

3rd SB.ENR-TEC (Mid Term Review - EnR projects)

Friday, 30 September 2022

Discussions of progress and organisation of reviewed projects (09:00 - 11:00)

-Conveners: Denis Kalupin

time	[id] title	presenter
09:00	[1] ENR-TEC.01.DIFFER: Multivariable feedback control of radiative loss-processes using multi-spectral imaging	
09:20	[2] ENR-TEC.01.IPPLM: Development of GEM detector as a compact neutron spectrometer for fusion plasmas	
09:40	[3] ENR-TEC.01.IST: Advances in real-time reflectometry plasma tracking for next generation machines: Application to DEMO	
10:00	[4] ENR-TEC.01.KIT: New generation of megawatt-class fusion gyrotron systems based on highly efficient operation at the second harmonic of the cyclotron frequency	
10:20	[5] ENR-TEC.01.MPG: Reconstruction of 4D and 5D fast-ion phase space distribution functions in tokamaks and stellarators	
10:40	[6] ENR-TEC.01.VTT: Silicon photonics steady-state magnetic field sensor	