

# SRS zero-suppression round table

**Objective:** Implement soft/firmware with zero-suppressed feature

## **Motivation:**

For the CMS GEM collaboration zero suppression is important feature; SRS is used for the detector gain uniformity (with x-rays), advantages of zero-suppressed data:

- Lighter raw data files (compatible with DB)
- Less usage of bandwidth (detector fully readout)
- Analysis script is computationally less severe
- Quicker uniformity test (extremely useful in view of CMS mass production)

## **Strategy:**

Define what is existing, what is needed and evaluate timescale and necessary effort