

I-BEE

India - Behaviour, Ecology & Evolution

## I-BEE Conference 2016

*10-12<sup>th</sup> March 2016, Corbett, Uttarakhand*

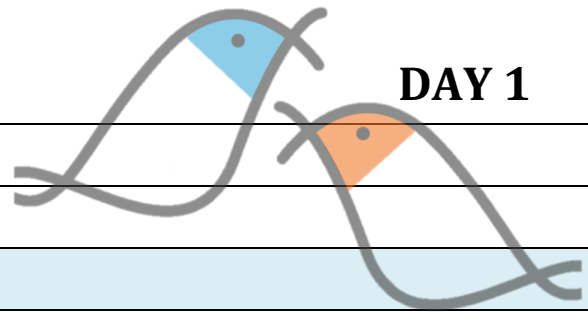
**Thursday, 10<sup>th</sup> March 2016**

<b>16:00-18:00</b> Registration
<b>19:00</b> <b>WELCOME MIXER &amp; CULTURAL PROGRAMME</b>
<b>20:00</b> DINNER

*I-BEE is striving to be a paper-free meeting. Please help us minimize our carbon footprint by keeping a digital copy of the conference schedule on your laptops, tabs and phones. The schedule can also be downloaded on your google calendar. Printed schedules will not be available at the meeting.*

Friday, 11<sup>th</sup> March 2016

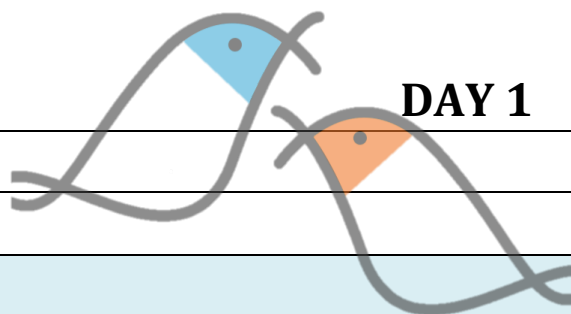
DAY 1



7:00	<b>BREAKFAST</b>	
8:00	Welcome	
<b>ORAL SESSION 1</b>		
8:30	V. V. Robin	Songs can differentiate bird populations isolated across ancient and recent genetic barriers on a sky island system
8:45	Rachana Bhawe	Personality along the boldness-shyness axis in a wild population of <i>Psammophilus dorsalis</i>
9:00	Ebi Anthony Geoge	When to dance: Regulation of dance activity of individual honeybee foragers
9:15	Zeeshan Ali Syed	Engine for speciation: Sexual conflict gives rise to reproductive barriers in populations of <i>Drosophila melanogaster</i>
9:30	Jahnvi Joshi	Allopatry, reproductive isolation and systematics: Defining speciation in the biogeographically complex Indo-Australian Region
9:45	<b>TEA BREAK / POSTER SESSION 1</b>	
<b>ORAL SESSION 2</b>		
11:30	Swetashree Kolay	Exploring decision making in the context of house hunting in an Indian ant
11:45	Nagarajan Baskaran	Influence of behaviour on ecology: Habitat use pattern by Asian elephant ( <i>Elephas maximus</i> ) in the tropical forests of Southern India
12:00	Ramana Athreya	Elevational profile of species diversity in the Eastern Himalayas
12:15	Sreejani Sen Majumder	When love is in the air: Understanding why dogs tend to mate when it rains
12:30	Sandeep Krishna	Diversity in bacteria-virus ecosystems is facilitated by weak defences against viruses
12:45	<b>LUNCH</b>	
<b>ORAL SESSION 3</b>		
14:00	Pratap Singh	Species recognition in babblers of <i>Stachyridopsis</i> genus
14:15	Kaveri Rajaraman	Matched acoustic communication production and reception systems in a bushcricket
14:30	Sravanti Uppaluri	Bacteria farming enhances <i>C. elegans</i> population growth
14:45	K. Santhosh	How much of a specialist is a specialist? Feeding ecology of Lion-tailed macaques in a logged forest complex
15:00	<b>TEA BREAK / POSTER SESSION 2</b>	
<b>ORAL SESSION 4</b>		
16:00	Bishwarup Paul	Intraspecific brood theft in an Indian queenless ant
16:15	Karan Singh	Evolution of the egg viability as a direct response to selection
16:30	Ramkumar	Spatial movement pattern of Asian elephants ( <i>Elephas maximus</i> ) outside reserved forests of Coimbatore forest division, Tamil Nadu, India
16:45	Maria Thaker	Predator release and the cascading effects on social communication
17:00	Deepa Agashe	Female interference competition mediates fitness consequences of group sex ratio in flour beetles
19:30	<b>DINNER</b>	

