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Dr Valerie Renaudin

Director of the laboratory,  
IFSTTAR Nantes, COSYS / GEOLOC  
Route de Bouaye CS4  
44344 Bouguenais CEDEX  
France

**Dr. Valerie Renaudin**

**COST Action TU1302 Short Term Scientific Mission Visitor at the Finnish Geospatial Research Institute (FGI), National Land Survey of Finland (NLS)**

Dear Prof. Stoilov,

Dr Valerie Renaudin made a 2 week Short Term Scientific Mission at the Finnish Geospatial Research Institute (FGI), Department of Navigation and positioning, from February the 27<sup>th</sup> to March the 10<sup>th</sup>. During her visit, she work in collaboration with me and a team of researchers at the FGI's Department of Navigation and positioning.

During the STMS Dr Renaudin conducted a survey of state-of-the-art equipment/software dedicated to the simulation of a system consisting of an inertial navigation systems as well as other self-contained sensors providing measurements for positioning, e.g. a vision-aiding system. Then, a test setup was planned for collecting relevant data for assessing the challenges arising for ITS navigation from winter conditions. Then, tests were carried out and the data processed. The plan is to write a collaborative journal paper from the results, due to the fact that for our knowledge navigation for road transport in winter conditions has been significantly under researched.

During her visit we concentrated successfully on providing material into the SaPPART Guidelines document. In addition, we had profound scientific discussions that will benefit the scientific ambitions of SaPPART. During the STSM Dr Renaudin also gave a presentation to the whole FGI's Navi department about the research of her department at IFSTTAR, which will contribute to the long-term future collaboration between the two organizations.

Yours sincerely,



Dr Laura Ruotsalainen,

Deputy Director, Department of Navigation and Positioning,  
Finnish Geospatial Research Institute (FGI),  
National Land Survey of Finland

[laura.ruotsalainen@nls.fi](mailto:laura.ruotsalainen@nls.fi), +358 450 433 6552