

# IABMAS Survey on *Digital Twins* for Bridge Management

<b>DATE</b> <b>March 16, 2026</b>	<b>TIME</b> <b>11:00 AM – 12:00 PM</b> Eastern Standard Time (EST)	<b>FORMAT</b> <b>Live Online</b> Open to all IABMAS members
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## FEATURED SPEAKER



### Dr. Eva Lantsoght

Vice Dean for Research & Full Professor in Structural Engineering  
Universidad San Francisco de Quito, Ecuador  
Associate Professor in Concrete Structures, TU Delft, Netherlands

Chair - IABMAS TC on Bridge Load Testing · Chair - IABMAS WG on Digital Twins · IABMAS Executive Committee · Vice President - IABSE · 2024 ACI Mete A. Sozen Award Fellow - ACI

## PRESENTATION ABSTRACT

The IABMAS Working Group on Digital Twins (DTs) is a transversal group combining members from the three IABMAS Technical Committees, liaisons to relevant technical committees of other organizations, and bridge owners. The aim of the Working Group is to develop a common foundation and common understanding for the use of DTs in bridge engineering, and in particular for bridge management. To understand how DTs can contribute to the needs of bridge owners, the Working Group carried out a survey to map the main challenges of bridge owners, check their understanding of and use of DTs, including necessary input, and to gather the necessary information to organize a workshop on the topic at **IABMAS 2026 in Orlando, FL**. The survey results indicated a broad range of definitions used by bridge owners for DTs, support and interest from owners for the application of DTs at the asset level more than at the network level. However, owners are concerned about integrating DTs into their existing platforms and the long-term operational maintenance of the system. The survey and upcoming workshop will provide input for a white paper document, and a sustained collaborative effort between researchers, industry and bridge owners to identify the most appropriate and cost-effective means to integrate DTs into bridge management practices.

For Free Registration: [Click here](#) (You will get a calendar appointment immediately)

Any questions: Contact Basak Bektas, Sreenivas Alampalli, or Maqbool Mohammed

*Association of Transportation Professionals of Indian Origin (ATPIO) is co-sponsoring this event.*