

OUR GUESTS:

Lilianne R. Mujica-Parodi

Director of the Laboratory for Computational Neurodiagnostics (LCNeuro)
Professor, Dept. of Biomedical Engineering
Stony Brook University School of Medicine



LCNeuro's research focuses on the application of control systems engineering and dynamical systems to human and animal neuroimaging data (fMRI, MEG, EEG, NIRS, DREADDs Ca2+), with neurodiagnostic applications to neurological and psychiatric disorders.

Dr. Mujica-Parodi is Professor at Stony Brook University, as well as Research Scientist of Radiology at Massachusetts General Hospital and Harvard Medical School.

Helmut Strey

Associate Professor,
Dept. of Biomedical Engineering (SBU)

Helmut Strey studies the dynamics of biomacromolecules (DNA, proteins, polysaccharides) and their interaction.

He is the Director of the Laboratory for Micro- and Nanotechnologies and Associate Professor in the Biomedical Engineering Department at Stony Brook University. His lab is developing biotechnologies using micro- and nanofabrication to create novel methods to answer questions in quantitative biology and medicine.

Vyacheslav Yurchenko

Professor
of molecular biology and genetics
University of Ostrava (Czech Republic)

The main topic of Vyacheslav's research is molecular parasitology with a specific focus on parasites, causing severe human diseases in Africa and South America.

He is trying to understand what genes and proteins govern virulence and how to manipulate those genes in order to make parasites less (or not at all) harmful for humans. In addition, his group is involved in several research projects probing the extent of parasites' diversity and understanding their evolution.



Café Nova

AT STONY BROOK

www.schoolnova.org/nova/cafenova

Thursday
February 27, 2020
6 - 9 pm

If you are a High School student who considers Mathematics and/or Science as your career, you are invited to visit CaféNova at Stony Brook.

Each month you will meet with like-minded peers, undergraduate and graduate researchers from Stony Brook University, as well as postdoctoral fellows and faculty from SBU and other universities in an informal setting!

Stony Brook University

Department of Mathematics
Basement Level -S240

Café Nova Specials:

Coffee and Tea
Cookies and Pastries
Great Time
Interesting People
Engaging Discussions
Board Games

***BYOQ: Bring Your Own Questions!**

Hosted by: Marina Polonskaia, Ph.D and
Tatiana Portnaya, Ph.D.

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school nova

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THE EVENT IS FREE