

Session Program

16-19 May 2022

**International Workshop on Breakdown
Science and High Gradient Technology
(HG2022)**

Breakdown and HG Structure

Wednesday 18 May

17:10

Breakdown and HG Structure: WED-2

Session | Location: | Convener: John Power

17:10–17:30 **Monte Carlo Model of High-Gradient Conditioning and Operation**

Speaker

Lee Millar

17:30–17:50 **Ab-initio Cu alloy design for high-gradient accelerating structures**

Speaker

Gaoxue Wang

17:50–18:10

Development of e-beam welding for high gradient accelerating structures

Speaker

Paul Carriere

18:10–18:30

Cryogenic Brightness-Optimized Radiofrequency Gun

Speaker

Gerard Lawler

18:30–18:50

Millimeter and Submillimeter Wave Accelerating Structures Fed by High-Power Ultra-Short Pulses

Speaker

Sergey Kuzikov

18:50