

International Workshop on Recent Advances in Multiphase Flow-Induced Vibration

Date: 16-17 December 2020

Location: Virtual

Sponsor: UK Research and Innovation (UKRI) Engineering and Physical Sciences Research Council (EPSRC)

Organizer: Multiphase Flow-Induced Fluid-Flexible Structure Interaction in Subsea Applications (MUFFINS) Consortium

An Assessment of Subsea Manifold Piping FIV due to Multiphase Flow with Low Liquid Content

Juan P. Pontaza

Shell International Exploration and Production Inc.

Houston, Texas, USA



Dr. Juan P. Pontaza, Principal Engineer

Juan is the Shell subject matter expert for Fluid-Structure Interaction (FSI) & Computational Fluid Dynamics (CFD). Juan has BSc, MSc, and PhD degrees in Mechanical Engineering from Texas A&M University and MIT. Juan has authored over 40 journal papers and conference papers on numerical methods for fluid flow and fluid-structure interaction.