

Corso di Laurea in Ingegneria del Veicolo

224703

Lezione inaugurale dell'A.A. 2024/2025 riservata agli studenti del III anno

Why is the internal combustion engine not dead? Lessons from history.

Calum Douglas B.Eng M.Sc

Consulting Mechanical Engineer

Venerdì 20/09/2024 ore 9:30

Sala Eventi Tecnopolo ed. MO 52, via P. Vivarelli 2

Calum Douglas B.Eng M.Sc

Consulting Mechanical Engineer

Calum E. Douglas started his careers as an aircraft welder, then left to study and graduated with Bachelors and Masters degrees from Oxford Brookes University under the tutelage of retired Chief Designer of Cosworth Geoff Goddard. He first worked for **Toyota** in Germany applying their F1 engine technology to production road car engines for Toyota headquarters in Japan. After returning to England three years later he worked for **Mercedes AMG**, **Jaguar** and **Red Bull Powertrains** on their new F1 engine for 2026 regulations.

He has published **three books** on the engineering history of high-performance piston engines, the first of which is now the accepted standard text on military piston aero-engine development between 1930 and 1945.

He now runs an engine design consultancy and is presently helping keep Rolls-Royce engines airworthy for a major British heritage aviation firm by applying current analysis practises to these 75 year old engines, which are still extremely complex machines.

