Workshop Agenda

Welcome and Introduction – by Belén Riveiro, Project Coordinator at University of Vigo: 14:00 - 14:10

ACADEMIC SESSION 14:00-15:45h

- Assessment of direct losses of terrestrial transportation lines due to floods, by Norwegian Geotechnical Institute: 14:10 - 14:25
- Point cloud to IFC: generation of IFC Alignment entities for road and railway infrastructures using 3D point cloud data, by University of Vigo: 14:25 - 14:40
- Stochastic deterioration prediction and maintenance prioritization for networks of bridges, by University of Cambridge: 14:40 – 14:55
- Reliability-based Bayesian updating methodology for transport infrastructures, by University of Minho: 14:55-15:10
- Characterization of iron-based shape memory alloys (SAMs) for resilience structures, by University of Vigo 15:10 - 15:30
- Questions and answers: 15:30 – 15:45

BREAK: 15:45 – 16:00

INDUSTRIAL SESSION 16:00-17:30h

- Integration of an interoperational data model for critical infrastructures in the management application MSManager, by Insitu Engineering: 16:00– 16:15
- Crowd sourced data and evacuation service, by Ben Rutten and Innovactory: 16:15– 16:30
- Decision Support tool for planning optimal maintenance of infrastructure in multi/modal transportation networks exposed to extreme events, by Infrastructure Management Consultants: 16:30– 16:45
- RE on-site, a GIS based toolkit for efficient asset management, by DEMO consultants: 16:45– 17:00
- Rheticus® Safeway -Inspection priority insights for roads and railways operator, by PlanetekItalia: 17:00– 17:15

PANEL DISCUSSION 17:15-18:00h

"Envisioned direct impacts of SAFEWAY IT developments towards more resilient infrastructure networks". Moderator Pedro Arias Panel lists: Infraestructuras de Portugal, Ferrovial, Network Rail

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