

# WORKSHOP PROGRAM

## LASER VIBROMETRY WORKSHOP: DAMPING FROM MACRO TO NANO SCALE

<b>09:30 - 10:00</b>	<b>Registration</b>
<b>10:00 - 10:30</b>	<b>Introduction in Laser Doppler Vibrometry (LDV)</b> Olivier De Moor & Simon Schaefer - <b>Konnexions/Polytec</b>
<b>10:30 - 11:00</b>	<b>Understanding damping behaviour of mechanical and aerospace systems using full-field measurements</b> Dario Di Maio - <b>University of Twente</b>
<b>11:00 - 11:30</b>	<b>Coffee Break</b>
<b>11:30 - 12:00</b>	<b>Detecting and harnessing nonlinear damping in tiny structures</b> Farbod Alijani - <b>TU Delft</b>
<b>12:00 - 12:30</b>	<b>The benefits of non-destructive ultrasonic testing</b> Benjamin van Elburg - <b>NLR</b>
<b>12:30 - 13:30</b>	<b>Lunch &amp; Networking</b>
<b>13:30 - 14:00</b>	<b>LDV for Metamaterials: Measuring, Understanding, and Engineering Dynamic Response</b> Anastasiia Krushynska <b>University of Groningen</b>
<b>14:00 - 14:30</b>	<b>Laser Doppler Vibrometry for Predictive Wave Engineering in Polymer Phononic Materials</b> Sidharth Beniwal <b>University of Groningen</b>
<b>14:30 - 16:30</b>	<b>Laboratory demonstrations &amp; hands-on sessions</b> 1 PSV-500 Xtra for full field analysis 2 VibroScan QTec Xtra with microscopic objective 3 VibroScan QTec Xtra for continuous scanning of CRFP 4 Robotic setup for full structure vibration scan
<b>16:30 - 17:30</b>	<b>Networking Drink</b>

