



Short Course on
Vibration Measurements by Optical Techniques
Organised within the H2020 Marie Skłodowska-Curie project ECO DRIVE



FINAL PROGRAMME

TUESDAY, 20th June

- 08.45 *Registration*
- 09.15 Welcome by Prof. E.P. Tomasini, President of A.I.V.E.L.A., Italy
- 09.30 **LECTURE**
"Principles of Laser Doppler Vibrometry", *Prof. Ben Halkon, University of Technology Sydney, Australia*
- 10.20 **LECTURE**
"Laser Doppler Vibrometer - noise and resolution", *Dr Eugen Biegler, Polytec GmbH, Germany*
- 11:00 *COFFEE BREAK*
- 11:30 **TUTORIAL**
"Optical Vibration Measurements with Simcenter Testlab", *Dr Emilio Di Lorenzo and Dr Davide Mastrodicasa, SIEMENS, Belgium*
- 13:00 *LUNCH*
- 14:00 **TUTORIAL**
"Principle and Application of Vibration Measurement by Digital – Image Correlation (DIC)", *Dr Nadine Köhler, Dr Hendrik Pulju and Dr Peter Mäckel, Correlated Solutions Europe and isi-sys GmbH, Germany;*
- 15.30 **HANDS-ON SESSIONS**
"QTec Scanning LDV", *Polytec GmbH, Germany*
"Continuous Scanning LDV", *Mechanical Measurements Group, Polytechnic University of Marche, Italy*
"Laser Scanning Vibrometer with Rotation-Tracking: a Compact and High-Speed Solution", *Julight Srl, Italy*
"Vibration Measurement with 3D High-Speed DIC", *Dantec Dynamics, Denmark*
- 18.00 *END of COURSE*

Organised in collaboration with

