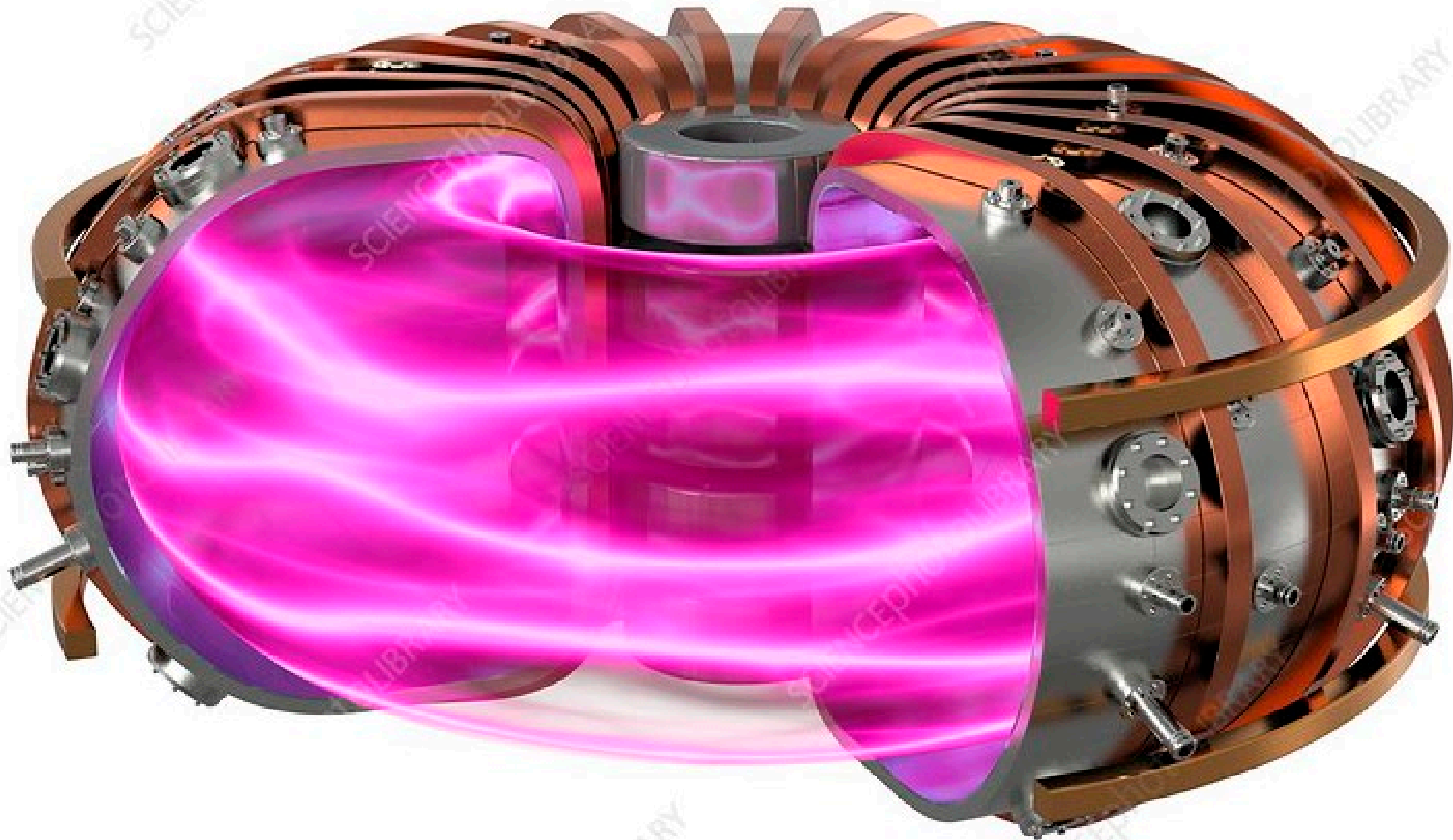




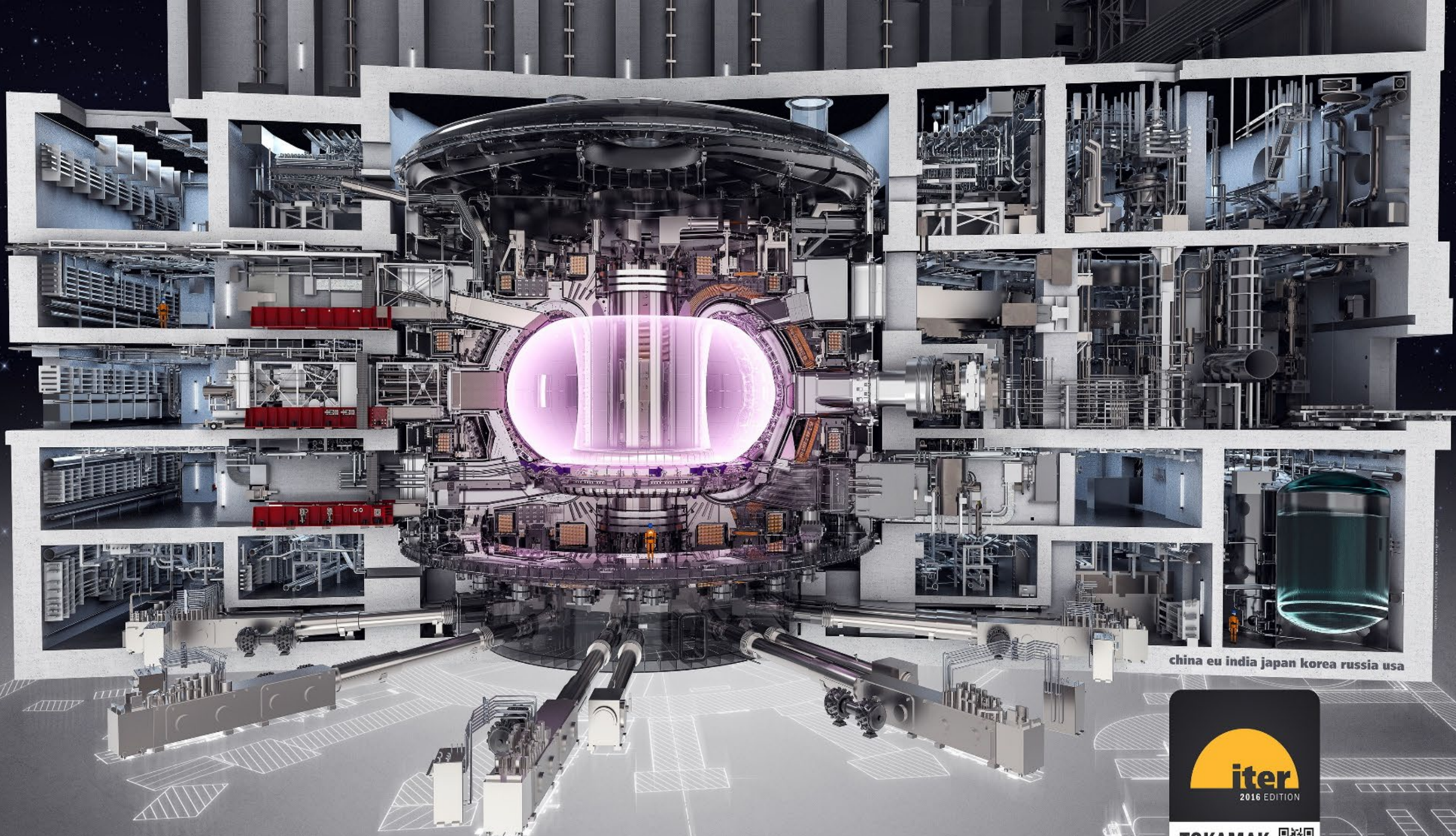
# DIFFER

Dutch Institute for  
Fundamental Energy Research





