



Metrology for AeroSpace

PISA, ITALY / 22-24 JUNE, 2020

»»»» CALL For PAPERS ««««

For the special session on

UAV AND LIGHT AIRCRAFT GROUND DIAGNOSTIC, CAX METHODS FOCUSED FOR DESIGN, MANUFACTURING AND MAINTENANCE OF ULTRALIGHT AIRCRAFTS

TOPICS

- Design, manufacturing and maintenance of ultralight aircrafts
- Modeling and measurement of ultra-light aircrafts
- Optimization of ultra-light aircrafts construction
- CAX tools for quality assurance
- Reverse Engineering approach in small aviation
- Ultra-light aircrafts navigation systems
- Sensory flight support systems for ultra-light aircrafts
- Standards and legal norms regulating the movement of ultra-light aircrafts
- Quality measurement of part manufactured using Rapid Prototyping techniques for ultra-light aircrafts
- Tactile and contactless measurement methods of ultra-light aircrafts
- Flight safety
- Aerodynamics, ballistics and dynamics of aircraft
- Hovercraft (design, construction, research)
- Inter-Modal Fast Sea Transport
- Ecological Hovercrafts
- Airships (design, technologies)
- Screen layouts (application concepts, construction)
- Ground inspection before and after flight of ultra-light aircrafts
- General technical service of ultralight aircrafts

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