

## 15th Workshop on Breakdown Science and High Gradient Technology (HG2023)



Contribution ID: 39

Type: **Oral**

### Recent RF activities on high gradient technology at SSRF

*Tuesday, 17 October 2023 10:00 (20 minutes)*

In the past ten years, the high gradient technology team of SSRF has been working on the research of high gradient RF structures. Here will give some results of the recent RF activities, including dual-mode variable polarization deflector, cold electron guns and accelerating structures. In the mean time, the X-band deflecting structures that have been successfully used on SXFEL will also continue to be applied to SHINE, and some of them have been manufactured and tuned in preparation for high power testing in the near future.

**Primary author:** TAN, Jianhao (Shanghai Advanced Research Institute)

**Presenter:** TAN, Jianhao (Shanghai Advanced Research Institute)

**Session Classification:** Morning session