

09:00 - 09:30 Inaugural Session

09:30 - 10:30 Keynote 1

Chair: Narayanan Srinivasan

Chandan J Vaidya: Adaptive Functioning in Neurodevelopmental Disorders: Role of Executive Function and Learning

10:30 - 11:00 Tea Break

11:00 - 12:30 Oral Session 1: Executive Control

Chair: Srikanth Padmala

Aswini Madhira (University of Hyderabad) - Reactive, Not Proactive Suppression: Eye-Tracking Evidence for Attentional Control Strategy during Visual Search

Noel Tomy (CBCS) - Quasi-Periodic BOLD Patterns as Person-Specific Predictors of Sustained Attention Fluctuations

Adrija Chatterjee (IIT Kanpur) - Disentangling the Ego- versus Allo-centric navigation switching performance, and relating to Cortical Energy resource in Mild Cognitively Impaired Patients

Amora Tawar (University of Hyderabad) - Partner's L2 proficiency modulates Executive Control in a Joint Task

12:30 - 13:30 Lunch

13:30 - 15:00 Oral Session 2: Language Processing

Chair: Samar Hussain

Pallab Basu (IIT Delhi) - Syntactic Expectations in Bengali: Probing Filler-Gap Dependencies Using BERT

Gauri Gunjyal (IIT Gandhinagar) - Processing of Emotional Expressions in Hindi L1 and English L2 Bilinguals

Madhaviatha Maganti (Krea University) - Body Parts and Early-Learned Verbs: Lexico-Semantic Networks in the Telugu and Hindi contexts

Prabhjapan Kaur (IIT Ropar) - Processing of gender-neutral forenames in Punjabi

15:00 - 15:15 Tea Break

15:15 - 16:15 Keynote 2

Chair: Bapi Raju

Bharat Biswal: Toward Brain Connectomics: Examining Brain Connectivity During Rest and Movie Watching

16:15 - 18:00 Poster Session 1

18:00 - 19:00 GB Meeting

Poster Session 1

Age-related Differences in Loss Aversion: A Meta-analysis	Mehak Gupta (IIT Delhi)
Modulation of reward prediction errors by negative emotion	Lipika Taneja (IISc Bangalore)
Effect of ASMR & Non-ASMR brand advertisements in neuromarketing: A psychophysiological approach using Facial Expressions and GSR	Arkash Jariyal (National Forensic Sciences University)
Affective cognitive crosstalk in dual-tasking and the domain specific limits of motivational control	Prankur Saxena (Indian Institute of Science)
The Spillover Effect of Emotional Words and Context on Sentence Processing: A Self-Paced Reading Study	Aarushi Srivastava (IIT Bhubaneswar)
Does bimanual haptic exploration reveal information for length and weight judgment?	Balagopal Raveendranath (Texas Tech University)
Exogenous covert attention does not influence gradedness of visual awareness	Suraj Kumar (IIT Kanpur)
Gray Matter changes in Alzheimer's progression: A Machine Learning Classification Using Cortical Surface-Based Measures	Suhail Dar (KREA University)
Exploring Visual Working Memory Limits: Trends in Eccentricity and Set Size Effects	Parvathi Vijayan (KREA University)
Impact of motor learning on functional mobility after stroke	Chetna Sharma (IIT Gandhinagar)
Seeing yourself in Others: Attentional Prioritization accompanies Enfacement Illusion	Ananya Singh (IIT Kanpur)
How far as AI come in mimicking human Theory of Mind?	Bhoomika Kalghatgi (Ramaiyah University of Applied Sciences)
Effects of Gradual Perceptual Load on Visual Attention: Role of Individual Cognitive Traits.	Bhumika M (Christ University)
Impact of White Matter Hyperintensity in Caudate and Frontal Horn Distance mediated by Lateral Ventricle Enlargement	Rittika Dutta (IISER Berhampur)
Effects of Vipassana meditation on compassion	R Pooja (IIIT Hyderabad)
Emotionally Valenced Facial Cues Modulate Visual Sensory Evidence Accumulation in the Human Brain	Naviya Lall (Indraprastha Institute of Information Technology)
Faces of Joy: An Unbroken Link in Alzheimer's: A Comparative Study of Facial Emotion Processing in Alzheimer's, MCI & Healthy Aging	Rajesh PG (SCTIMST)
Outcome of CST in Rehabilitating an Elder with Mixed Dementia in an In-Patient Care Unit: A Case Study	Varshinee Krishnan (The Dementia Care Foundation)
Performance Instability and Internal Bias in Perceptual Choice: A Nonlinear Dynamics Approach	Srajal Bajpai (IIT ISM Dhanbad)

