

▶ interests and started analyses

- top-mass measurements in the $t\bar{t}$ lepton+jets channel
- $\sigma_{t\bar{t}}$ measurement in the lepton+jets channel
- commissioning with top physics
- Higgs search in the $t\bar{t}H$ channel
- top-charge measurements (Bratislava)

▶ present (and future) expertise at MPI

- Inner Detector: alignment; (vertexing)
- Calorimeters: HEC simulation; clustering; hadronic calibration; noise suppression
- Muon Spectrometer: simulation; muon tracking; MDT calibration
- General Reconstruction Tools: topo clusters; b-tagging; (τ -reconstruction); (forward jets)