

Session Program

Nov 15 - 19, 2021



MT27, 27th International Conference on Magnet Technology

Plenary: Young Scientist Plenary

Fukuoka Convention Center

Wed, November 17

1:45 PM

Plenary: Young Scientist Plenary

Session | **Location:** Fukuoka Convention Center | **Conveners:** Laura Garcia Fajardo, Satoshi Awaji

13:45 - 13:50 **Introduction**

Speaker

Laura Garcia Fajardo

13:50 - 13:57

[Plenary] A circular economy using superconductors: magnetic density separation

Speaker

Jaap Kosse

13:57 - 14:04

[Plenary] Coupling superconducting magnet technology with large momentum acceptance beamlines to enable lightweight, high performance gantries for ion beam cancer therapy

Speaker

Lucas Brouwer

14:04 - 14:11

[Plenary] HTS Superconducting Joint for Persistent Current Mode Magnets

Speaker

Yasuaki Takeda

14:11 - 14:18

[Plenary] Nb₃Sn: beyond NbTi, for moving beyond the Standard Model

Speaker

Barbara Caiffi

14:18 - 14:25

[Plenary] Tokamaking, some reflections and afterthoughts

Speaker

Gherardo Romanelli

14:25 - 14:32

[Plenary] The benefits of the analytical approach for the optimization of superconducting magnets from the early design stage

Speaker

Alexandre Louzguiti

14:32 - 14:45

Discussion

2:45 PM