

## **Day 1: 3rd March, 2014 (Monday)**

08:00 - 09:00 **Registration**

09:15 - 09:45 **Inauguration**

### **PLENARY TALK**

10:00 - 10:40 Towards a cognitive neuroscience of individual differences: Genes, brain, and behavior,  
**Chandan Vaidya**

### **Session I: Functional Neuroimaging (10:40 – 11:40)**

10:40 - 11:00 Neural Loss aversion differences in Healthy and Depression individuals: A functional MRI Investigation, P.G. Rajesh, C Kesavadas,  
**V. S. Chandrasekhar Pammi**, P. R. Mary, S Seema, Ashalatha Radhakrishnan and Ranganatha Sitaram.

11:00 - 11:20 Structural and Functional networks underlying auditory processing in children with autism,  
**Megha Sharda** and Nandini C Singh

11:20 - 11:40 Effect of COMT, 5-HT2A and 5-HTTLPR polymorphisms on brain morphometry in schizophrenia and healthy subjects,  
**Anupa A.V**, John P John, Harsha N Halahalli, Bhavani Shankara Bagepally, Pradip Paul, Priyadarshini T, Nagaraj S. Moily, Meera Purushottam, Sanjeev Jain and Vikram Arunachalam

**11:40 - 12:00 COFFEE BREAK**

### **PLENARY TALK**

**12:00 - 12:40** Three key factors in human cognitive evolution,  
**Jordan Zlatev**

**12:40 - 13:30 LUNCH**

### **POSTER SESSION I: (13:30- 15:00 )**

### **Session 2: Language and Cognition (15:00 – 16:50)**

15:00 - 15:20 Similarities and Differences in Thai and Telugu Motion Event Descriptions,  
Jordan Zlatev, Viswanatha Naidu, **Vasanta Duggirala**.

15:20 - 15:40 Aspects of the Hindi Compound Verb,  
**Samiksha Bajpai** and Rajesh Kasturirangan.

15:40 - 16:00 Cognition and semantic language perception in early blind and late blind subjects,  
**Ankeeta Sharma**, S. Senthil Kumaran, Vaishna Narang and Rohit Saxena.

16:00 - 16:20            Semiotics, names and the titular projection,  
**Probal Dasgupta.**

16.20 – 16.40            **COFFEE BREAK**

**Session 3: Reading or Language Processing (16:40- 17:50)**

16:40 - 17:10            The relationship between auditory rhythm processing and language and literacy skills in  
the early-adolescent brain,  
**Manon Grube**

17:10 - 17:30            Group differences for Rotation Related Negativity (RRN) while Reading,  
**Gunjan Khera** and Thomas Lachmann

17:30 - 17:50            Perceptual Span of Readers of Hindi in Devanagari,  
**Maranatha Wahlang**, Kiran Kishore, Gautam Sengupta.

**Day 2: 4th March, 2014 (Tuesday)**

**Session 4: Motor Learning (9:30 – 10:40)**

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| 9:30 - 10:00  | What is the role of the motor system during action understanding?<br><b>Angelika Lignau</b>  |
| 10:00 - 10:20 | Motor Adaptation Deficits in Ideomotor Apraxia,<br><b>Pratik Mutha</b> , Lee Stapp, Robert Sainburg and Kathleen Haaland.                            |
| 10:20 - 10:40 | A dedicated common network underlies the initiation of eye and hand effectors during a coordinated movement,<br><b>Atul Gopal</b> and Aditya Murthy. |

**PLENARY TALK**

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| <b>10:40 - 11:20</b> | Cognitive Sciences: A Military Psychology Perspective,<br><b>Manas Mandal</b> |
| 11:20 - 11:40        | <b>COFFEE BREAK</b>   |

**Session 5: Visual Processing (11.40 - 12:40)**

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| 11:40 - 12:00        | The influence of spatial cueing on serial order visual memory,<br><b>Rakesh Sengupta</b> , Prajit Basu, David Melcher and Bapiraju Surampudi |
| 12:00 - 12:20        | Conscious Recognition of Neuro-Feedback,<br><b>Nishant Seth</b> , Anirudh Wodeyar and Rajesh Kasturirangan.                                  |
| 12:20 - 12:40        | Dynamical control of Hierarchical Stimuli,<br><b>Devpriya Kumar</b> and Narayanan Srinivasan   |
| <b>12.40 - 13.30</b> | <b>LUNCH</b>   |

**POSTER SESSION II: (13:30 – 15:00)**

**PLENARY TALK**

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| <b>15:00 – 15:40</b> | Distinguishing conceptual from motor decisions,<br><b>Jens Schwarzbach</b> |
| <b>15.40 – 16:00</b> | <b>COFFEE BREAK</b>  |

