

*** *RF absorbing materials***

- * RF absorber studies at Cornell, part 1 (V. Shemelin, 20 min)**
- * RF absorber studies at Cornell, including DC conductivity, part 2 (E. Chojnacki, 20 min)**
- * RF absorber studies at KEK (M. Sawamura, 20 min)**
- * Measurements of absorber materials from room temperature to 2K (F. Marhauser, 20 min)**
- * Discussion: HOM absorbing materials (all, 40 min)**

* RF absorbing materials

- * Room temperature and cryogenic material complex μ & ϵ s (temperature dependence of absorption) of various dissipative materials vs. frequency (ferrites, ceramic with carbon, CNT...)
- * DC conductivity of dissipative materials and its temperature dependence
- * Mechanical and thermal properties of dissipative materials
- * Vacuum properties of dissipative materials
- * Coatings and other methods to avoid electrostatic charging of dissipative materials
- * Fabrication of dissipative materials and reliability of achieving specs
- * Fabrication cost of different dissipative materials