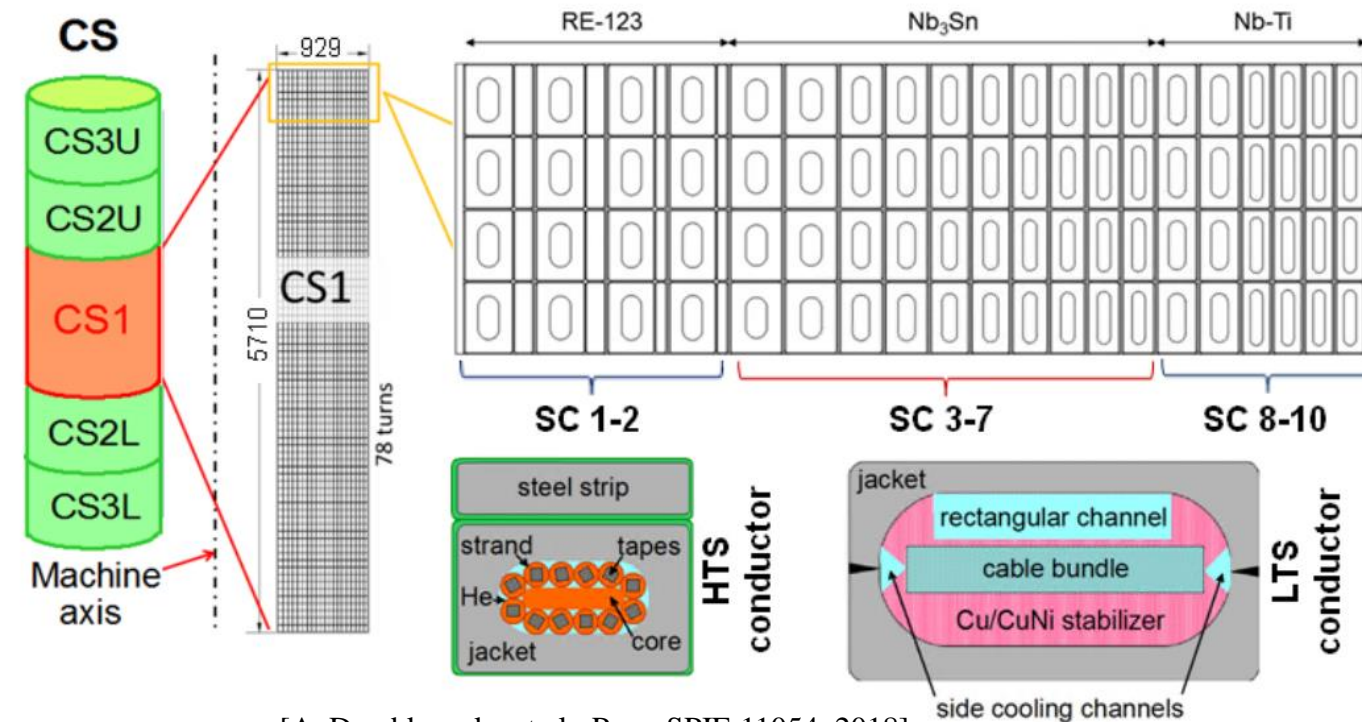


HTS (+ LTS) magnet modelling



[A. Dembkowska et al., Proc. SPIE 11054, 2018]

In collaboration with

- Problem: Hybrid (HTS+LTS) magnets are being proposed for the EU DEMO CS coil
- Aim of the work:
 - a) Implementation of the hybrid CS coil electro/thermal-hydraulic model
 - b) Simulations of plasma burn/quench propagation
- Prerequisites: general knowledge of the SPC HTS CICC and of the quench propagation in a superconducting magnet