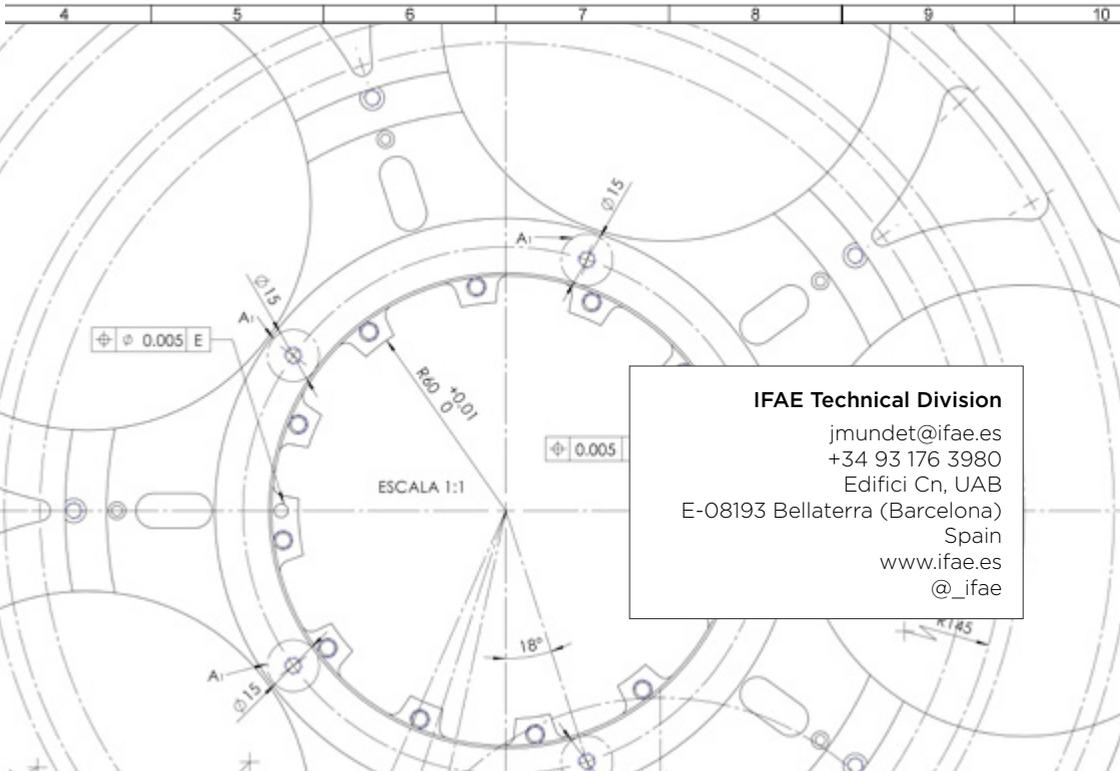


FROM PARTICLES TO THE COSMOS

# IFAE



## MECHANICAL ENGINEERING



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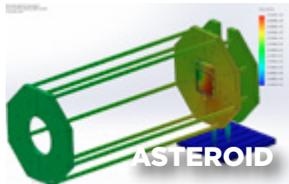
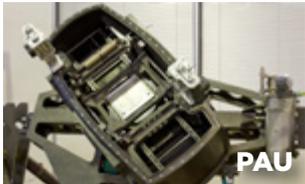


IFAE DEVELOPS **INNOVATIVE MECHANICAL ENGINEERING SOLUTIONS** THAT GO BEYOND TRADITIONAL ENGINEERING PROVIDERS

**Large Scale Projects**



**Optomechanics**



**Medical Devices**



**Testing**

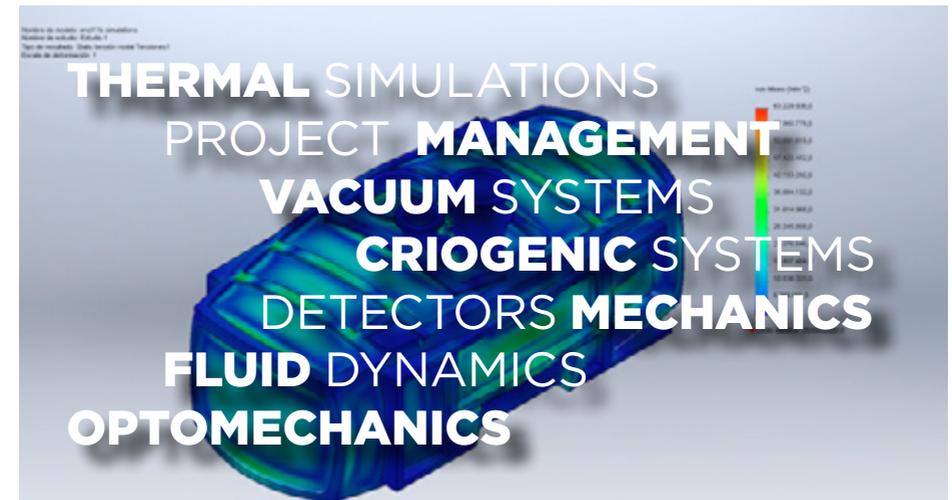


More information at [www.ifae.es](http://www.ifae.es)

IFAE **MECHANICAL ENGINEERING**

The IFAE mechanical engineering team can design, develop and validate complex systems, precision parts, vacuum, cryogenics or optomechanics assemblies.

We have been involved in various scientific projects such as telescopes, scientific instrumentation, detectors and satellites.



As we are always innovating, the depth and scope of our capabilities go beyond traditional engineering providers.

- Conducting research into feasibility, design, calculations, simulations, operation and performance of mechanisms, components and systems.
- Planning and managing projects, cost and timing estimates.
- Designing machines, components, tools, fixtures and equipment.
- Developing maintenance standards, FMEA, risk assessments, schedules.
- Selecting materials for product specifications in terms of durability, weight and safety.

The IFAE engineering team will be pleased to discuss your project, reach us by phone or email.

More information at [www.ifae.es](http://www.ifae.es)