

IIT-Gn organises int'l conference at their campus from December 5 to 7 | Experts discuss analysis of cognition process such as planning & decision

CONFERENCE TO SYNC neuroscience with computation



Pics: Aakash shah.dna

Megha Parikh and Aakash Shah

The Third International Conference on cognition, brain and computation is being held by the Centre for Cognitive Science, IIT Gandhinagar at their Campus from December 5 to 7. The objective of the conference is to bring forward the interdisciplinary dialogue between neuroscience and computational approaches in study of cognition. Several speakers, researchers and other stakeholders were part of

the conference. Nitish Thakor of Singapore institution of Neuro-

technology discussed the methods of analysis of cognitive processes such as diagnosis, decision-making and planning. He enlightened the audience on how brain function can be mapped and estimated by using functional MRI and other electro-physiological methods. He especially talked about the whole interpretation of brain activity. Noted neuroscience researcher Dr Britt Anderson talked about his research on disadvantages of causal theory of attention.

He said we do not know as much about attention as we should.

TOPICS AT THE CONFERENCE

- Cognitive engineering
- Casual theory of attention
- Brain visual system
- Biliterate reading in brain
- Interference between motor memories
- Structure of multisensory perception
- Computational social neuroscience
- Inhibitory mechanism

POSTER DISPLAY

There is poster section outside the conference hall. Everyday there are thirty five different posters displayed by students and researchers from all over the globe about their research

SPEAKERS

Nandini Singh of National Brain Research Centre talked on, 'The biliterate reading brain in childhood and adulthood'

Pratik Mutha of IIT-G talked about 'Interference between motor memories'

Georgios Christopoulos of Nanyang Technological University of Singapore, talked about 'Computational social neuroscience'



"In India Cognitive and Neuroscience are yet to find popularity as subjects. These kind of conference help to create awareness about the subjects."

SP ARUN, faculty IIS



"Every brain is different and it is always good to be in touch with such people who are doing research in neuroscience"

DR BRITT ANDERSON
University of Waterloo Canada