

**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