



XII Congress

International Society for Neuroethology
March 30 - April 3, 2016

Radisson **Montevideo** Victoria Plaza Hotel



Plenary Lectures

Dora Angelaki, Baylor College of Medicine, USA
"Merging of our senses: Building blocks and canonical computations"

Richard Benton, University of Lausanne, Switzerland
"Olfactory evolution in insects"

Anupama Dahanukar, UC Riverside, USA
"The hungry fly: Taste receptors, circuits and the control of feeding behavior"

Suzanna Herculano, Universidade Federal do Rio de Janeiro, Brazil
"Brain diversity in evolution: what changes, what doesn't - and what does it matter?"

Hailan Hu, Zhejiang University, China
"Neural mechanisms of social hierarchy"

Adam Kepecs, Cold Spring Harbor Laboratory, USA
"Decisions under uncertainty: behavioral and neural mechanisms of confidence judgments"

Andreas Nieder, University of Tübingen, Germany
"Of hairy and feathered primates - neuroethology of numerical competence in monkeys and crows"

Catharine Rankin, University of British Columbia, Canada TBD
"Evolving ideas about the functions and mechanisms of habituation based on genetic analyses using *C.elegans*"

Gene Robinson, University of Illinois, USA
"Understanding the Relationship Between Genes, Brain and Social Behavior: Lessons from the Honey Bee"

Daniel Tomsic, Universidad de Buenos Aires, Argentina
"Neurobiology of visually guided behaviors in crabs"

Presidential Symposium

Mark Bee, Univ. of Minnesota, USA
Kenneth Catania, Vanderbilt Univ, USA
Tetsuro Matsuzawa, Univ. of Kyoto, Japan
Emanuel Mora, Havana Univ, Cuba
Daniel Robert, Univ. of Bristol, UK
Stephanie White, UCLA, USA

Invited Symposia

"Behavioural and Neural Genomics of Sociality"
Chair: Rui F. Oliveira (Portugal)

"Neural Mechanisms of Spatial Perception and Navigation"
Chair: Khaleel Razak (USA)

"The Cognitive Approach to behavior and its lessons for Neuroscience"
Chair: Juan Valle Lisboa (Uruguay)

"Neuronal mechanisms underlying target detection"
Chairs: Paloma Gonzalez-Bellido (UK), and Karin Nordström (Sweden)

"Evolutionary mechanisms of sensory loss and regain"
Chairs: Jakob Christensen-Dalsgaard (Denmark) and Kim Hoke (USA)

"Neuroethology of parallel olfactory processing in insects and vertebrates"
Chairs: Jean Christophe Sandoz (France) and Wolfgang Rössler (Germany)

"Comparative view of the optic tectum:
A glimpse into the evolution of goal-oriented behaviors and attention in vertebrates"
Chairs: Germán Sumbre (France) and Yoram Gutfreund (Israel)

"Sensorimotor integration in vocal production and learning in songbirds"
Chair: Ana Amador (Argentina)

"News on the sensory world of birds"
Chair: Christine Köppl (Germany)

"A brain within the brain:
Sensory integration and network logic of the *Drosophila* circadian clock"
Chairs: Fernanda Ceriani (Argentina) and Joerg Albert (UK)

"Mirror neurons in primates"
Chair: Pierfrancesco Ferrari (Italy)

"Far from a 'Feather Brain':
Higher Cognitive Functions and their Neural Substrates in Fish"
Chair: Vera Schluessel (Germany)

Registration & Abstract Submission
open **SEPTEMBER 1st 2015**



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Montevideo, Uruguay



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