

SCHOOL EVENT 4, 8 - 9 December 2020, online (MS TEAMS platform)

EVENT PROGRAMME

8th of December 2020

TESTING AND INSTRUMENTATION FOR AUTOMOTIVE APPLICATIONS

9.30 – 11.45 MBST FOR ELECTRIC VEHICLES

Yves A. B. MOLLET, PhD (Université Libre de Bruxelles, Belgium & researcher at Siemens Industry Software, Leuven, Belgium).

11.45 – 12.15 DIGITAL TWIN FOR EFFICIENT VALIDATION OF SUBJECTIVE VEHICLE PERFORMANCES

Marco Grotoli (PhD student at Biomechanical Engineering at Delft University of Technology, the Netherlands and research engineer at Siemens Industry Software, Leuven, Belgium).

12.15 – 13.15 Lunch break

13.15 – 14.00 FROM SIMULATION TO REALITY: THE XIL JOURNEY...,

Marcelo Izaguirre (NI Romania)

Horia Hedesiu, PhD (Professor at Technical University of Cluj-Napoca and Managing Director with NI in Romania).

14.15 – 15.00 AERO THERMAL TEST BENCH DESCRIPTION

Ciuhandu Alexandru (test validation specialist at Renault Romania Technologies)

Voicu Iulian (test validation specialist at Renault Romania Technologies)

15.15 – 16.00 EMC SIMULATION FOR POWER-ELECTRONICS

Michael Richter (specialist for EMC at Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Würzburg)

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9th of December 2020

SUSTAINABLE MOBILITY AND AUTOMOTIVE INDUSTRY

9.30 – 10.15 SUSTAINABLE URBAN MOBILITY AS A CRITICAL ELEMENT FOR PLANNING, DESIGNING AND MANAGING CITIES BASED ON THE PRINCIPLES OF SUSTAINABLE DEVELOPMENT.

Pietro Elisei, PhD (INTERNATIONAL CONSULTANT IN URBAN POLICY DESIGN AND STRATEGIC PLANNING at URBASOFIA and senior researcher at Sapienza Universita di Roma, Italy)

10.30 – 11.15 PRODUCT LIFECYCLE MANAGEMENT BENEFITS, CHALLENGES AND OPPORTUNITIES

Stelian Brad, PhD in Robotics at the Technical University of Cluj-Napoca in joint PhD program with Stuttgart University, and a PhD in Economics at the Academy of Economic Studies Bucharest, with a focus on economy of innovation (professor at technical University of Cluj-Napoca).

11.15 – 12.00 LCA FOR ENVIROMENTAL IMPACT ANALYSIS

Ovidiu Nemes, PhD (Professor at technical University of Cluj-Napoca).

12.00 – 12.45 Product lifecycle management in automotive industry

Volker Nägele, (PLM specialist at Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Würzburg)