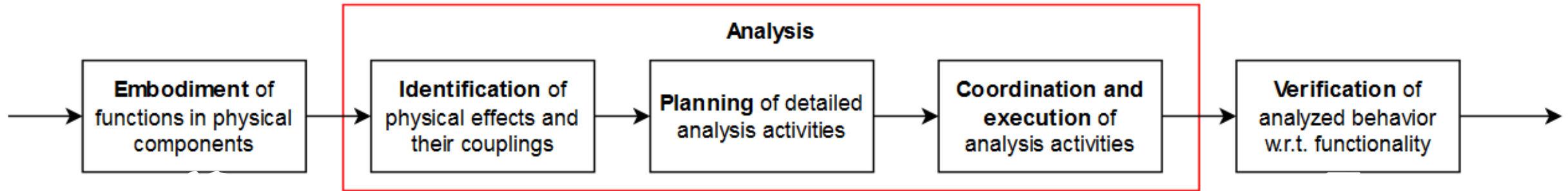




china eu india japan korea russia usa

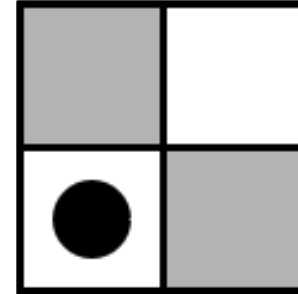






Plasma

