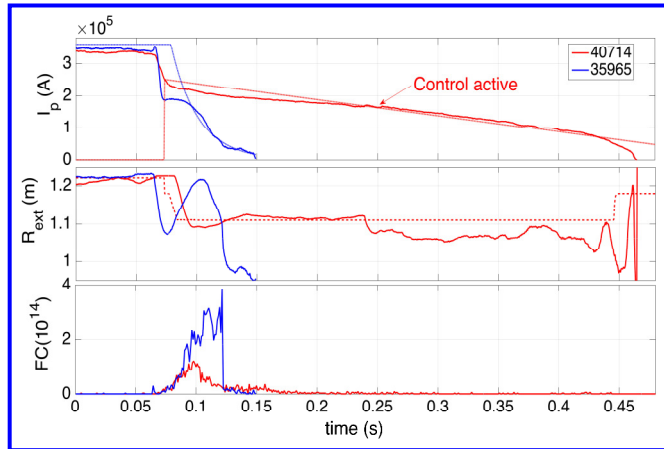


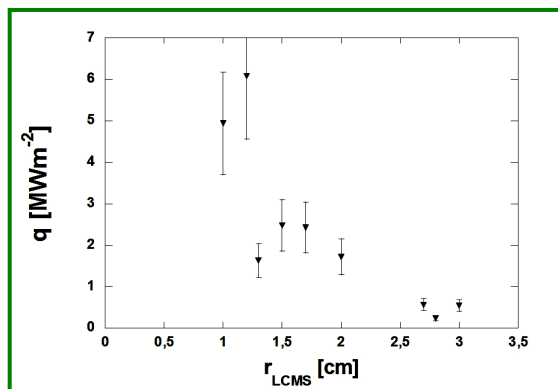
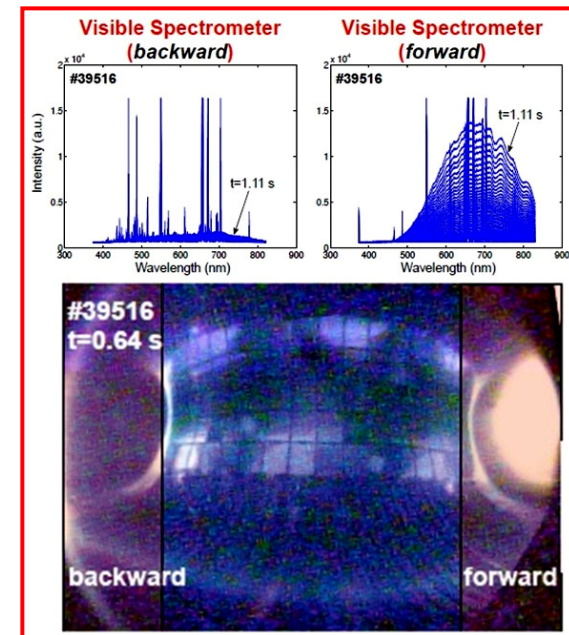
Overview of the FTU Results, G. Pucella et al. (OV/P-4)



□ A new runaway electrons (RE) control algorithm for real-time control of post-disruption RE beam has been tested, in order to minimize the interaction with plasma facing components while RE current is ramped-down by induction.

□ Fission chambers signals show reduced plasma facing components interaction with the new controller.

□ A new diagnostic has been developed specifically to analyze the synchrotron radiation from in-flight RE, allowing to provide simultaneously the image and the visible/infrared spectrum of the forward and backward radiation.



□ Heat loads up to 5 MW/m² has been measured on the Liquid Lithium Limiter with no damage.

□ A new actively Cooled Lithium Limiter that will enable sustaining up to 10 MW/m² has been realized and implemented for the next experimental campaigns.