

SEMATECH EUV Resist Outgassing

➤ University of Wisconsin

- Measure EUV resist outgassing using synchrotron source (same experimental set up as Intel)
- Collect outgassing material via desorption tubes
- Desorption tubes analyzed by independent laboratory
- Will investigate resist deposition on SiN window
- Project has started, measured Apex E, PMMA, one commercial resist
- Apex E showed CO₂ and isobutene (similar to Intel's results, SPIE, 2004)

