

Keynote speakers INGEO2017



Structural monitoring

José Manuel Catarino

Do we need structural monitoring?



Virtual and augmented reality

Alfredo Ferreira

Virtual and augmented reality:
from the Lab to the Wild



Maritime structures

Conceição Juana Fortes

Application of stereo-photogrammetric methodologies
to the design and monitoring of maritime structures



UAV

Gonçalo Vieira

Assessing exposure of infrastructure to natural
hazards using unmanned aerial systems:
case studies from the Andes, Portugal,
Antarctica and Cape Verde



Concrete dams

Domingos Silva Matos

The role of survey methods in the
monitoring of concrete dams



Classical surveying methods

Kopáček Alojz

The potential of classical surveying methods
for health care monitoring of large structures



Geotechnical works

Ana Quintela

The role of monitoring in Geotechnical works



Ground based radar interferometry

Wolfgang Niemeier

Potential of space based and ground based
radar interferometry for deformation monitoring



Monuments and historic buildings

Paulo Lourenço

Monuments and historic buildings: applications
and challenges in structural engineering



Laser scanner

Wunderlich Thomas

3D congruency: the point cloud problem



Bridges

Sokol Milan

Dynamic response of bridges
and its monitoring needs



GNSS

Gethin Roberts

Advances in GNSS for deformation
and deflection monitoring