SUMMER SCHOOL

NEURONAL DYNAMICS FOR COGNITIVE ROBOTICS
AUGUST 26-30, 2019

Neuronal dynamics provide a powerful theoretical language for the design and modelling of embodied and situated cognitive systems. The school is aimed at advanced undergraduate or graduate students, postdocs, and faculty members in embodied cognition, cognitive science, and robotics.

SCOPE
This summer school gives a hands-on introduction to neuronal dynamics ideas and will enable participants to become productive within this framework.

Participants will develop and implement small experimental projects on their own to establish a link to their research interest.

TOPICS
Neural attractor dynamics, dynamic field theory, neuronal representations, navigation behavior, artificial perception, learning mechanisms, implementation issues

APPLICATION
To apply, please send a CV and a short cover letter with background and motivation to mathis.richter@ini.rub.de.

Selection of participants will begin by May 15, 2019.

dynamicfieldtheory.org