
French - Finnish
Higher Education, Research and Innovation Workshop (ERI-W)

Future directions of Invariant Coordinate Selection
and related methods

November 2-3 2017

Program

Organized by Klaus Nordhausen and Anne Ruiz-Gazen

- Thursday November 2 - Morning
 - 9h-9h15: Introduction
 - 9h15-9h50: **Klaus Nordhausen**, “BSS for spatial data”
 - 9h50-10h25: **Sara Taskinen**, “Blind source separation based on robust autocovariance matrices”
 - 10h25-10h55: break
 - 10h55-11h30: **Julie Josse**, “Distributed matrix completion for medical databases”
 - 11h30-12h05: **Joni Virta**, “ICS-like methods in spaces of higher order”
- Thursday November 2 - Afternoon
 - 13h30-14h05: **Nathalie Villa-Vialaneix**, “About functional SIR”
 - 14h05-14h40: **Markus Matilainen**, “Sliced average variance estimation for multivariate time series”
 - 14h40-15h15: **Jari Miettinen**, “ICA for graph data using graph-autocorrelation matrices”
 - 15h15-15h45: break
 - 15h45-16h20: **Niko Lietzen**, “On complex valued autocovariance estimators in the context of ICS”
 - 16h20-17h: discussion time
- Friday November 3 - Morning
 - 9h-10h30: *Special session - ippon innovation*
 - * **François Bergeret**, “ICS for detecting outliers. Context, results and challenges for the company ippon innovation.”
 - * **Aurore Archimbaud**, “The ICSShiny package”
 - * **Carole Soual**, “An interface for detecting outliers in an industrial context”
 - 10h30-11h: break
 - 11h-11h35: **Anne Ruiz-Gazen**, “ICS with positive semidefinite scatter matrices”
 - 11h35-12h: discussion time
- Friday November 3 - Afternoon
 - 13h30-14h05: **Sean Robinson**, “Experience with a French-Finnish cotutelle PhD: Some tips and tricks”
 - 14h05-15h: discussion time and closure
 - 15h-15h30: break