

Touch challenge '15: recognizing social touch gestures

Program for November 9th, 2015

- 09:00 – 09:10 Welcome & introduction
- 09:10 – 09:35 The Grenoble System for the Social Touch Challenge at ICMI 2015 *by Viet-Cuong Ta, Wafa Johal, Maxime Portaz, Eric Castelli & Dominique Vaufreydaz*
- 09:35 – 10:00 Social Touch Gesture Recognition using Random Forest and Boosting on Distinct Feature Sets *by Yona Gaus, Temitayo Olugbade, Asim Jan, Rui Qin, Jingxin Liu, Fan Zhang, Hongying Meng & Nadia Berthouze*
- 10:00 – 10:20 Coffee break
- 10:20 – 10:45 Recognizing Touch Gestures for Social Human-Robot Interaction *by Tugce Balli Altuglu & Kerem Altun*
- 10:45 – 11:10 Detecting and Identifying Tactile Gestures using Deep Autoencoders, Geometric Moments and Gesture Level Features *by Dana Hughes, Nicholas Farrow, Halley Profita & Nikolaus Correll*
- 11:10 – 11:50 Discussion
- 11:50 – 12:00 Wrap-up & closing