



SPECIAL SESSION

ENSURING PERFORMANCE AND SUSTAINABILITY: NDT IN RACING, OLYMPIC, AND LIGHTWEIGHT EQUIPMENT DESIGN

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OBJECTIVE AND TOPICS: The Special session will be focused on NDT methods, special NDT techniques and integrated diagnostic methods applied to the high performance sector such as motorsport and Olympic disciplines.

Areas of interest include, but are not limited to:

- NDT Support for Design, Development, and Predictive Maintenance
 - High-performance components (Critical functions, stress conditions and applications)
- Racing components (automotive, motorcycle, cycling, snow and ice racing, sailing and water sports, etc.)
- Olympic structures and equipment with athlete-focused design (adaptive solutions for performance, ergonomic comfort and safety)
 - NDT Applications in Innovative Manufacturing Processes for Sustainability
 - Eco-design
 - Structural optimization in lightweight components
 - Circular economy approaches (recyclability and reuse)

All the instructions for paper submission are included in the conference website: <https://www.ecndt2026.org>
