

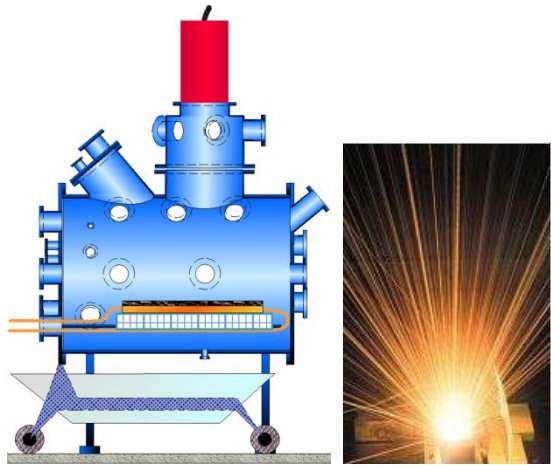


Integral concept on plasma facing materials in nuclear environment at FZJ

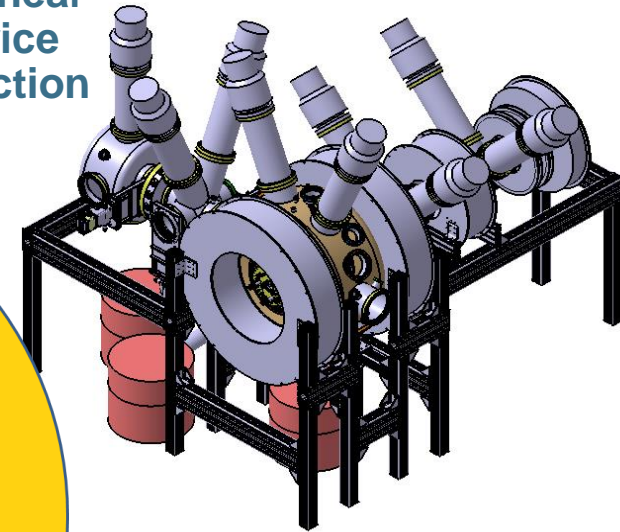


- Development and integrated characterization of thermo-mechanical and physical-chemical properties of neutron irradiated and toxic plasma facing materials under high heat loads and plasma exposure
- Focus on material optimization for plasma-material interaction processes (tritium retention, embrittlement, erosion)

JUDITH
electron beam facilities
for high heat loads



**JULE-PSI linear
plasma device**
(in construction
for HML)



PSI-2 linear plasma device
(operational outside HML)

