



# Accelerator Performance and Concept Workshop

## Wednesday 12 December 2018

### Reliability and Availability of Particle Accelerators (08:30-10:30)

**-Conveners: rossano giachino**

time	[id] title	presenter
08:30	[25] Availability in particle accelerators for research. How to break through the limits	Mr GIACHINO, rossano
09:00	[26] Towards a common terminology and concepts (summary from 5 years of reliability engineering of CERN and common work with the ARW community)	Dr APOLLONIO, Andrea
09:30	[27] The limits to assess and design for availability, experience from 3 years of practical investigations	Mr ARTO, Niemi
10:00	[28] Experience of establishing a reliability programme in the fusion community	Dr PINNA, Tonio

### Reliability and Availability of Particle Accelerators (11:00-12:30)

**-Conveners: Giuliano Franchetti**

time	[id] title	presenter
11:00	[29] Experience from 10 years of operating accelerators for ion-therapy at HIT. What are the key requirements for medical facilities?	Dr SCHÖMERS, Christian
11:30	[30] Reliability and Availability as a cultural evolution - Experience from 4 years of reliability training in the particle accelerator community	Mr HERZIG, Thomas
12:00	[31] Reliability and availability study based on 10-25 MeV CW proton superconducting linac	Prof. HE, Yuan

### Reliability and Availability of Particle Accelerators (14:00-14:30)

time	[id] title	presenter
14:00	[32] Designing for availability: modelling approaches based on industrial best-practices and experience from the operational facilities based on practical examples	Mr PENTTINEN, Jussi-Pekka