Mirror

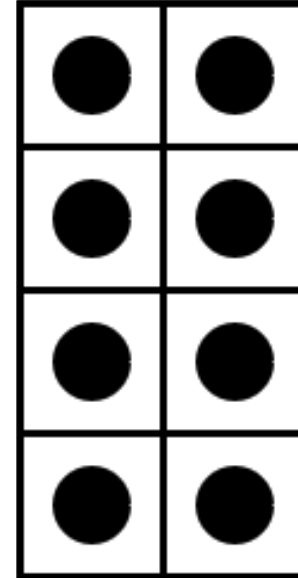


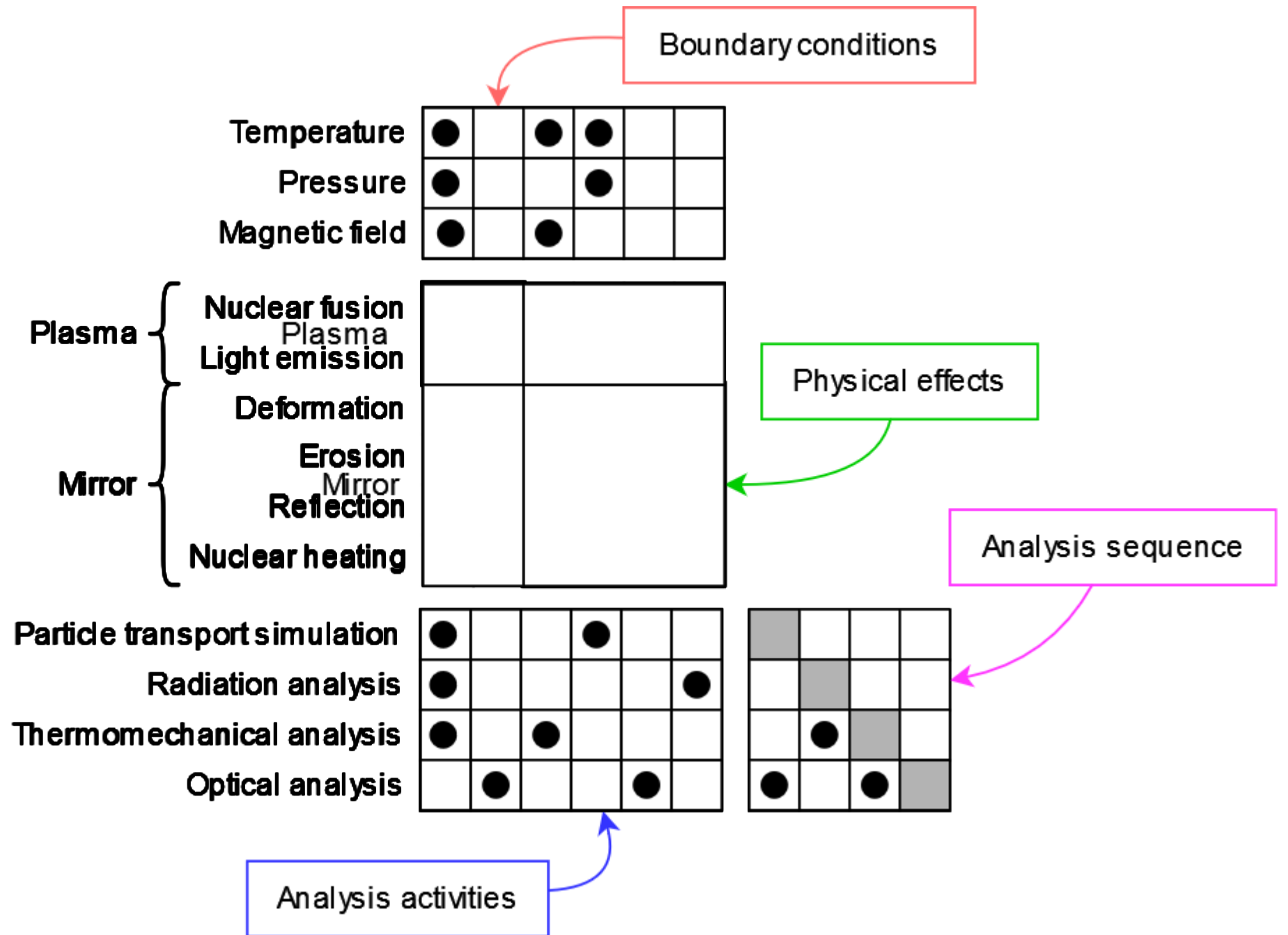
Particle transport simulation