Poster Session 1

The Effect of Vibroacoustic Stimulation and Music Listening on Relaxation in Healthy Adults	Nandhini Natarajan (University of Jyväskylä)
Same-same, but different: Perceptual diversity is shaped by a shared phenomenal structure	Ishan Singhal (University of Sussex)
Happy Faces Ebbs Down the Response Inhibition Capacity in Externalizing Disorders	Payal Sipani (IIT Bombay)
On the interplay of object case marking, object animacy and verb type during the comprehension of transitive sentences in Malayalam: ERP evidence from Differential object marking violations.	Shalu S (IIT Ropar)
Multimodal Neural Signal Analysis for Brain-Computer Interface Development Using EEG and fNIRS	Ruchi Singh (IIT Gandhinagar)
Association of Excessive Daytime Sleepiness with Memory Decline in Older Adults: Insights from Mayo Clinic Study of Aging	Teesha Saluja (IIT Gandhinagar)
Rule-Based and Integrative Strategies in Vibrotactile Categorization	Leslee Lazar (IIT Gandhinagar)
Localizing Memory Errors Around a Salient Stimulus	Aavya Kedia (KREA University)
The Impact of Post-Stroke Cognitive Impairment on Intraindividual Variability in Processing Speed	Chinmoyee Das (IIT Gandhinagar)
Temporal Distortions Associated with Object Affordance in Peri-Hand Space	Ankit Maurya (IIT Roorkee)
Pre and post temporal context effects on temporal integration windows	Ramya Mudumba (IIT Kanpur)

09:00 - 10:00	Keynote 3 M Rosario Rueda: Developing the Attentive Brain: Early foundations of Executive Attention Development <i>Chair: Nandini Chatterjee Singh</i>
10:00 - 10:45	Oral Session 3: Cognitive Development <i>Chair: Rashmi Gupta</i> Tripti Verma (CBCS) - Feedback and Reward Facilitate Shifts Between Cognitive Control Modes in Children Kundal Kohli (CBCS) - Investigating the relationship between Meta-control and Creative Thinking in Children
10:45 - 11:15	Tea Break
11:15 - 12:45	Oral Session 4: Inhibition <i>Chair: Devpriya Kumar</i> Lalchhandama Lalchhandama (IIT Delhi) - Stop or not: Do we have conscious access to the decision to stop? Indrajeet Indrajeet (Edmond and Lily Safra Center for Brain Sciences) - Automatic Pause and Deliberate Stop mechanisms in the Basal Ganglia Chahak Sanduja (IIT Kanpur) - A Pause is sufficient for Stopping: Evidence from Computational Modelling of stop/continue Signal task Ishita Singh (IIIT Delhi) - Emotional Facial Cues modulate Visual Distractor Suppression
12:45 - 13:45	Lunch
13:45 - 14:45	Oral Session 5: Memory <i>Chair: Shiv Kumar Sharma</i> Dipti Singh (IIT Roorkee) - Investigating the direct effects of Directed Forgetting on Emotional Associations Sujatha Ramesh (IIM Indore) - Traditional vs. AI Cognitive Offloading: A Pilot Study of the Effects on Text Comprehension and Retention Raju Pooja (IIIT Hyderabad) - Role of Familiarity on Event Transitions and Temporal Structure of Memory
14:45 - 15:00	Tea Break
15:00 - 16:15	Panel Discussion on Gaming and Cognition Nandini Chatterjee Singh, Parisha Jain, Chelsea Dean
16:15 - 18:00	Poster Session 2
19:30 onwards	Conference Dinner Hotel Yatrik Lawns

