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