



## ZAG Public Lecture Series

Assist. Prof. Dr. **DIOGO RIBEIRO**

### Advances on inspection of civil infrastructures based on unmanned aerial systems and deep-learning strategies

29.11.2023 10:00, Ljubljana, Dimičeva street 12 (ZAG building, 5<sup>th</sup> floor)

### Condition monitoring strategies of railway subsystems aided by artificial intelligence

1.12.2023 10:00, Ljubljana, Dimičeva street 12 (ZAG building, 5<sup>th</sup> floor)



#### Assist. Prof. Dr. DIOGO RIBEIRO:

- Adjunct Professor at the Polytechnic of Porto – School of Engineering (ISEP-IPP).
- Director of ISEP's Civil Engineering Bachelor's program since 2014 and Director of Postgraduate Programs in BIM Coordination since 2019 and Prefabrication in Concrete since 2020.
- Invited lecturer at master and postgraduate courses in Brazil.
- Integrated Member of the CONSTRUCT research institute at the University of Porto.
- Research interests: remote inspection, AI, BIM, digital construction, and structural health monitoring.
- Coordinator or researcher in over 20 R&D projects in railway infrastructure and digital construction.
- Co-Editor of Springer Books on Industry 4.0 and Structural Health Monitoring; editor-in-chief of a Springer Book Series.
- Visiting researcher in Germany and the US, and Fulbright Grant awardee for work on the California High-Speed Railway project.
- Scopus citations: 107 documents, 1375 citations, h-index of 21.