

## Things that Worked

- ▷ THz pulse generation ~ 3 MV/m  
(with reasonable effort)
- ▷ Overlap of e<sup>-</sup> & THz pulse
- ▷ Fabrication of structures
- ▷ Radiation hardness of structures
- ▷ Electron detection
- ▷ Beam setup & operations support
- ▷ In-vacuum Schottky diode

# Things that took time

- ▷ Beam setup
- ▷ Overlap (scans)
- ▷ Fabrication of structures

# Things to Improve

- ▷ Data acquisition
- ▷ Resolution of the camera
- ▷ Synchronization e<sup>-</sup> beam & laser ✓
- ▷ Transverse beam profile  
and emittance
- ▷ Size of the laser spot on the photocathode
- ▷ Opening slit of the SRR structure  
(presently about  $2/50$ )