



人間系コロキウム

4 6 th

Oct. 10 2018

12:15~13:15

Room 210

Master's Programs in  
Humanities and  
Social Sciences 8B

# Univ. of Tsukuba Faculty of Human Sciences Colloquium

Toward establishing "behavioral design"  
based on computational methods for  
measuring and analyzing the behavior

Lecturer: Matsuda Soichiro

Assistant Prof. Univ. of Tsukuba

This presentation aims to highlight collaboration among psychologists and engineers in using social imaging technology for autism research. The goal of this multidisciplinary research team is to measure social interactions of children with ASD via the use of wearable/robotic devices, measuring such behaviors as body contact, approaching others, turn taking, along with the facial expressions and ECG signals that accompany and follow these interactions. Such a series of measurements provides a promising means of understanding social behaviors in children with ASD, and they also indicate potential new intervention strategies through the immediate reinforcement of social behavior based on computational measurement.\*This presentation is in Japanese using slides with English subtitles. Q & A in English are acceptable.

Education

Psychology

Disability Sciences

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