

- This is a brief list / contents of *possible RHIG Yale team contributions in the Yellow Report document and corresponding R&D activities.*
- 1. “General” discussions and conclusion on the topics: “TPC is a main tracker in the EIC detector”. We were involved in 3 different experiments where TPC was constructed and utilized, including “high rate” option, and we can share our knowledge and experience
- 2. TPC gas gain and readout structures on the base of MPGDs including comprehensive tests and calibration in the “frame” of {Energy resolution (dE/dX) – IBF – Stability}.
- 3. TPC “working” gas options.
- 4. Small R&D setups, “preproduction” and mass-production TPC modules construction and test, including test beam activities.
- We can prepare detail report(s) for all these points – the best: in a collaboration with BNL team.