

# **Snowmass'21 Workshop on High-Power Cyclotrons/FFAs**

**Tuesday, 7 September 2021 - Thursday, 9 September 2021**

**Zoom**

## **Scientific Programme**

## High Power Cyclotrons/FFAs

This is the tentative program of the workshop, to summarize the state-of-the-art in high power cyclotrons and FFAs and discuss the future of the field. We will flesh out the descriptions as we get closer to the dates of the workshop and determine the speakers for the plenary sessions.

### Current state-of-the-art in high power Cyclotrons/FFAs

What (types of) machines exist in the world. Convener: Luciano Calabretta (INFN)

What are the current limits of cyclotrons/FFAs (and how to determine them? Metric? Scaling Laws?). Convener: Thomas Planche (TRIUMF)

### Applications of high power Cyclotrons/FFAs

Medical Isotope Production. Convener: Jose Alonso (LBNL/MIT)

New Physics (directly or as injectors). Convener: Daniel Winklehner (MIT)

Machines for accelerator driven systems (ADS). Convener: Malek Haj Tahar (PSI)

### New concepts in high power Cyclotrons/FFAs

What developments/new technologies are necessary to achieve our goals? Convener: Hiroki Okuno (RIKEN)

What new developments w.r.t. modelling/simulation are needed? Convener: Andreas Adelman (PSI)