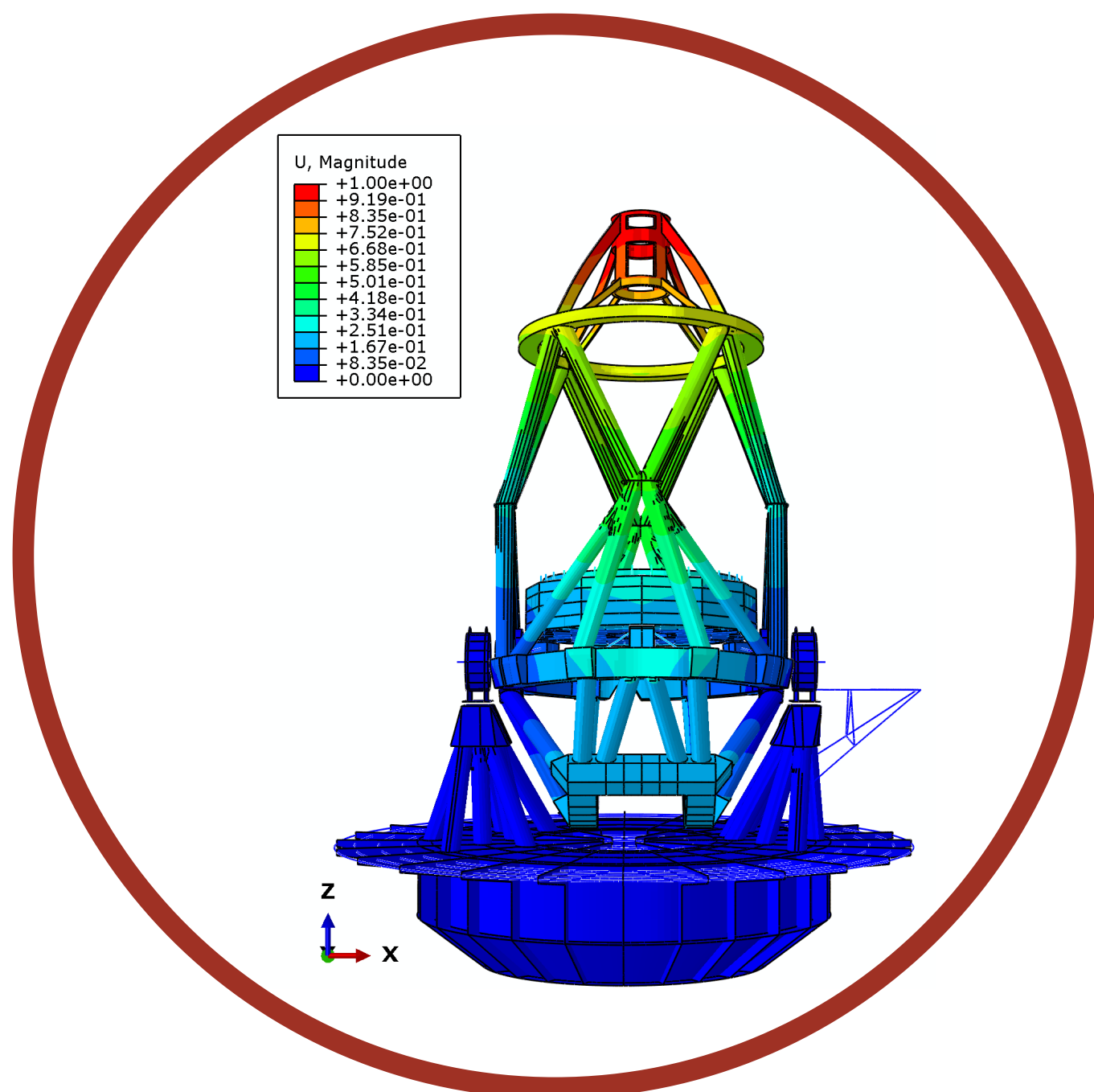


ESTEYCO MECHANICS

Highly qualified multidisciplinary team with a strong expertise in structural & mechanical engineering

