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**PENS-Hertie Winter School  
"Structure and Function of Neural Circuits"  
Call for Student Applications**

The PENS-Hertie Winter School:

**"Structure and Function of Neural Circuits"**

invites student applications. The School will be held in Obergurgl, Austria, from

**January 11 - 18, 2009.**

**The deadline for application is September 30, 2008**

The last few years have witnessed an explosion of interest in neural circuits of the mammalian brain. This has been due not only to recent technical advances, such as two-photon microscopy and high-throughput electron microscopy, but also due to the growing realization that an understanding at the circuit level is essential if we are to link the molecular properties of synaptic and membrane proteins to behaviour. The aim of this Winter School is to educate and inspire a new generation of investigators in an informal setting by bringing them together with the leading figures in this rapidly expanding field. The invited lecturers will span the range of levels involved in the modern study of neural circuits, from quantitative neuroanatomy, through electrophysiological analysis of circuit function in brain slices, to new approaches for studying and manipulating circuit function in anaesthetized and behaving animals.

The school is intended for advanced PhD students or postdocs in neuroscience-related fields who already have a scientific record. A total of 40 students will be accepted.

Due to the generosity of the Hertie Foundation, some tuition fee waivers and travel stipends are available for students from disadvantaged countries for attending the school.

Scientific Organizers:

Bert Sakmann (Martinsried, Germany)

Michael Häusser (London, UK)

Local Organizer / Contact

Alois Saria (Innsbruck, Austria)

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For further information and application please visit:

[www.fens.org/pens/2009/schools/obergurgl/](http://www.fens.org/pens/2009/schools/obergurgl/)

Gemeinnützige

**Hertie-Stiftung** 

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