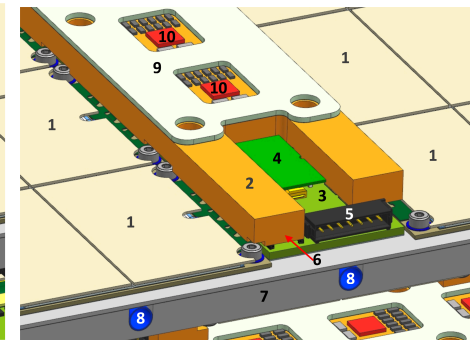
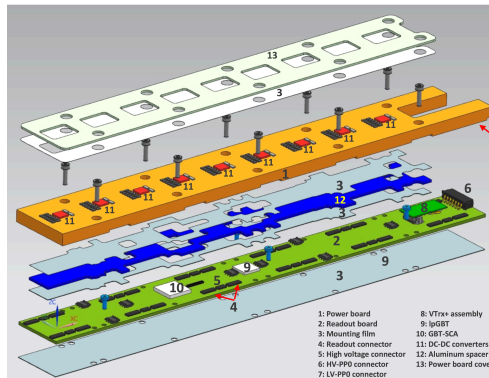


# Rice University

- 1) **Group:** 2 faculty (Frank Geurts, Wei Li), 2 postdocs, 4 student, 1-2 engineers on STAR and CMS heavy ion physics
- 2) **EIC project interests:** TOF, 4-D tracker
- 3) **Specific areas of interest:**
  - Sensor R&D, testing (part of BNL eRD29, eRD24 efforts)
    - Ultra-thin sensors of 20-25  $\mu\text{m}$
    - New types of LGADs (AC, TI) for finer pitch size
  - Front-end electronics (not ASIC)
    - Developing service hybrid electronics (power and readout) for CMS timing layer



- 1: AIN module cover
- 2: Power board
- 3: Readout board
- 4: VTR+
- 5: HV-PP0 connector
- 6: LV-PP0 connector
- 7: Support disk
- 8: CO<sub>2</sub> cooling tube
- 9: Power board cover
- 10: DC-DC converters

- 3) **Equipment available:** electronic labs with engineers