



S4SN 2018 | SCIENTIFIC PROGRAM

Friday, November 2, 2018

8:00 am — 6:30 pm	Onsite Registration & Pre-Registration Check In
8:30 am — 7:00 pm	Exhibits on Display
8:55 am — 9:00 am	Welcoming remarks by the President, Rui Oliveira
9:00 am — 10:00 am	Keynote Address: Larry Young , "The Neurobiology of Social Bonding, Social Loss and Empathy: Implications for Autism"
10:00 am — 10:20 am	Coffee Break
10:20 am — 10:50 am	Remembrance of John T. Cacioppo. Founder and First President of S4SN
10:50 am — 11:50 am	Symposium 1: Neuronal substrates of interactive social behavior. Chairs, Raymundo Báez-Mendoza and Ziv M. Williams (15 min each with Q&A)
▶ 10:50 am — 11:05 am	S1.1 Ofer Yizhar , "Representation of social information in the prefrontal cortex and its autism-associated disruption"
▶ 11:05 am — 11:20 am	S1.2 Masaki Isoda , "Cortico-subcortical networks underlying social reward valuation"
▶ 11:20 am — 11:35 am	S1.3 Mathew Apps , "Distinct social 'frames of reference' for valuation across the human medial prefrontal cortex"
▶ 11:35 am — 11:50 am	S1.4 Raymundo Báez-Mendoza , "Single neuron basis of social reciprocity in the anterior cingulate cortex"
11:50 am — 1:00 pm	Lunch Break (<i>On your own</i>)
1:00 pm — 2:00 pm	Poster Session A
2:00 pm — 2:30 pm	Emerging Topics I: A systems approach to understanding empathy Chairs, John P. Christianson and Hee-Sup Shin (5 min each with an all-panel Q&A at the end for all the speakers)
▶ 2:00 pm — 2:05 pm	E1.1 John P. Christianson , "Social Affect and the Insular Cortex"
▶ 2:05 pm — 2:10 pm	E1.2 Hee-Sup Shin , "Genetic and circuit analysis of empathic fear in the mouse"
▶ 2:10 pm — 2:15 pm	E1.3 Oriel Feldmann Hall , "Neural mechanisms of empathically motivated altruism"
▶ 2:15 pm — 2:20 pm	E1.4 Carolyn Parkinson , "Social relationship knowledge shapes prosociality"
▶ 2:20 pm — 2:30 pm	E1.5 All panel Q & A
2:30 pm — 3:30 pm	Symposium 2: Neural response to socio-emotional vocal information produced by important others: influence of social learning and developmental change. Chair, Michele Morningstar (15 min each with Q&A)
▶ 2:30 pm — 2:45 pm	S2.1 Lauren Riters , "Insights from songbirds into neural circuits underlying positive affective communication"

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▶ 2:45 pm — 3:00 pm	S2.2 Cory Miller , “Neural mechanisms supporting natural social interactions in marmosets”
▶ 3:00 pm — 3:15 pm	S2.3 Anna Blasi , “Imaging the development of neural responses to voice and environmental sounds of typically developing infants and infants at risk with fMRI and fNIRS”
▶ 3:15 pm — 3:30 pm	S2.4 Michele Morningstar , “Development of vocal emotional processing in adolescence and its disruption in temporal lobe epilepsy”
3:30 pm — 3:50 pm	Coffee Break
3:50 pm — 4:50 pm	Symposium 3: The neurophysiology of social and affective touch. Chair, Katalin Gothard (15 min each with Q&A)
▶ 3:50 pm — 4:05 pm	S3.1 Alexander Chesler , “Conserved touch mechanisms in mice and humans”
▶ 4:05 pm — 4:20 pm	S3.2 Katalin Gothard , “Cellular correlates of social and emotional touch in primates”
▶ 4:20 pm — 4:35 pm	S3.3 India Morrison , “Neural correlates of social and emotional touch in humans”
▶ 4:35 pm — 4:50 pm	S3.4 Catherine Bushnell , “Touch perception altered by chronic pain and opioid blockade”
4:50 pm — 5:20 pm	Emerging Topics II: Navigating social relationships using hippocampal networks. Chairs, Daniela Schiller (10 min each with Q&A)
▶ 4:50 pm — 5:00 pm	E2.1 Nachum Ulanovsky , “Social place-cells in the bat hippocampus”
▶ 5:00 pm — 5:10 pm	E2.2 Christian Doeller , “Domain general navigational computations in hippocampal networks”
▶ 5:10 pm — 5:20 pm	E2.3 Daniela Schiller , “Navigating social relationships in healthy and psychiatric populations”
5:20 pm — 5:30 pm	Break
5:30 pm — 6:00 pm	Early Career Award Talks
▶ 5:30 pm — 5:45 pm	Human Method: “TBD”
▶ 5:45 pm — 6:00 pm	Animal Method: “TBD”
6:00 pm — 7:00 pm	Poster Session B & Social Hour Reception

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