



 STEFANO FORTUNATI

From France to Finland 

Project: **Robust and semiparametric inference for high-dimensional data**

Research topic: **Engineering**

Finnish Institution: **Aalto University**

French Institution: **Laboratoire des signaux et systèmes (L2S) & DR2I-IPSA**

Dates of mobility: **29/08/2021 to 11/09/2021**

Program: **Maupertuis Programme**



PRESENTATION

[Stefano Fortunati](#) got his PhD at the [University of Pisa](#), Italy, in 2012. He works currently at the [Laboratoire des Signaux et Systèmes \(L2S\)](#), [Paris-Saclay University](#), [CNRS](#), [CentraleSupélec](#). He is a permanent lecturer (enseignant-chercheur) at [IPSA](#) in the Parisian campus of Ivry-sur-Seine.

ACTIVITIES IN FINLAND

The aim of Stefano Fortunati's visit was to strengthen the collaboration between the [Department of Processing and Acoustics](#) at [Aalto University](#) and the Laboratoire des Signaux et Systèmes (L2S) (Paris-Saclay University, CNRS, CentraleSupélec) by starting a new and multidisciplinary research line on the [Le Cam](#)'s theory on optimal semiparametric estimators and tests for high-dimensional data. The contact person at Aalto University has been Prof. [Esa Ollila](#). Together, they planned to submit an application for post-doc funding at Paris-Saclay University and [Institut DATAIA](#). They strengthened the scientific interactions and exchanges between the French and Finnish research communities by fostering successful initiative as the French-Finnish workshop on statistical learning or the proposal of common tutorials or special sessions in renowned conferences on statistics and signal processing. Their next goal is to create a network of PhD students (in co-tutorship) and Post-Docs researchers working on semiparametric Le Cam's theory and its applications. Stefano Fortunati also gave a seminar titled "[Robust Semiparametric Efficient Estimators in Complex Elliptically Symmetric Distributions](#)"