

Session Program

21 May 2021

**2nd Townhall Meeting High Gradient
Accelerator Plasma/Laser**

Beam shape, quality, diagnostics

Friday 21 May

09:10

Beam shape, quality, diagnostics: All talks 10' + 5'

Session | **Location:** | **Conveners:** Simon Hooker, Dr Kevin Cassou

09:10–09:20

Ultra-low emittance round beams with multi-pulse ionization injection schemes

Speaker

Paolo Tomassini

09:25–09:35

Polarized particle beams from laser-plasma accelerators

Speaker

Markus Büscher

09:40–09:50

Coherent transition radiation-based emittance diagnostics

Speaker

Max LaBerge

09:55–10:05

Optical probe of energy dissipation from e-beam driven plasma wakes

Speaker

Rafal Zgadzaj

10:10–10:20

Strong electron beam focusing with passive, underdense plasma lenses

Speaker

Christopher Doss

10:25