

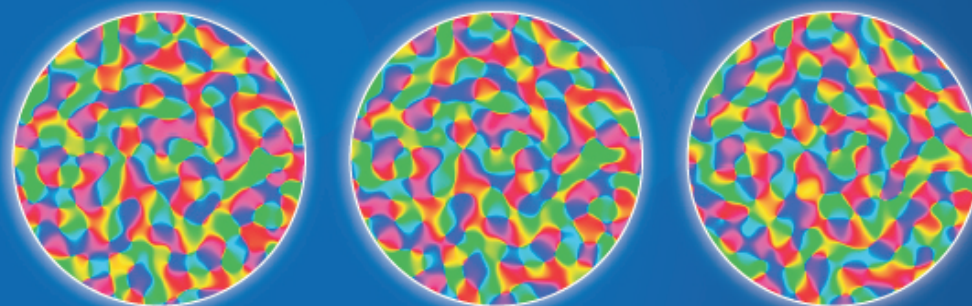


**Bernstein Centers
Göttingen**

**BERNSTEIN CENTER
FOR COMPUTATIONAL
NEUROSCIENCE**

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NEUROTECHNOLOGY**

Seminars and Colloquia in Computational Neuroscience WS 2012/ 2013



Seminar Series: *
Selected Chapters
of Biophysics
Written By Outstanding
Female Scientists

*In collaboration with
the PhD-Program
“Theoretical and
Computational
Neuroscience” (PTCN)
of the Göttingen Graduate
School for Neurosciences,
Biophysics and
Molecular Biosciences
(GGNB)*

Ludwig Prandtl
Lecture Hall
Max Planck Institute
for Dynamics and
Self-Organization

Am Fassberg 17
37077 Göttingen

(Please note exceptions!)

24.10.2012, 15:00 c.t.

* **Prof. Naama Brenner**

Department of Chemical Engineering, Technion-Israel Institute of Technology, Haifa, Israel
Universal Protein Distributions in Microorganism Populations

15.11.2012, 17:00 c.t.

Prof. Dr. Michael Thaut

Colorado State University, USA

Entrainment and the Motor System – Basic Science and Applications to Neurorehabilitation

20.11.2012, 17:00 c.t.

Jonas Peters

Seminar for Statistics, ETH Zurich, Switzerland

Causal Inference on Time Series using Structural Equation Models

11.12.2012, 17:00 c.t.

* **Dr. Claudia Clopath**

Center for Theoretical Neuroscience, Columbia University, New York, USA

Cerebellar learning - A model of vestibulo-ocular reflex adaptation

18.12.2012, 17:00 c.t.

Prof. Dr. Gabriel B. Mindlin

Laboratorio de sistemas dinámicos, Departamento de Física, FCEyN, Universidad de Buenos Aires, Buenos Aires, Argentina

Elemental motor gesture dynamics are encoded by song premotor cortical neurons in songbirds

08.01.2013, 17:00 c.t.

Guillaume Lajoie

Department of Applied Mathematics, University of Washington, Seattle, USA

Chaos and reliability in fluctuation-driven, balanced spiking networks

15.01.2013, 17:00 c.t.

Prof. Dr. Romain Brette

Département d'Etudes Cognitives, Ecole Normale Supérieure, Paris, France

Computing with neural synchrony: an ecological approach to neural computation

22.01.2013, 17:00 c.t.

Prof. Dr. Guoqiang Bi

School of Life Sciences University of Science and Technology of China, Hefei, Anhui, China

Reverberatory activity in a prototypic Hebbian cell assembly

29.01.2013, 17:00 c.t.

Prof. Dr. Menahem Segal

Department of Neurobiology, Weizmann Institute, Rehovot, Israel

Emergence of synchronized activity in small networks of cultured central neurons

05.02.2013, 17:00 c.t.

Dr. Yonatan Loewenstein

Department of Neurobiology, The Hebrew University, Jerusalem, Israel

Is there "value" in reinforcement learning?

Academic partners

Georg August University Göttingen
Organization-Max Planck Institute for Dynamics and Self
Max Planck Institute for biophysical Chemistry
Max Planck Institute for experimental Medicine
Max Planck Institute for Biophysics
Hannover Medical School
German Primate Center

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