Runaway electron experiments at COMPASS tokamak

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- The COMPASS tokamak (R=0.56m, a=0.23m, ITER-like shape) contributed to studies of runaway electron (RE) confinement both in plasmas and in post-disruption RE beams, including benchmarking of the RE models.
- Recent experiments focused on RE losses due to MHD events. A clear correlation between magnetic field perturbations and hard X-ray intensity fluctuation was observed at different frequencies, see **EX/P6-34**.
- The figures show different phases of the post-disruptive RE beam formation in COMPASS. A clear filamentary structure following the current quench also underlines the key role of the MHD phenomena.