

The 135th iCeMS SEMINAR

CeMI Seminar Series 36 Leica Scientific Forum Kyoto 6

Wed 10 April 2013
15:30-16:45

Cortical Circuits and Dendritic Spines: Imaging the Structure and Function of the Cerebral Cortex

Lecturer: **Prof Rafael Yuste**
Department of Biological Sciences
Columbia University, New York

Venue: 2nd Floor Seminar Room (#A207)
iCeMS Main Building (#70), Kyoto University

In the last two decades, the introduction of novel techniques such as calcium imaging and two-photon microscopy have enabled investigators to image for the first time structure and activity of living cortical circuits. Prof. Rafael Yuste will discuss how these techniques have provided novel insights into how the cortical circuits are organized and function, and will argue that the "impenetrable jungles" as described by Cajal could paradoxically end up being quite simple.

After the talk, an informal meet-the-speaker reception will take place at the Lounge, next to the seminar hall. Please join us for more personal discussions.

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Hosted by: Leica Scientific Forum Kyoto
iCeMS (Institute for Integrated Cell-Material Sciences), Kyoto University

Co-hosted by: Center for Frontier Medicine, Global COE Program, Kyoto University

