

# International Workshop on Breakdown Science and High Gradient Technology (HG2021)

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## Update on CERN X-band activities

*Monday, 19 April 2021 08:00 (30 minutes)*

After many years, the high gradient programme at CERN, mainly using X-band accelerating structures is now consolidated. The required high gradient and breakdown rate for the CLIC machine is now consistently achieved and our efforts turn to manufacturability, industrialization and the integration of a full module including its power source. CERN is collaborating hand in hand with partner institutions in what is now a global network. We give an update of the activities going on at CERN as well as the new initiatives to come.

### Summary

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**Session Classification:** Session 1