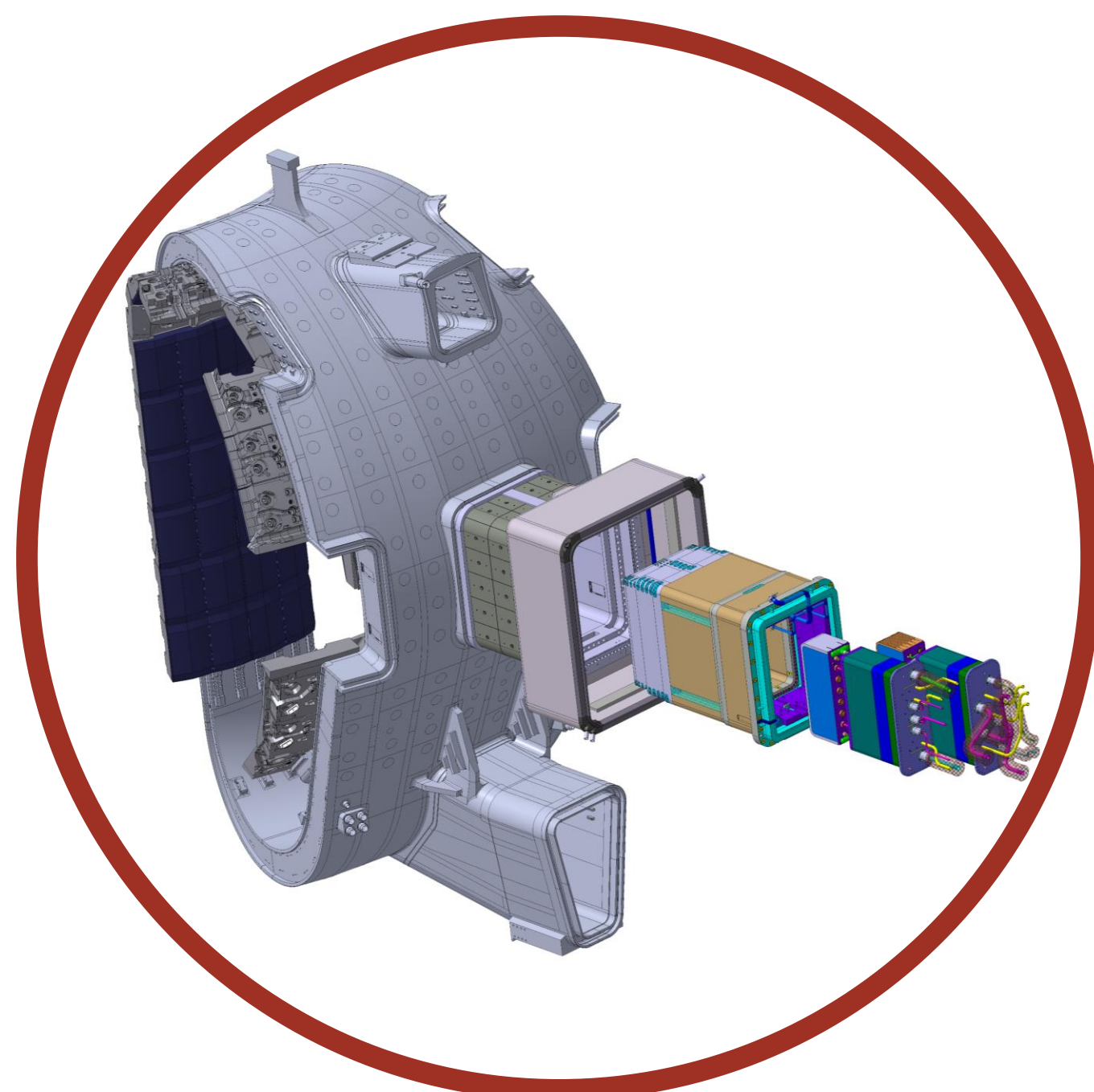


ESTEYCO
MECHANICS



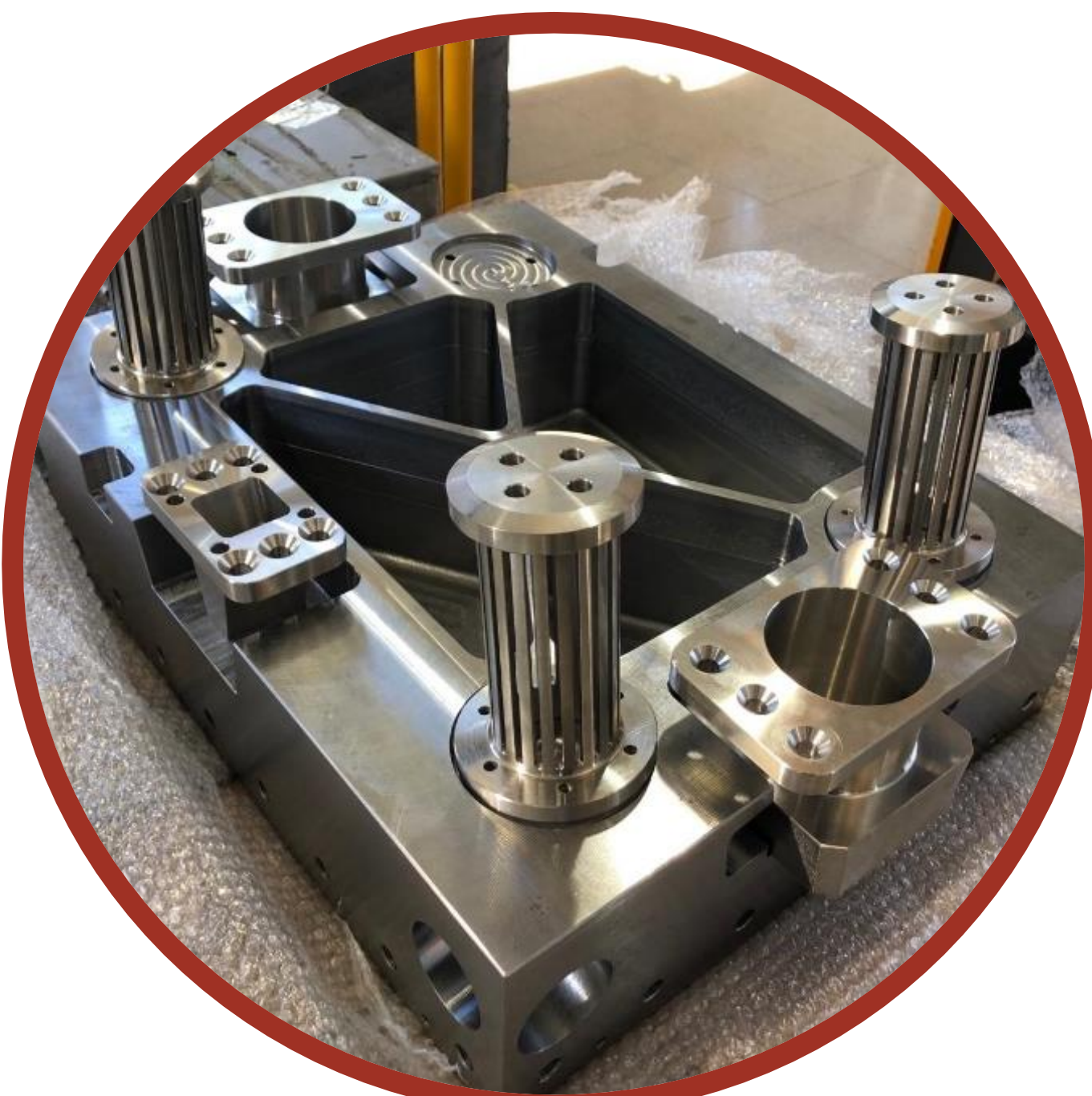
ANALYSIS

Expertise in advanced analysis capabilities using main commercial packages (Abaqus, Ansys), complemented by proprietary in-house tools as a key pillar in the design of complex structures and mechanical systems.



DESIGN

Expertise in mechanical and structural design through different stages of the design cycle (from pre-conceptual studies to manufacturing drawings). Always linked to SSCs with specific and stringent thermal and/or mechanical requirements.



