ABCPhDOPENTalks2022

Towards the generation of digital twins for the built environment from point clouds.

Prof. Lucía Díaz Vilariño

After obtaining her PhD in 2015 from the University of Vigo with the thesis entitled '*Geomatic techniques for the generation of Building Information Models towards their introduction in integrated management systems*', awarded with 'Cum Laude', Lucía is currently a postdoctoral Research Fellow at the Department of Design in Engineering from the University of Vigo.

Lucía has published more than 90 scientific publications in collaboration with 84 different co-authors, participated in 28 R&D projects funded with more than €21 million through competitive public calls (4 from H2020 program, 1 ERA-MIN, 1 INTERREG, 11 national projects), and in 19 R&D contracts with companies funded with more than €400 thousand. She was principal investigator (PI) of three international non-UE Scientific Initiatives focusing on promoting research on building modelling from point clouds, as well as PI of the international project RecycleBIM and of the national competitive projects AutoBIM and ALLEGRO, funded with more than €468 thousand. Lucía has also been member of the management committee of European COST Actions TU1304, TD1403, TU1407 and CA15201.

In the course of her research career, Lucía joined international research centres for a total of 36 mos., starting major collaborations at top international groups (University of Twente, Delft University of Technology, Politecnico di Milano, University of Porto, etc.). She has also been involved in the work of several international organizations such as *the International Society for Photogrammetry and Remote Sensing*, in which she served as secretary and co-chair of the *WG IV/5 Indoor/Outdoor Seamless Modelling, LBS and Mobility*, for the periods 2016-18 and 2018-22, respectively, and she is currently involved as co-chair of *WG IV/9 Spatially Enabled Urban and Regional Digital Twins*.

Thursday, November 10, 2022, H: 17.00 - ONLINE
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