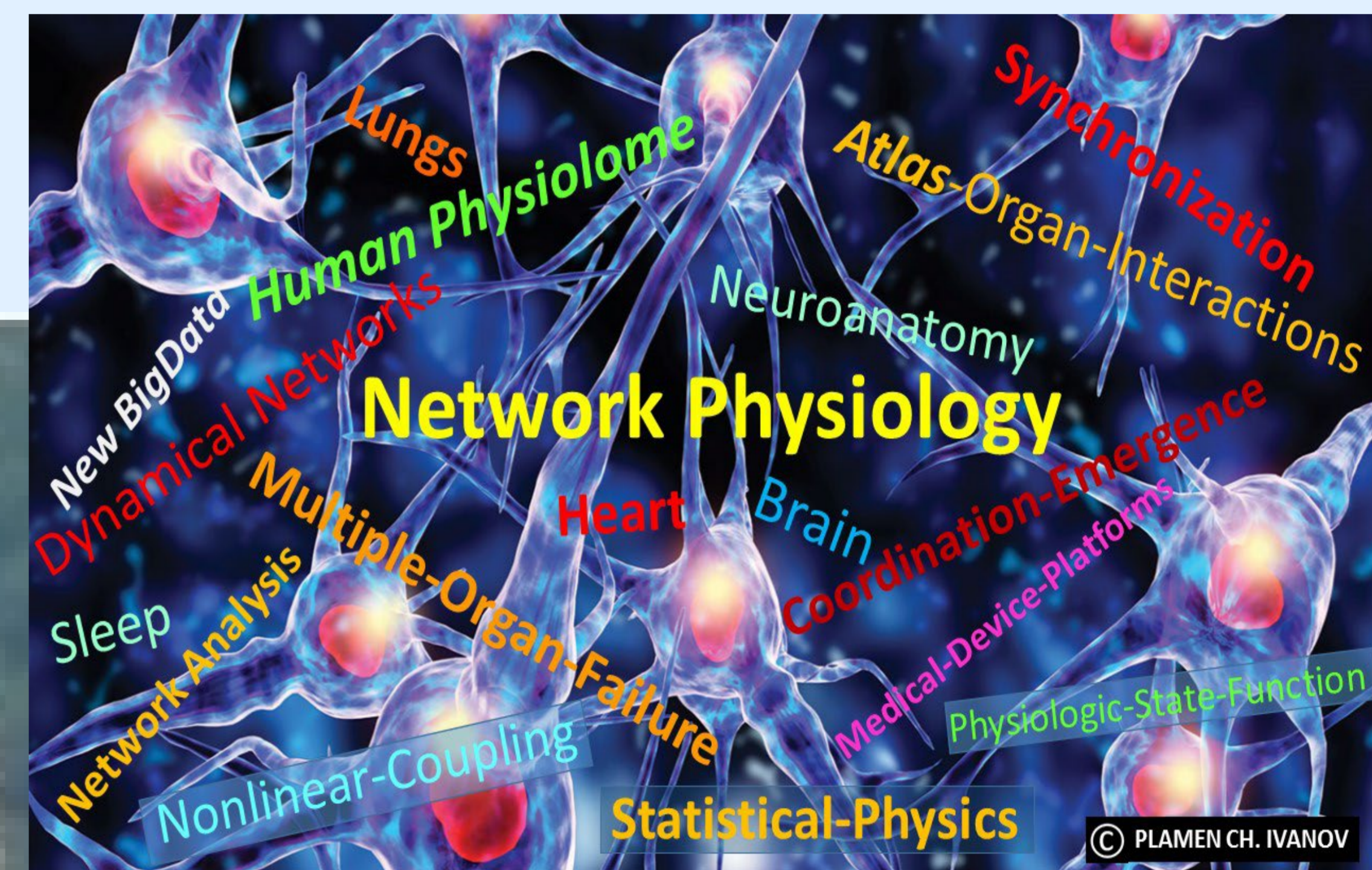
**Robert J. Thomas**  
Harvard Medical School, USA

**B. Taylor Thompson**  
Harvard Medical School, USA

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

**Andreas Voss**  
University of Applied Sciences Jena, Germany

**Xiyun Zhang**  
Boston University, USA



## Institute Organizer and Director



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

## Contacts & Location



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