PROTOTYPING

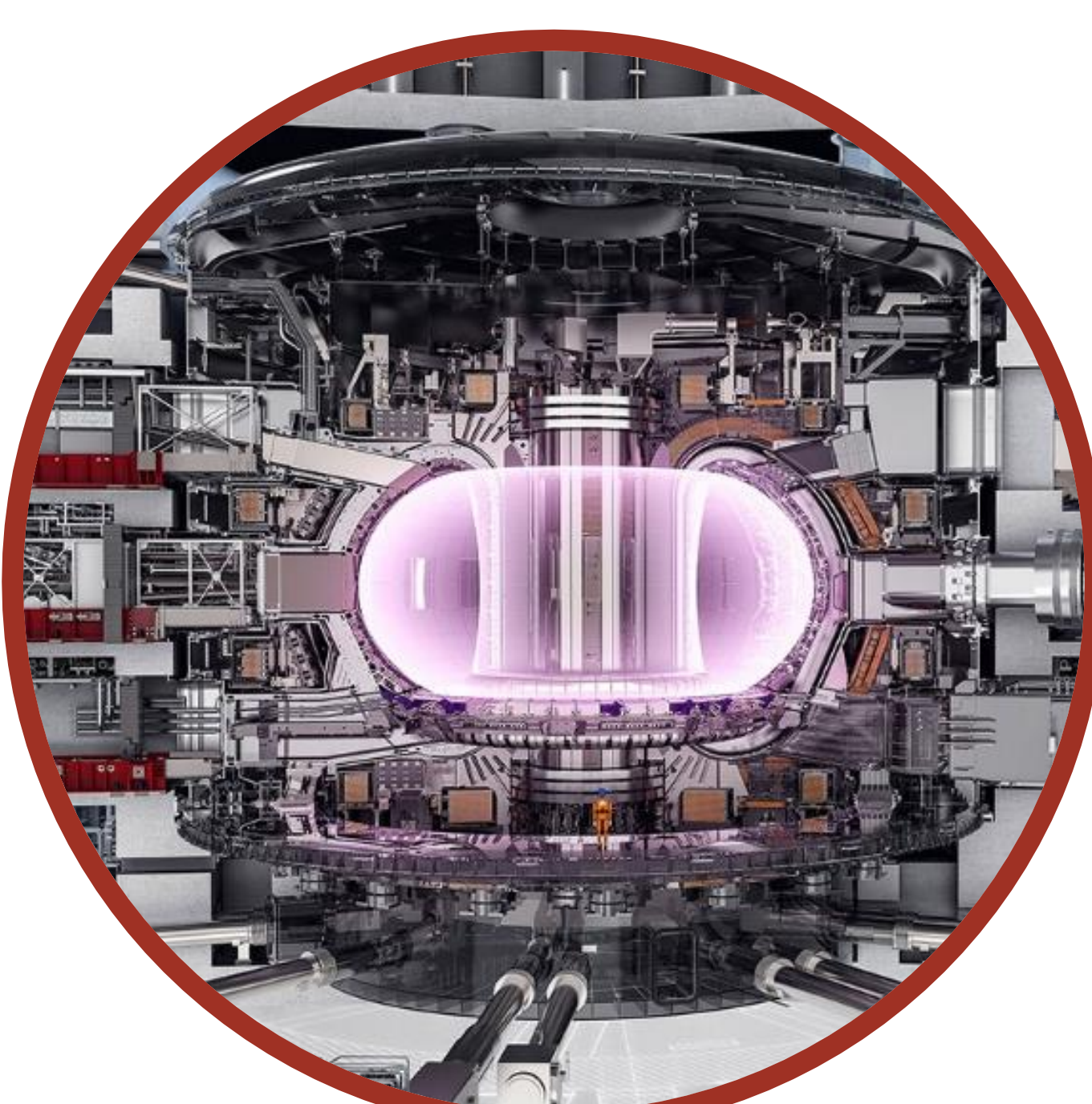
Capability for scaled or full-scale prototyping of SSCs fully integrated with the design cycle. Needed for testing and/or proof-of-concept studies. Significant advantages when fully coupled with design activities: agility, risk mitigation and cost reduction.



TESTING

Expertise in testing SSCs for a variety of purposes as a key element to offer an integrated service for the successful development of complex SSCs. Testing of SSCs is the best (and sometimes only) way to:

- Confirm the suitability of a design to comply with RQs.
- Obtain relevant information on the SSC response to improve the design.
- Provide evidence to others.



MONITORING

Continuous record and in-depth analysis of an SSC (thermo-mechanical) response during its lifetime is undoubtedly the best way to:

- Understand how complex systems behave.
- Keep levels of safety.
- Obtain relevant data from normal (and accidental) conditions.
- Maintain investments.
- Improve designs in the future.