

- Title of the seminar: **Model-Based Development of Vehicle Attributes**

- When&Where: May 5th, 15:00-17:00 in Seminar Room, Edificio Stecca, Ecotekne

- Link virtual event:

- Speaker:

Ing. Gianluca Vitale,

Global Business Segment Manager Smart Calibration and Virtual Testing @ AVL List GmbH

DI Mario Oswald,

Head of Virtual Vehicle and Energy Management @AVL List GmbH

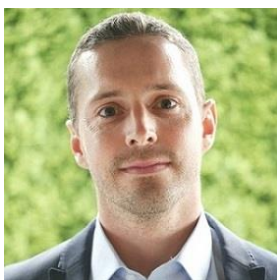
- Abstract:

Attributes of modern developed vehicles, such as driving range, driveability, performance, etc. are depending on the complex interaction of various vehicle sub-systems. The reduction of the time to market and the necessity to reduce the costs of precious vehicle prototypes made model-based development approaches a necessity in the automotive industry. We illustrate the latest development requirements and state of art technologies to innovatively address the development challenges.



Short Bio: **Gianluca Vitale** obtained his master's degree in electrical engineering at the Università degli Studi di Napoli, Italy. Until 2003 he worked as a scientist for STMicroelectronics.

In 2003 he joined AVL Austria as a Calibration Engineer. After two years he started working as a Project Leader. In 2009 he became Group Product Manager. From 2011 until 2014 he held the position 'Manager of the Diesel Engine Production Calibration'. Since 2014 he is working as Global Business Segment Manager.



Short Bio: **Mario Oswald** obtained his master's degree in telematics at the Graz University of Technology, Austria.

In 2010 he joined AVL Austria as a Simulation Engineer Vehicle Dynamics. After two years he became Lead Engineer. In 2016, he was announced as Skill Team Leader Vehicle Simulation and 2021 as Head of Virtual Vehicle and Energy Management.

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