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## US contribution to SPS Crab Cavity Prototypes and Lessons Learned

*Wednesday 19 June 2019 15:45 (30 minutes)*

Short history of the US-LARP contributions to HL-LHC

Issues with conformity

Cavity performance overview (DQW/RFD) - 2015-2017 Cavity+HOMs results & lessons learned (DQW/RFD)  
- 2017-19

Mitigations and future prospects of the US-LARP cavities including testing at Uppsala and EP at KEK

Status of documentation

**Presenter:** RATTI, Alessandro (SLAC National Accelerator Laboratory (US))

**Session Classification:** SPS Experience