



PASCAL REBREYEND

From Sweden to France



Project: **Combinatorial optimization issues**

Research topic: **Informatics**

Swedish Institution: **Dalarna University**

French Institution: **University of Western Brittany**

Dates of mobility: **03/10/2016 to 14/10/2016**

Program: **SFVE-A (ex-FRÖ)**



PRESENTATION

[Pascal Rebreyend](#) is a Senior Lecturer at the [School of Science and Technology](#) at [Örebro University](#), previously Lecturer at the [School of Technology and Business Studies](#) at [Dalarna University](#). He obtained his PhD in Computer Science in 1998 from the [Ecole Normale Supérieure](#) in Lyon. His research is on combinatorial optimization, scheduling, train dispatching and logistic.

ACTIVITIES IN FRANCE

Pascal Rebreyend visited the Laboratory of Information and communication Science and Technology ([LABSTICC](#)) at the [University of Western Brittany](#) (UBO), hosted by [Laurent Lemarchand](#) and [Damien Massé](#). The aim was to finalize their collaboration for the previous two years. They adapted their various software codes to work with a dataset and solve the problem of locating primary and secondary schools in Borlänge. Theoretically, this problem is known as the multi-objective p median problem. The actual data was extracted from openstreetmap. At the end of the mobility, they started the experimental test protocol, running on a machine at UBO. He also met and exchanged with many of Laurent Lemarchand's colleagues and PhD students working on similar problems to those of Rebreyend's colleagues in Sweden. The stay strengthened their cooperation and enabled us them to start writing a joint article.