

International Workshop on

Noise in Life 2007: Stochastic Dynamics in the Neurosciences

November 7 - 9, 2007

Scientific coordination:

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Organisation:

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The last decade has seen considerable progress in the development of stochastic models in the neuroscience. Our workshop aims at discussing problems related to the stochastic properties of single neurons and biological neural networks and thus putting forward novel approaches in quantitative neuroscience.

The workshop will bring together scientists doing theoretical and experimental work on the neuronal escape-rate problem, on the effect of temporal or spatial correlations on neural firing, on neural signal transmission through single neurons, and on network oscillations.

Invited speakers (to be confirmed):*

J. Benda (Berlin)

T. Engel (Berlin)

A. Longtin (Ottawa)

C. Mirasso (Palma de Mallorca)

N. Parga (Madrid)

A. Porporato (Durham)

J. Ritt* (Cambridge)

N. Stocks (Warwick)

A. Torcini (Firenze)

N. Brunel (Paris)

W. Gerstner (Lausanne)

E. Manjarrez (Puebla)

R. Moreno-Bote (Madrid)

A. Pikovsky (Potsdam)

L. Ricciardi* (Napoli)

M. Sanchez-Vives (Alicante)

K. Szaliszny* (Budapest)

H. Tuckwell (Leipzig)

G. Deco (Barcelona)

P. Jung (Ohio)

M. Mattia (Roma)

A. Neiman (Ohio)

G. Pipa (Frankfurt)

M. Richardson* (Warwick)

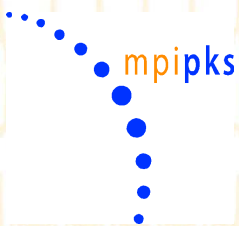
G. Schneider (Frankfurt)

P. Talkner (Augsburg)

A. E.P. Villa* (Grenoble)

Applications for participation and poster contributions are welcome and should be made by using the application form on the workshop web page (please see URL below). The number of attendees is limited. The **registration fee** for the workshop is **100 €** and should be paid by all participants. Costs for accommodation and meals will be covered by the Max Planck Institute. Limited funding is available to partially cover travel expenses. Please note that childcare is available upon request.

Deadline for registration is September 21, 2007.



For further information please contact:

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