

- The stability workshop showed there is a great interest in further studies on MPGD stability
- MPGDs are well established technology used since >20 years

- But we are reaching new extremes:
 - Gain
 - Size
 - Rates

- R&D in several fields is ongoing but also needed:
 - Physics (primary sparks, secondaries, theoretical models)
 - Detector limits (GEM, THGEM, MM, uRWELL + gases)
 - How to mitigate/protect (**R**), what kills us?
 - New measurement techniques (antennas, 1Mfps cameras)
 - New structures (streamer-less detectors, embedded R)
 - Large-areas!
 - Measurements, development and simulations/modeling should go in parallel

- Would be good that the momentum we have stays constant or even increases further
- Exchange of know-how, experience, results should continue
 - Workshops
 - Vidyo Meetings
- New contributions!
 - Measurements
 - Simulations

- Discharge task force?
- Discharge Consorcium?

- Discharge task force?
- **DIS**charge **CO**nsortium – DISCO!

- Start with e-mail list, organizational details comes later
- Write down the “shopping list”
- Distribute tasks
- Quench discharges.

Mailing List

Name: discharge-consortium

Topic: RD51

- discharge-consortium@cern.ch
- disco-users@cern.ch

Open to CERN users

In case of troubles, write: p.gasik@cern.ch