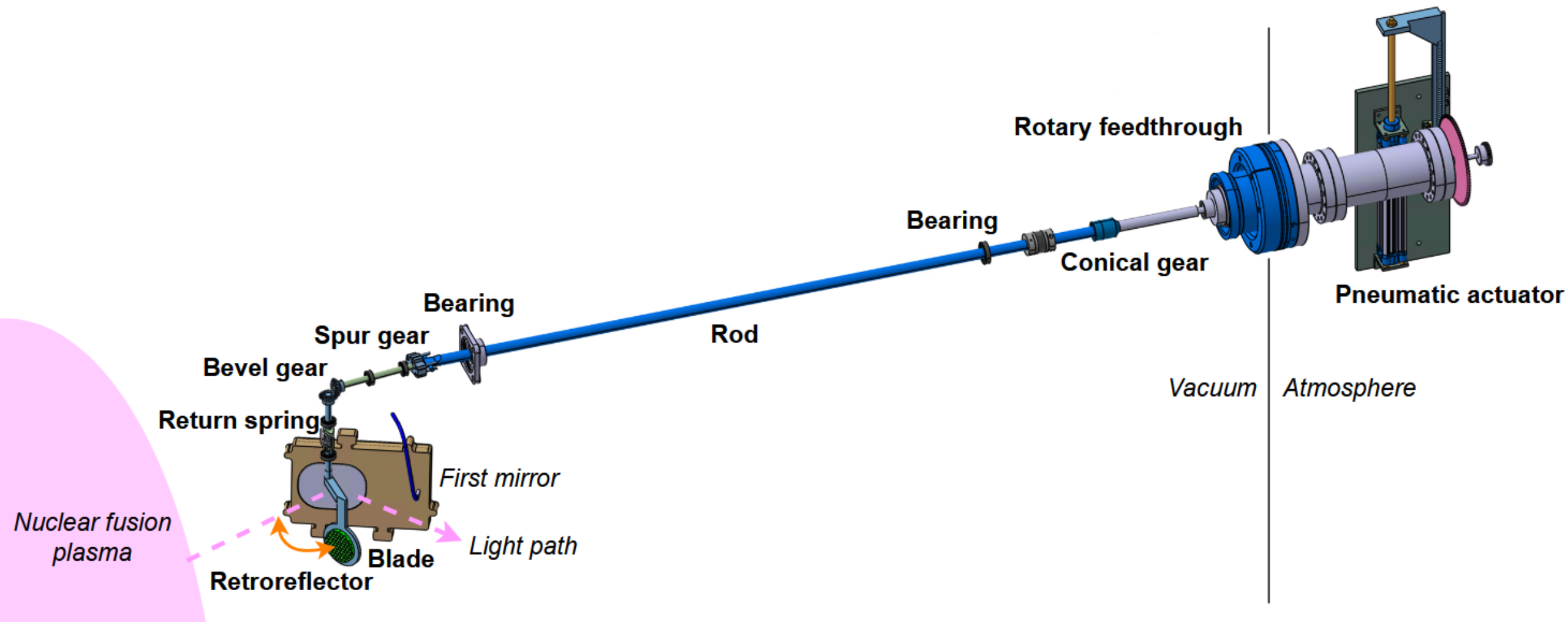
Radiation analysis

Thermomechanical analysis

Optical analysis

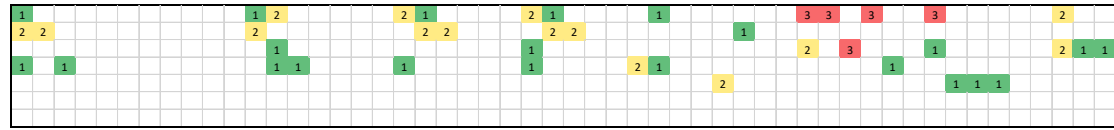




