WHAT WE OFFER: services and expertise
- Engineering consultancy and technical support at any step of the design, manufacturing, and performance assessment of a device / machine / setup
- Access to characterization infrastructure and equipment with appropriate technical support

Electromechanical Design
- Design & creativity methodologies
- P&ID (AutoCAD)
- CAD of parts and assemblies (Solidworks, Inventor)
- Drafting & tolerancing

Mechanical Prototyping
- CNC machining & cutting
- Additive manufacturing
- Welding (TIG, MIG)
- Mounting, painting, sand blasting
- Metrology

Electrical & Control Prototyping
- NI LabView, Siemens SIMATIC, dSPACE, Texas Instruments DSPs
- Wide range of machine & process sensors
- PCB & electrical circuits

Advanced Testing Equipment
- Electrical & thermal motors test benches, power analyzer
- Combustion bench, drop tube furnace, gas analyzers
- Robotized towing tank, low speed wind tunnels
- PIV, high speed, thermal cameras
- Laser Doppler vibrometer
- ...

Fields of application
- Mechatronics & bio-robotics
- Thermal engines and combustion
- Electrical energy production and transformation
- Multibody systems & vehicle dynamics
- Fluid mechanics
- Process engineering
- ...

CONTACT
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Pictures credits: Yvan Flamant - Jacky Delorme

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