

BRINGING REAL-WORLD EXPERIENCE INTO THE CLASSROOM:

AUTOMOTIVE EXPERT SEMINARS

ENGINE DEVELOPMENT UNDER INDUSTRIAL CONSTRAINTS

Mass production, High-Performance and Racing Perspectives

Stefano Agazzi – Alfa Romeo Classiche

The Giulietta Engine: Development and Industrial Life of a 40-Year Powertrain

Franco Cazzolato – Stellantis

Propulsion System Calibration in High-Volume Production

Francesco Pulvirenti – Ferrari

Supercar Engine: Constraints and Opportunities of Niche Applications

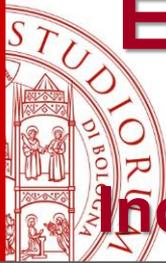
Enrico Gualtieri – Scuderia Ferrari

Formula 1 Engine: from Max Performance to Max Efficiency

QUESTIONS AND OPEN DISCUSSION WILL FOLLOW

Monday, February 9, 2026, from 4 PM to 7 PM

Aula Magna, School of Engineering, Bologna and via [Teams](#)



ENGINE DEVELOPMENT UNDER REAL-WORLD CONSTRAINTS

Industrial, High-Performance and Racing Perspectives

This seminar explores how automotive engines are developed in real industrial environments, where technical excellence must coexist with constraints related to cost, timing, regulations, production volumes, and carry-over strategies. Through first-hand experiences from leading engineers in the Italian automotive industry, the seminar illustrates how the role of the engine designer and the engineering team evolves across different contexts: from long-term mass production to high-performance niche applications and top-level motorsport.

Stefano Agazzi – Alfa Romeo Classiche

The Giulietta Engine: Development and Industrial Life of a 40-Year Powertrain

A historical perspective on the evolution of a mass-production engine manufactured in tens of millions of units, highlighting robustness, design continuity, and long-term industrial constraints.

Franco Cazzolato – Stellantis

Propulsion System Calibration in High-Volume Production

An inside view on engine calibration, testing, and validation for large-scale production, focusing on trade-offs between performance, emissions, cost, and time-to-market.

Francesco Pulvirenti – Ferrari

Supercar Engine: Constraints and Opportunities of Niche Applications

How powertrain development changes when performance, exclusivity, and engineering creativity redefine traditional industrial constraints.

Enrico Gualtieri – Scuderia Ferrari

Formula 1 Engine: from Max Performance to Max Efficiency

A journey into F1 power unit development, where regulations, simulation, innovation, and extreme performance define every design decision.

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