Poster Session 2

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A Semantically-Grounded Attention-to-Thoughts (A2T) Model with Variable Scope of Attention	Pratyush Arya (IIT Kanpur)
Implicitness of the Contextual Cueing Effect Differentially Affected by Feature-type	Ananya Mishra (IIT-Roorkee)
Assessing lexical semantic skills of Hindi-speaking children using componential analysis: A preliminary study	Brajesh Priyadarshi (AIISH)
Error Desensitization as a Source for Attenuated Relearning in Visuomotor Adaptation	Ajay Kumar Sahu (IIT Gandhinagar)
Patients with epilepsy have increased spontaneous mind wandering and poorer response inhibition during mind-wandering	Neha Priya Shrivastava (AIIMS New Delhi)
Error Size Determines the Engagement of Distinct Learning Strategies in Task-Error-Driven Motor Learning	Sinchana Vaasanthi (IIT Gandhinagar)
The Role of Design Aesthetic, Design Source, and Product Category in Shaping Consumer Preferences and Brand Loyalty	Adrija Kundu (National Forensic Sciences University)
Separating out Distractor Suppression from Attentional Guidance using Predictability of Feature and Location	Hannah Jaison (IIT Gandhinagar)
Investigating Subtype-Specific Neuroplastic Changes through White Matter tractography in Parkinson's Disease	Poulami Kar (CBCS)
The effect of statistical learning-induced predictions on memory performance	Simra Abbas (CBCS)
Effect of Retention Interval on Mnemonic Processing in the Mnemonic Similarity Task	Atharva Gogate (IIIT Hyderabad)
Impact of Vedic chanting on working memory: A VBM study	Shashwat Mani (CBCS)
Long-term meditators have lower mind-wandering and improved response inhibition	Menka Singh (IIT Delhi)
Mind-Wandering Impairs Response Inhibition: Behavioral and Neurophysiological Evidence	Anukrati Rana (IIT Delhi)
Modelling Inhibitory Control using Stop-Signal Task in the Cortico-Basal Ganglia Thalamocortical Loop using CBGTPy Framework	Nabhojyoti Chattopadhyay (CBCS)
Music Embodiment and Emotion Experience	Aratrika Patnaik (IIT Gandhinagar)
Threshold detection for positive and negative affective facial expressions in children: Evidence based on the Child Faces database	Shailendra Patel (CBCS)
Human-in-the-loop synthesis of behaviorally salient "super-distractors"	Abhimanyu Ray (IISc Bangalore)
An Investigation of EAL Among Malayalam-Speaking Children With Dyslexia Using a Semantic Priming Task	Minnu Elizabeth Giby (NFSU Gandhinagar)
The Influence Of Subliminal Priming On Moral Decision-Making: A Comparative Analysis Of Individual And Dyadic Judgments	Adrija Haldar (CBCS)

Poster Session 2

Mild Cognitive Impairment and Dementia: Comparative Analysis of Perceived Stress, Purpose of Life, Perceived Health, and Sleep Variables with Mediation and Moderation Findings	Chaithanya C (Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum)
Pilot Observation from Randomized Controlled study on Cognitive Interventions in Early Dementia.	Parvathy PK (Sree Chitra Tirunal Institute for Medical Sciences & Technology)
Effects of Theory of Mind like abilities in Conversational AI on mind perception by humans	Satej Jagatap (CBCS)
Investigating the latent cognitive variables that facilitate the relationship between suggestibility and placebo responding within the predictive processing framework	Utkarsh Mishra (IIT Delhi)
Stimulus frequency influences visual filling in differently according to frequency: a comparative study linking visual field and visual binding	Anand Prasad (IIT Kanpur)
Beyond Statistical Learning: Attentional Engagement Shapes Distractor Suppression	Aswini Madhira (University of Hyderabad)
How do we stop? An Investigation of Global and Selective Response Inhibition Mechanisms	Rashmi Ijari (IIT Delhi)
Relationship of Age, Cognition, and Brain Structural Volume in Healthy Adults	Kunal Angadi (IIIT Hyderabad)

09:00 - 10:00	Keynote 4 Samar Hussain: Towards a Typology of Language Processing	<i>Chair: Ramesh Mishra</i>
10:00 - 11:30	Oral Session 6: Language and Cognition Gaurja Aeron (IIT Gandhinagar) - Number-Feature and Noun Representation Distortion in Hindi Sentences Pranab Bagartti (IIT Delhi) - Length and Modality impacts Subject drop: A Corpus study in Hindi Nayana Raj (IIT Delhi) - The Temporal Dynamics of Visual Word Recognition: Morphological Priming in a Morphologically Rich Language Sandeep Kour (Central University of Punjab) - Age and Structural Differences in Multilinguals: Effects on Attention and Cognitive Flexibility	<i>Chair: Ark Verma</i>
11:30 - 12:00	Tea Break	
12:00 - 13:00	Oral Session 7: Motor Memory Manvi Joiya (IIT Gandhinagar) - Mechanisms Underlying Savings in Visuomotor Adaptation Navya Bajpai (IIIT Hyderabad) - Temporal Dynamics of Sequence Learning: How Response-Stimulus Interval Shapes Chunking and the Implicit-Explicit Transition Naman Payasi (IIT Delhi) - Eyes do not lie: Testing whether Eye-tracking can be used to detect Mind-Wandering and Mind-Blanking	<i>Chair: Krishna Prasad Miyapuram</i>
13:00 - 14:00	Lunch	
14:00 - 15:00	Oral Session 8: Music, Motivation, and Cognition Arijit Bhattacharya (Ashoka University) - Music, Mood, and Mind: Functional Modeling of Structure-, State- and Trait-Based Modulation of Emotion Aditi Jha (IIT Gandhinagar) - Neural Coding of Auditory Features during Music Perception and Imagery Harish Sinai Velingkar (AITD) - Understanding Consumer Attention: An EEG Study on Visual Appeal and Taste of food	<i>Chair: Jay Prakash Singh</i>
15:00 - 16:30	Poster Session 3	
16:30 - 17:15	Industry Talk Parag Amodkar & Spandan Raha, Tiden Technologies	
17:15 - 18:00	Valedictory	

