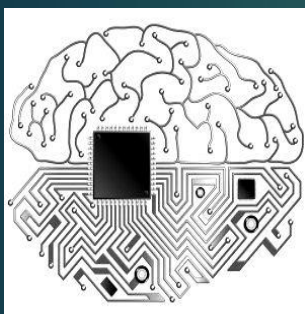




# Symposium on NEUROMORPHIC COGNITIVE COMPUTING

Oct 4, 2017 (Wednesday)

Venue: ECE Golden Jubilee Hall, IISc



Our brain perceives and makes sense of the complex and ever-changing world around us. What neural processes and computations underlie this remarkable ability? The speakers will address this question from computational and experimental perspectives, and show how this understanding can be applied to build electronic signal processing systems that vastly outperform conventional systems.

## PROGRAMME

09:30 – 10:15	<b>Prof. Shihab Shamma</b> , University of Maryland “Neural networks and the representation of categories in the brain”
10:15 – 11:00	<b>Prof. André van Schaik</b> , Western Sydney University “Neuromorphic event-based image processing”
11:00 – 11:30	Coffee Break
11:30 – 12:15	<b>Prof. Ralph Etienne-Cummings</b> , The Johns Hopkins University “I, Robot: Blurring the lines between mind, body and robotics”
12:15 – 13:00	<b>Dr. Raghavendra Singh</b> , IBM India “Cognition and computation”
13:00 – 14:00	Lunch Break
14:00 – 14:30	<b>Prof. Sridharan Devarajan</b> , Indian Institute of Science “Neuromorphic models of brain oscillations”
14:30 – 15:00	<b>Prof. S P Arun</b> , Indian Institute of Science “Cracking the code for visual objects”
15:00 – 16:00	Demo and Posters

Register at: <https://goo.gl/forms/qMahNyJCHV5YMnFI3> before Sep 30, 2017

### Organizers:

Indian Institute of Science  
Pratiksha Trust, Bangalore

### Organizing Committee:

Dr. Chetan Singh Thakur; Dr. Sridhar Devarajan;  
Dr. Sriram Ganapathy