

Design and prototyping of the CERN Proton Synchrotron Internal Dump in the Framework of the LHC Injectors Upgrade Project

Wednesday, 6 June 2018 16:30 (20 minutes)

Proton Beam Dump, Copper alloy, Isostatic Graphite, Radhard Mechanism, Hot Isostatic Pressing, water cooling

Primary authors: Mr NUIRY, Francois-Xavier (CERN); Dr ROMAGNOLI, Giulia (CERN); Mr ESALA, Jaakko (CERN); Mr BRIZ MONAGO, Jose (CERN)

Co-authors: Dr MASI, Alessandro (CERN); Dr HUSCHAUER, Alexander (CERN); Mr STEYAERT, Didier (CERN); Mr GRENIER-BOLEY, Edouard (CERN); Dr HANKE, Klaus (CERN); Dr CALVIANI, Marco (CERN); Mr BUTCHER, Mark (CERN); Mr VLACHOUDIS, Vasilis (CERN); Mr COUTRON, Yannick (CERN)

Presenter: Mr NUIRY, Francois-Xavier (CERN)

Session Classification: Session 5-Target Facility Challenges

Track Classification: 5-Target Facility Challenges