Saturday, 12<sup>th</sup> March 2016

DAY 1



7:00	<b>BREAKFAST</b>	
8:15	Announcements	
<b>ORAL SESSION 5</b>		
8:30	Suhel Quader	Documenting and monitoring birds through public participation
8:45	Anjan Nandi	Provisioning dynamics in insect societies: Modelling the foraging trips
9:00	Anuradha Batabyal	Urbanisation degrades social signalling in the rock agama <i>Psammophilus dorsalis</i>
9:15	Tamal Roy	Variations in spatial learning and memory across natural populations of zebrafish, <i>Danio rerio</i>
9:30	Imroze Khan	Strength of immunological memory increases with the severity of infection in natural insect population
9:45	<b>TEA BREAK / POSTER SESSION 3</b>	
<b>ORAL SESSION 6</b>		
11:30	Ashwin Viswanathan	How do generalist rodents search for seeds? Consequences for observed patterns of predation
11:45	Rohitashva Shukla	Fish community nestedness and species immigration-extinction dynamics in disturbed tropical freshwater streams of Central India
12:00	Snehalatha Vadigi	Long-term survival capabilities of endemic and non-endemic species from evergreen forests of KMTR
12:15	Krushnamegh Kunte	Natural selection, sexual selection, and the evolution of sex-specific phenotypes
12:30	Arijit Pal	Male takeover in Nicobar long-tailed macaque ( <i>Macaca fascicularis umbrosus</i> ): Consequences on habitat use and reproductive behaviour
12:45	<b>LUNCH</b>	
<b>ORAL SESSION 7</b>		
14:00	Aparna Agarwal	Microbes changing the fitness of flour beetle <i>Tribolium castaneum</i>
14:15	H. S. Suresh	Drought and dry forest phenology: results from Mudumalai, South India
14:30	Partha Sarathi Mishra	Influence of hierarchy in female society: A study in Nicobar long-tailed macaques.
14:45	Karthikeyan Vasudevan	Current status of the global pandemic chytridiomycosis in Indian frog populations
15:00	<b>TEA BREAK / POSTER SESSION 4</b>	
<b>ORAL SESSION 8</b>		
16:00	Bodhisatta Nandy	Plasticity in aggression and the correlated changes in the cost of reproduction in male <i>Drosophila melanogaster</i>
16:15	Amritansh Vats	On the mound building behavior of termites
16:30	Kavita Isvaran	Do extra-group fertilisations consistently increase the potential for sexual selection in male mammals?
16:45	Soumya Prasad	Do big players matter in seed dispersal networks?
17:00	Vishwesh Guttal	Abrupt transitions in ecological systems: role of stochasticity
19:30	<b>DINNER and Closing Address</b>	

## POSTER SCHEDULE

Poster Number	DAY 1: POSTER SESSION 1 and 2	
1	Kushankur Bhattacharyya	Nest architecture and entrance characteristics of an Indian ant
2	Snigdha Mukhopadhyay	Effect of landmark in relocation of an Indian queenless ant <i>Diacamma indicum</i>
3	Tripti Negi	Genetic diversity of golden jackal, <i>Canis aureus</i> in Gujarat state of India
4	Geetha Ramaswami	An alien in the network: Plant - frugivore associations in an invaded semi-arid landscape
5	Ron Sunny	Effect of light and water on leaf functional traits of 4 tropical seedlings
6	Yash Sondhi	Speciation and divergence in habitat islands: a comparative analysis of Indian hawkmoths
7	Preeti Sharma	Toads on Roads: Effect of linear barrier on movement ecology of common Asian toad ( <i>Duttaphrynus melanostictus</i> )
8	Jaideep Joshi	Mobility promotes the evolution of cooperation via emergent self-assorted groups
9	Janice Vaz	Comparative evaluation of stereotypical behaviours and physiological stress in tigers and leopards from six Indian zoos
10	Abi Tamim Vanak	Friends in the wrong places: Assessing the impacts of domestic dogs on native wildlife in India
11	Jayanti Ray-Mukherjee	Modeling the influence of soil parameters on the spatial pattern of the real rose of Jericho in the Negev desert
Poster Number	DAY 2: POSTER SESSION 3 and 4	
12	Divya Uma	Similar yet different: differential response of praying mantis towards ant-mimicking spiders
13	Shomen Mukherjee	Predator identity, rather than predator richness, affects oviposition decisions of the mosquito, <i>Culiseta longiareolata</i>
14	Nitesh Saxena	Role of multi-modal cues in landing decisions of fruit flies, <i>D. melanogaster</i> , during odor tracking behavior
15	Paromita Saha	The royal race: Queen succession in a tropical social wasp
16	Kruttika Phalnikar	Patterns of gut microbial community dynamics across developmental stages of butterflies
17	Martik Chatterjee	Evolution of female effect on sperm competition as a result of sexual conflict in <i>Drosophila melanogaster</i>
18	Nikhil Gaitonde	To fight kith or to fight foe? Phenotypic responses to predation and competition of a rapidly developing tadpole.
19	Ujali Raghunath Shirodkar	Role of visual and chemical cues in feeding behavior of a lepidopteran species
20	Anushree Bhattacharjee	Coexisting with large carnivores: A case study from western Duars, India
21	Surabhi D. Ranavat	How different are plants that live together?- Floral and pollination variation among sympatric Spiderworts in Kas plateau, Maharashtra
22	Swastika Issar	Resource choice in the red flour beetle larvae

