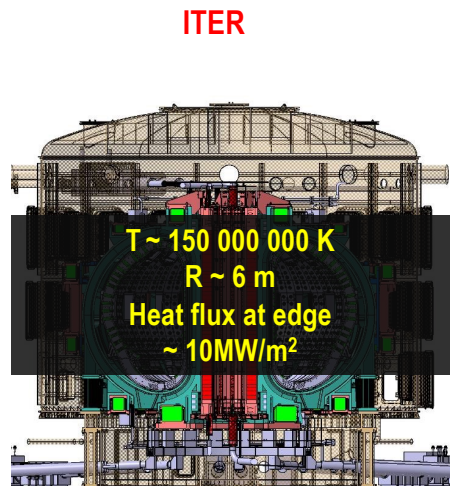
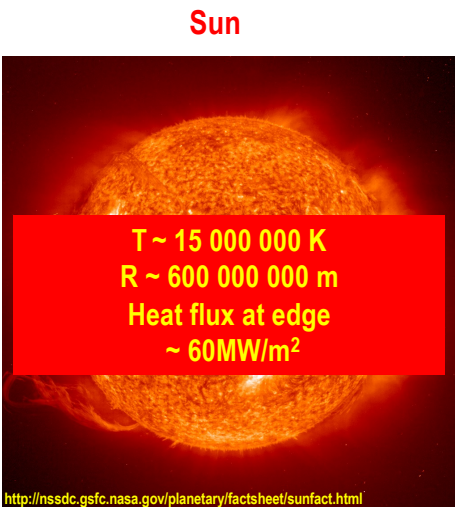


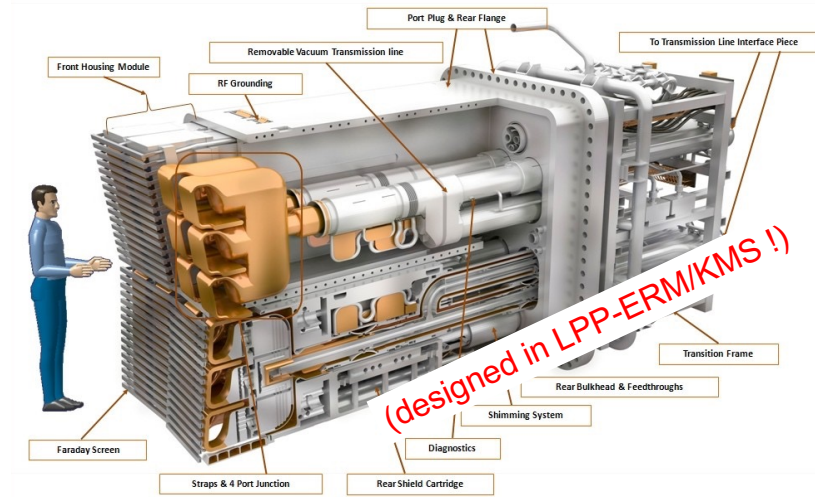
slide 83

ITER: a true mini sun, in many aspects

83



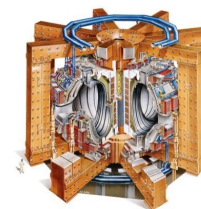
slide 82 The ITER ICRH heating antenna under construction



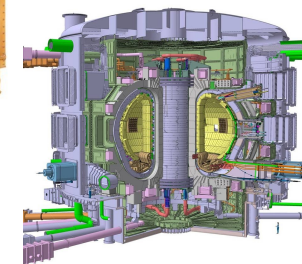
= 10 000 microwave ovens in 2m² (~ 10MW in 2m²)

EU fusion reactor development plans

slide 84

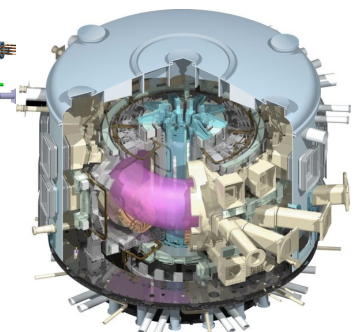


JET
 (now) EU
 16 MW in 1997
 60 MJ in 2021
 Target reached !
 $Q=1$



ITER (2020s)
 EU, Japan, USA, Russia,
 China, S. Korea, India
 500 MW

Target:
 $Q=10$



DEMO
 (2050 onwards?)
 2000 MW_{th}

Target: net electrical power
 $Q=30-50$

A conventional power plant but with a different “furnace”