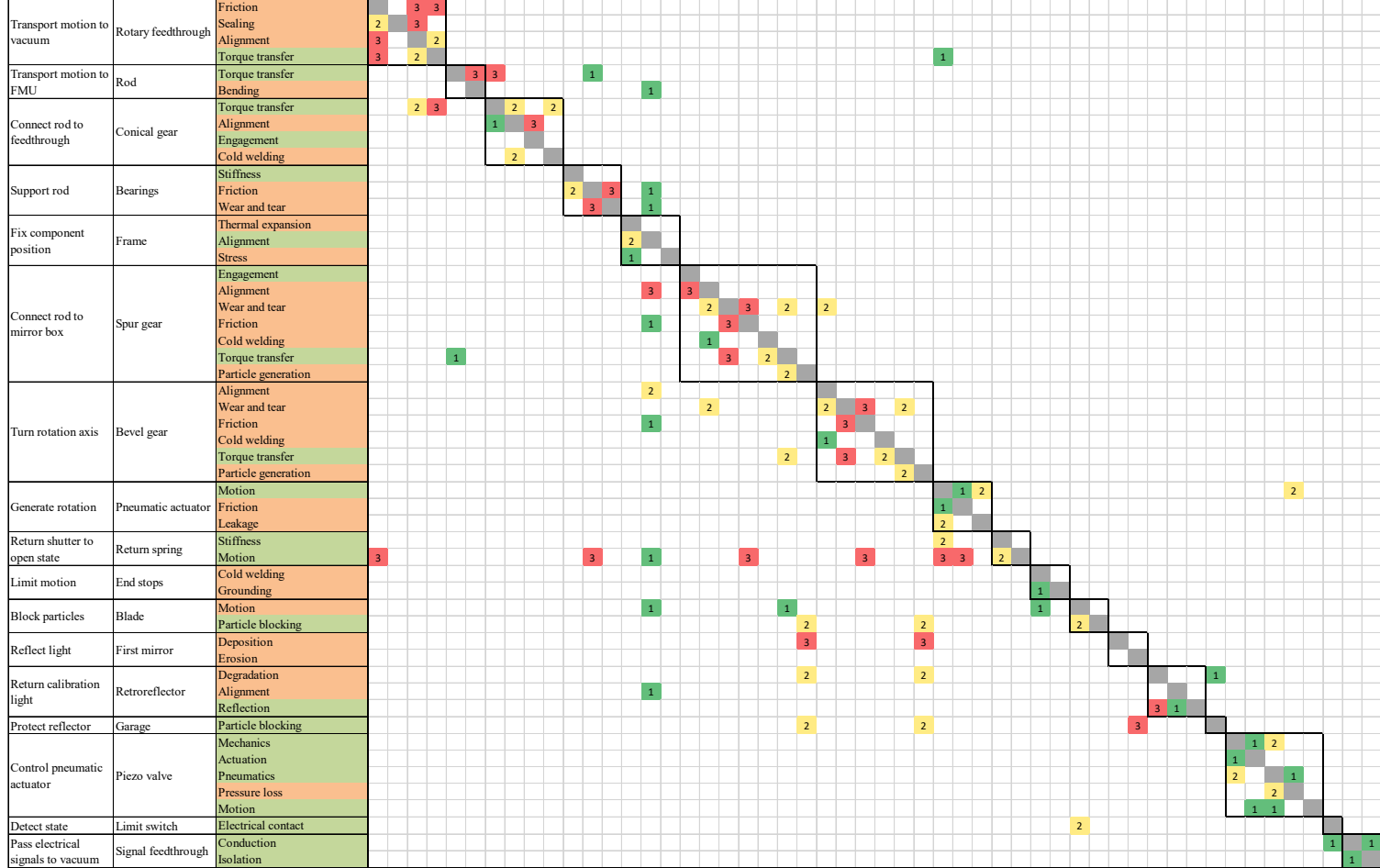


# ENVIRONMENT

Dust  
Vacuum  
Cleaning plasma  
Temperature  
Mechanical loads  
Radiation  
Magnetic field

