EX/P6-26: Disruption Event Characterization and Forecasting (DECAF) advances toward disruption prediction

- Automated identification of physical events providing disruption warning
- Early forecasting with time for disruption avoidance
- Multi-tokamak analysis of large databases begun

Automated Disruption Event Chain

- MHD warnings
  - MHD-n1 (0.490s)
  - BIF-n1 (+0.005s)
  - LTM-n1 (+0.045s)
  - PRP (+0.068s)
  - IPR (+0.073s)
  - WPC (+0.073s)
  - DIS (+0.077s)
  - VDE (+0.080s)

H-L back-transition

Off-normal plasma