Tuesday, June 11, 2013, 4:00 pm

Venue: Auditorium of the California NanoSystems Institute (CNSI), UCLA, Building 114, 570 Westwood Plaza, Los Angeles, CA 9009

Leica Scientific Forum US – Los Angeles

Advances in Life Science

Jason Kerr

Network Imaging Group, MPI for Biological Cybernetics, Tuebingen/DE

"Imaging neuronal and behavioral activity in the freely moving animal: What are they looking at?"

4:00 pm Welcome and introduction by Shimon Weiss

In his talk Jason Kerr will present:

- Use of a head-mounted 2-photon microscope to image activity from cortical populations in the freely moving animal with single cell resolution.
- Precise tracking of the animals head and eye positions during free movement.
- How and why rodents move their eyes during free movement and the implications for cortical processing of vision.

5:15 pm Discussion & Post lecture reception

Scientific Advisory Board: Prof. Roger Tsien (UCSD), Prof. Mark Ellisman (UCSD), Prof. Shimon Weiss (UCLA), Prof. Katsushi Arisaka (UCLA), Prof. Arnold Kriegstein (UCSF), Prof. Michael Stryker (UCSF), Dr. Thomas Zapf (Leica Microsystems)

The lecture is free - please kindly register: lsf@leica-microsystems.com

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