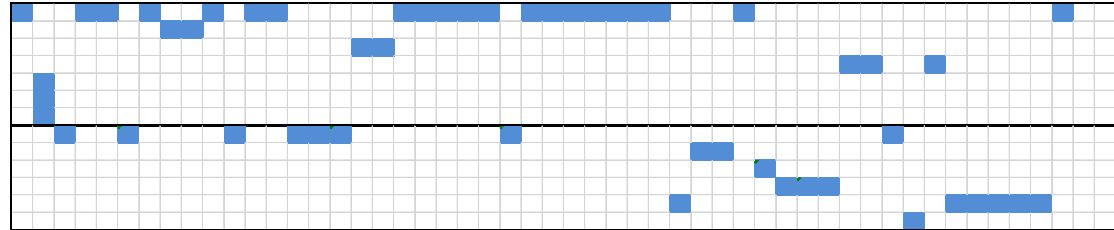


## FUNCTION COMPONENT PHYSICAL EFFECT

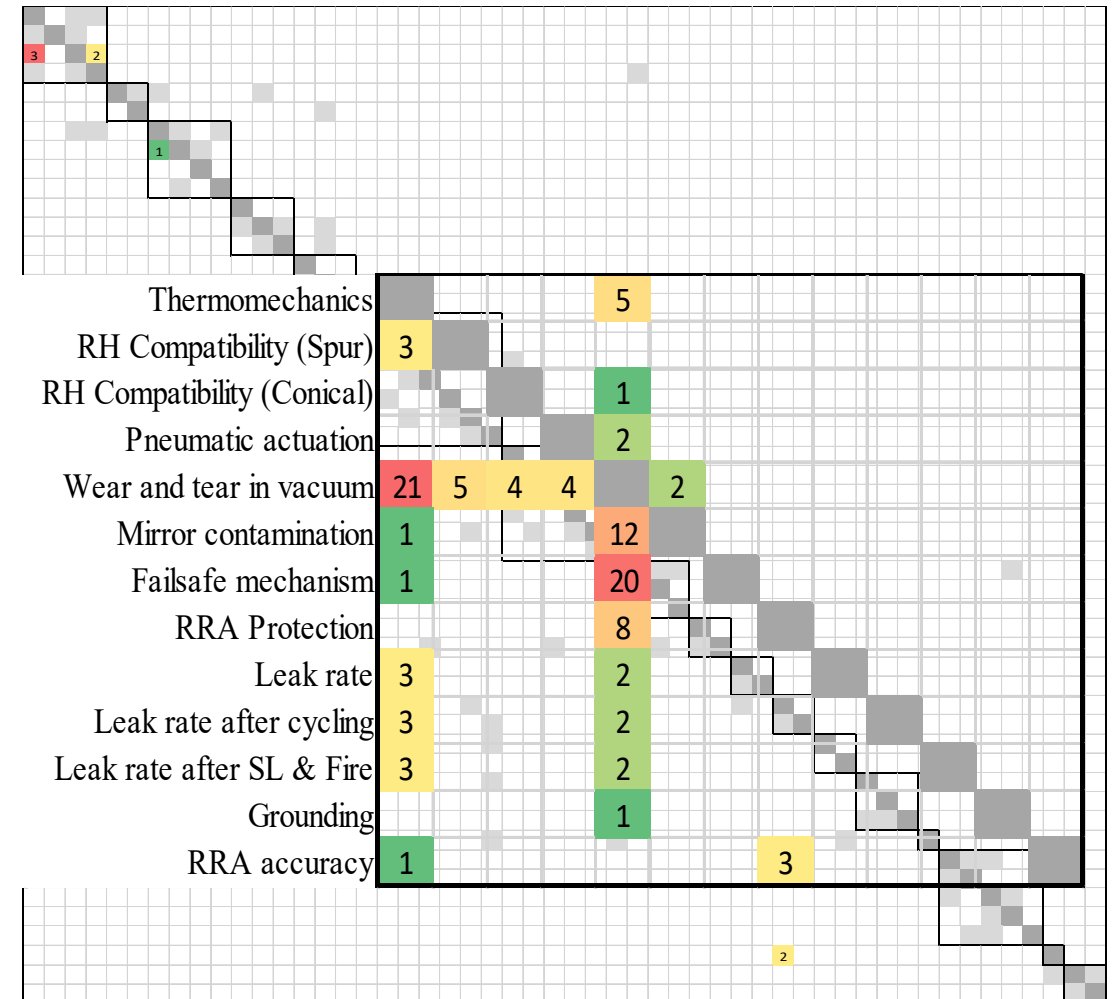
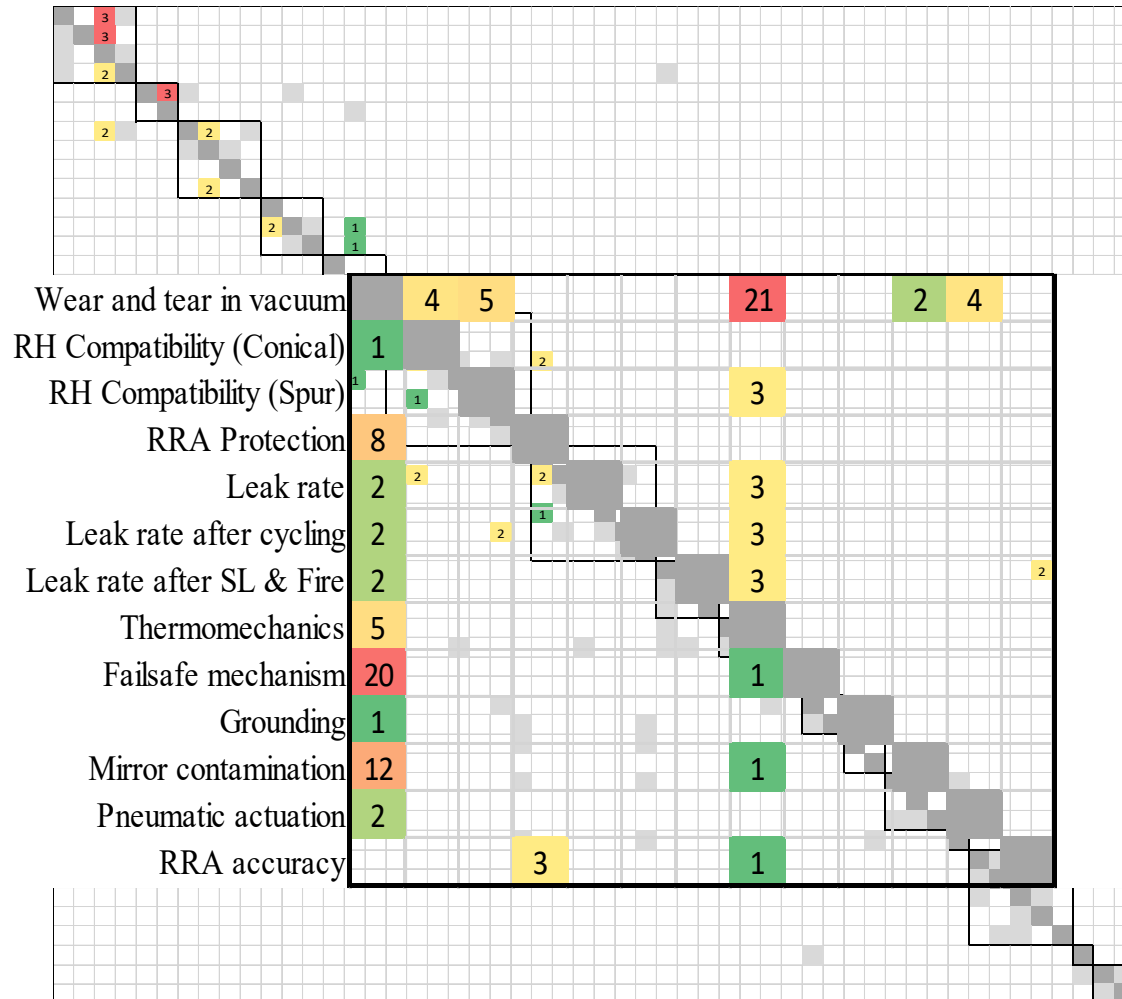


## ACTIVITIES

Wear and tear in vacuum  
RH Compatibility (Conical)  
RH Compatibility (Spur)  
RRA Protection  
Leak rate  
Leak rate after cycling  
Leak rate after SL & Fire  
Thermomechanics  
Failsafe mechanism  
Grounding  
Mirror contamination  
Pneumatic actuation  
RRA accuracy









Simple design  
Simple analysis

# From Physics to Project Management

## A Multi-Domain Matrix Model for the Distributed Analysis of Nuclear Fusion Systems

Torben Beernaert, Ad Verlaan, Pascal Etman, Peter Giesen, Erik van Beekum, Mariana Ribeiro, Ines Bola, Lucas Moser, Maarten de Bock, Ivo Classen, Marco de Baar

