

ISFV 19

Shanghai, China, Sept. 14-16, 2021



SHANGHAI JIAO TONG
UNIVERSITY

Session 3: CFD/Machine Learning I

(Presentation videos are available on TV #2)

Keynote Speaker

Stefano DISCETTI
Associate Professor
Universidad Carlos III de Madrid, Leganés, Spain
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Presentation:

“Data-driven methods to enhance the resolution of Particle Image Velocimetry”

Biography:

Stefano Discetti is Associate Professor and Director of the Aerospace Engineering Research Group at Universidad Carlos III de Madrid. He received his Ph.D. (2013) in Aerospace Engineering from University of Naples Federico II. His main research interests are in the field of development of optical measurement techniques for fluid flows, data-driven techniques and machine learning applied to flow measurements and flow control. He is PI of the ERC Starting Grant project NEXTFLOW. He is member of the Editorial Board of the JCR journal Measurement Science and Technology, of the Scientific Committee of the International Symposia on Particle Image Velocimetry, of the Scientific Council of the International Centre for Heat and Mass Transfer and of the Steering Committee of the Special Interest Group on Particle Image Velocimetry of ERCOFTAC.