

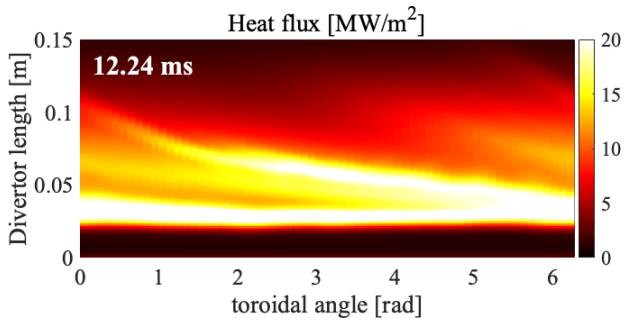
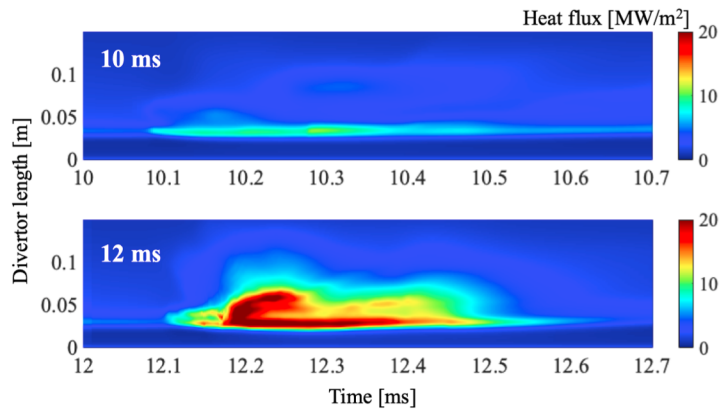
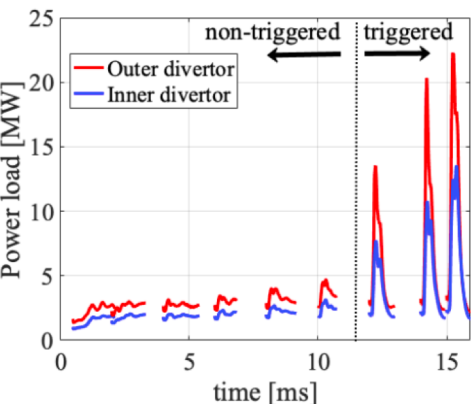
# Non-linear MHD modelling of pellet triggered ELM in JT-60SA



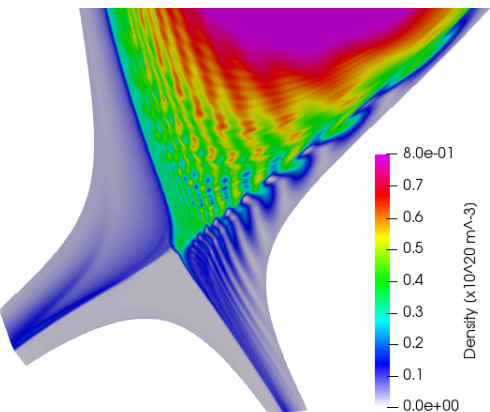
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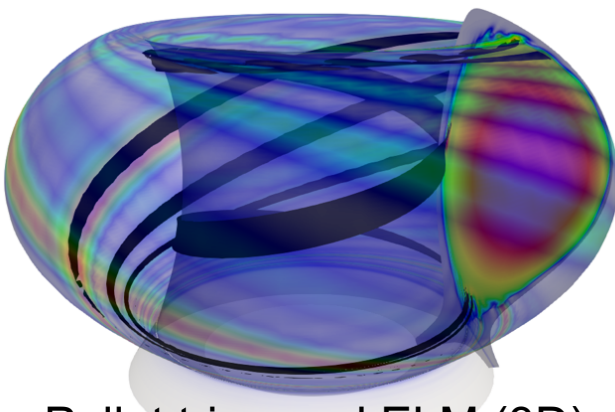
- Experimentally observed “lag-time” of ASDEX plasma is reproduced by JOEAK simulation.
- Toroidal asymmetry of the heat flux profile is observed.



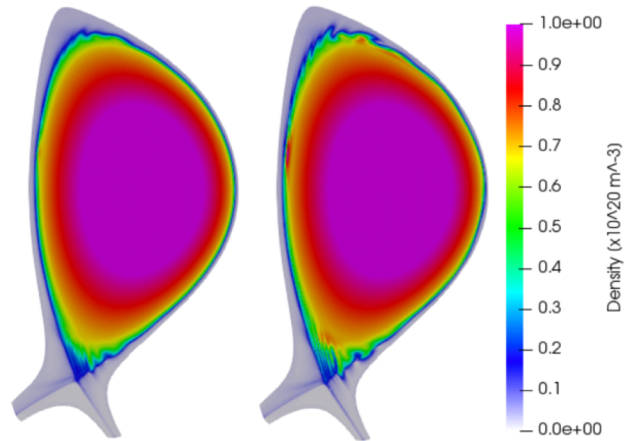
- Non-linear MHD simulations of spontaneous ELM and pellet triggered ELMs in JT-60SA have been performed.



Spontaneous ELM



Pellet triggered ELM (3D)



Pellet triggered ELMs