

CHATS on Applied Superconductivity 2017

Sunday 10 December 2017

Session II: HTS electromagnetics and HTS quench - Auditorium (14:00 - 15:30)

-Conveners: Fedor Gömöry

time	[id] title	presenter
14:00	[59] Calculations and measurements of electromagnetic characteristics of striated and copper-plated coated conductors and their coils	AMEMIYA, Naoyuki
14:30	[27] Numerical simulation on current distribution in multifilamentary HTS tape	UEDA, Hiroshi
15:00	[21] Design study on the quench protection system for the HTS magnet based on the I-V characteristics measured in the temperature range of 40-83K.	SUZUKI, Kento

Session II: HTS electromagnetics and HTS quench - Auditorium (15:50 - 17:50)

-Conveners: Fedor Gömöry

time	[id] title	presenter
15:50	[20] Applicability evaluation of quench detectable hybrid REBCO tape to HTS magnet for fusion reactors	Dr ITO, Satoshi
16:20	[22] Quench Protection for the HTS Magnet in the Helical Fusion Reactor	Dr TERAZAKI, Yoshiro
16:50	[60] Quench behaviors of conduction-cooled coated conductors subject to transient and localized thermal disturbances	LUO, Xijie