

**Session Program**

**31 May 2021**

**3rd Townhall Meeting High Gradient  
Accelerator Plasma/Laser**

***Simulations***

# Monday 31 May

14:45

## Simulations: All talks 10' + 5'

Session | Location: | Conveners: Jorge Vieira, Phi Nghiem

14:45-14:55

### Multi-physics simulations and plasma accelerators

**Speaker**

Maxence Thevenet

15:00-15:10

### The importance of software engineering for PIC simulations

**Speaker**

Arnaud Beck

15:15-15:25

### OSIRIS 2030: Strategy for future plasma-based acceleration modeling

**Speaker**

Ricardo Fonseca

15:30-15:40

### Open-source simulation ecosystem for laptop to Exascale modeling of high-gradient accelerators

**Speaker**

Jean-Luc Vay

15:45