

Osaka Univ. MMDS seminar
Mathematical Modeling Seminar series #29



Registration!
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**“Social Physics: Mobile Data Analysis
and Computational Modelling of
Human Social Connectome”**

1:30pm-2:30pm, Wednesday, 5th October 2022

Engineering Science Building J room 114,
Toyonaka Campus. Osaka University

Kimmo Kaski

Aalto University School of Science, Finland
The Alan Turing Institute, British Library, UK
Wolfson College, Oxford University
Complexity Science Hub Vienna, Austria



In recent years the modern Social Physics has focused on studying large-scale socially relevant datasets using data analysis and computational modelling and yielded unprecedented insight into human social network structures and processes therein. This is well-demonstrated by our analysis of a large mobile phone dataset finding the social networks having modular structure of communities with strong internal ties and weaker external ties. As this data includes the phone users' demographics, i.e. gender and age, we have investigated the nature of human social interactions from the egocentric viewpoint and got a deeper insight into the gender and age-related social behaviour patterns and dynamics of human relationships, across their lifespan.

For further information please contact to:
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