Poster Session 3

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Attention Capture in Serial Search: Measuring Capture by a Target Singleton	Diya Joseph (IIT Gandhinagar)
Validation of Game-Based Intervention for Prosocial Skills	Shradha Bagade (CBCS)
Decoding Genetic and Environmental Influences on Brain Areas through Multilayer Connectomics	Soibam Shyamchand Singh (Ashoka University)
Modulation of the speed of Intrinsic Alpha Frequency (IAF) with tACS modulates variability of illusory speech perception	Shreya Deb (IIT Jodhpur)
Lateralized Eye Use in Shoal Size Preference in Adult Zebrafish	Krutika Srivastava (Ashoka University)
Cognitive Adaptation And Trust Calibration In Human-Ai Collaborative Design Environments	Ashok Shetty (IIT Delhi)
Virtual Reality Intervention for Enhancing Emotional and Cognitive Functioning in Young Adults Indulging in Violent Games	Kanchi Jain (Christ-Deemed to Be University)
Investigating sensorimotor beta burst dynamics as a robust biomarker for graded force modulation in humans	Md Shaheen Perwez (IIT Jodhpur)
Construction and Standardization of a Reversal learning task for assessing Cognitive Flexibility	Abhishek Gupta (CBCS)
Embodied Cognition in Action: Foot Pressure Influences Fronto-Central and Temporal EEG Oscillations	Bharti Mishra (NIT Raipur)
The Modulation of Emotional Relevance on Proactive Cognitive Control	Sanket Pawar (CBCS)
Effects of Mindfulness Training on Negative Self-talk and Metacognition in Young Adults	Shradha Maudgil (Christ University Bangalore)
Impact of Workplace Stress and Sleep Deprivation on Decision-Making: A Study Among Banking Professionals	Sneha Paul (Christ University)
Oddball Paradigm Investigation of Emotion-Math Interaction in the Brain	Silpa S (NIT Raipur)
Effects of Ketamine and Citalopram on Zebrafish (Danio rerio) Cognitive Judgment Bias: A Commentary on the Traditional versus Novel.	Snigdhaa Rajvanshi (Ashoka University)
Age-associated slowing down of speed of transitions during naturalistic movie watching	Swatantra Dhara (IIT Jodhpur)
The Influence of Perspective Shifts on Emotional Autobiographical Memory: A Thematic Analysis Approach	Pinky Arya (IIT Gandhinagar)
Hemispheric E/I Balance as a Neural Marker of Innate Spatial Attention Biases	Mansi Pitaliya (IISER Mohali)
Modeling the role of body posture in tactile enumeration: insights from a HDDM model	Leslee Lazar (IIT Gandhinagar)
The Influence of Disgust on Moral Dilemma Processing and Decision-Making Speed	Shramana Roy (BHU)

Poster Session 3

Characterizing the aperiodic neural dynamics during response inhibition	Arpit Shrimankar (IIT Jodhpur)
Ugliness Bias: Does Visual Disgust Impair Memory Encoding?	Shubhangi Sharma (Christ (Deemed to be) University, Delhi NCR Campus)
Tracing Mental Processes Through Visualization: A Study of Mental Rotation	Madhumanti Bhattacharyya (IIT Kharagpur)
Quantitative WMH Load Reveals Early Default Mode Network and Cognitive Signatures of Neurovascular Aging	Niraj Gupta (IISER Berhampur)
Media Polarization and Doomscrolling Behavior: Investigation Through the Lens of Ingroup Bias	Abhishek Baba (IIT Kanpur)
Ganzflicker: Pseudo-hallucinations depend on Flicker Frequency	Sussmera D (IIT Kanpur)
Dynamics of Reward Cognition - Quantifying Costs of Reward Driven Cognitive Effort	Heena Khudabadi (Jain University)
Deconstructing the AI Placebo Effect: A Bayesian Computational Modeling Approach to Individual Differences in Performance	Utkarsh Mishra (IIT Delhi)