



**LASSI PAUNONEN**

From Finland to France



Project: **Dynamical behaviour of selected mathematical models on networks**

Research topic: **Mathematics**

Finnish Institution: **Tampere University**

French Institution: **Université polytechnique Hauts-de-France**

Dates of mobility: **04/10/2021 to 08/10/2021**

Program: **Maupertuis Programme**



## PRESENTATION

[Lassi Paunonen](#) is an Associate Professor (tenure track, since 2016) in Mathematics at [Tampere University](#). He received his MSc degree in mathematics in 2007 and his PhD in mathematics in 2011, both from Tampere University of Technology. During 2016 — 2019 he held a position of an [Academy of Finland](#) Postdoctoral Researcher. His main research interests are the Stability Theory of Strongly Continuous Semigroups, Operator Theory, and Robust Control of Partial Differential Equations.

## ACTIVITIES IN FRANCE

During his visit at the [Polytechnique University Hauts-de-France](#), Lassi Paunonen initiated new research collaboration with [Serge Nicaise](#) and [David Seifert](#) on the topic of dynamical behaviour of selected mathematical models on networks. The visit was used to plan the joint research and to select the particular choices of Partial Differential Equation (PDE) network models to study. The collaboration partners already achieved the first preliminary results during the visit. They also wrote detailed plans on how to continue their research and how to publish their findings after the visit.