**Session 6: Computational Modelling (16:00 - 17:50)**

16:00 - 16:30	The single neuron and prediction errors, <b>Biswa Sengupta</b>
16:30 - 16:50	A computational model of dopamine-serotonin modulation in Basal Ganglia: Towards understanding the cognitive deficits in Parkinson's Disease patients, <b>Pragathi Priyadharsini Balasubramani</b> , Srinivasa Chakravarthy V, Ravindran Balaraman, Ahmed Moustafa.
16.50 – 17.10	Role of STN-GPe in decision making- a 2D spiking neural network model, <b>Alekhyia Mandali</b> , Srinivasa Chakravarthy
17:10 - 17:30	Modeling Choices at the Individual Level in Decisions from Information Search, <b>Neha Sharma</b> and Varun Dutt.
17:30 - 17:50	Social influence on evolution of cooperation, <b>Balaraju Battu</b> , V. S. Chandrasekhar Pammi and Narayanan Srinivasan
<b>17.50 – 18.30</b>	<b>ACS GENERAL BODY MEETING</b>

**Day 3: 5th March, 2014 (Wednesday)**

**Session 7: Emotion Processing (9:00 -10:30)**

- 09:00 - 09:30    Global-local processing is influenced by irrelevant emotional processing: An ERP study using an odd ball paradigm,  
**Narayanan Srinivasan** and Shashikanta Tarai.
- 09:30 - 09:50    The perception of emotion in Eastern music - A study on North Indian Classical Ragas,  
**Avantika Mathur** and Nandini C. Singh.
- 09:50 - 10:10    Scope of Attention Modulates Outcome Processing in Decision Making under Risk: An ERP Investigation on Medial Frontal Negativity,  
**Debarati Bandyopadhyay**, Narayanan Srinivasan and V. S. Chandrasekhar Pammi.
- 10:10 - 10:30    ERP correlates of task relevant affective conflict monitoring and adaptation,  
**Bhoomika Kar**, Narayanan Srinivasan, and Richa Nigam.
- 10:30 - 11:00    COFFEE BREAK**

**Session 8: Multilingualism (11:00- 12:20)**

- 11:00 - 11:20    Effect of Proficiency on the proactive control mechanisms among Hindi-English bilinguals ,  
**Jay Prakash Singh** and Bhoomika R. Kar.
- 11.20 - 11.40    Effect of Language Proficiency on the Processing Cost associated with Language Switching,  
**Khushboo A. K. Mishra**, Hari S. Asthana, Indramani L. Singh.
- 11:40 - 12:00    Neural correlates of language proficiency in trilinguals- an fMRI study,  
**Keerthi Ramanujan**, Shweta Soni and Nandini Chatterjee Singh
- 12:00 - 12:20    Body parts and Early-learned Verbs in 4-year-old Telugu speakers: A cross-linguistic comparison in association,  
**Madhavi Latha Maganti**, Joshita Maouene and Bapi Raju Surampudi.
- 12:20 - 12:40    Performance Monitoring and Response Inhibition in a Saccadic Countermanding Task in High and Low proficient bilinguals,  
**Niharika Singh** and Ramesh Mishra.
- 12.40 - 13.30    LUNCH**

### **Session 9: Social Cognition (13:30 – 14.50)**

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| 13:30 - 13:50 | Cognition and Culture: Testing semantic memories in Indian patients,<br><b>Gowri Iyer</b> , Shailaja Mekala, Divya Raj, Swati Karamchedu, Arun Pullela, Suvarna Alladi and Subhash Kaul.                                    |
| 13:50 - 14:10 | Right hemispheric activity in the Iowa Gambling Task: Hyposensitivity to rewards, hypersensitivity to punishment, or regulatory control?<br><b>Varsha Singh</b> .   |
| 14:10 - 14:30 | ‘Left eye - right brain’: Exploring the impact of social isolation on personality traits and lateralized utilisation of the brain in an air-breathing freshwater fish, climbing perch,<br><b>V Binoy</b> and Anindya Sinha. |
| 14:30 - 14:50 | The effect of i-extract treatment on activity regulated gene (Arg3.1) expression and behavioural consequences in scopolamine-induced amnesic mice,<br><b>Akash Gautam</b> , Renu Wadhwa and Mahendra Thakur                 |

### **PLENARY TALK**

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| <b>14:50 - 15:30</b> | Language, Culture and Cognitive Disorders,_<br><b>Suvarna Alladi</b> |
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| 15:30 - 15:45 | <b>CLOSING REMARKS</b> |
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