

5th High Power Targetry Workshop

Tuesday, 20 May 2014

HPTW Poster Session & Reception - Wilson Hall - Atrium (17:30 - 19:00)

[id] title	presenter	board
[18] Design and Thermal-Hydraulic Performance of a Helium Cooled Target for the Production of Medical Isotope ^{99m}Tc	WOLOSHUN, Keith	101
[43] CENF target thermo-mechanical study	Ms VENTURI, Valentina	102
[72] LBNE 1.2MW Target Conceptual Design	HARTSELL, Brian	103
[82] A Feasibility Experiment of a W-powder Target	Dr CHARITONIDIS, Nikolaos	104
[85] Three tier blistering tolerant neutron target for iBNCT by using 80kW proton linac.	Prof. KURIHARA, Toshikazu	105
[86] The Sinuous Target	Dr ZWASKA, Bob	106
[89] PNNL Beam Window and Target Analyses	Mr GATES, Robert	107
[97] Thermal Hydraulic Design of the Double-walled Mercury Target Vessel	Mr HAGA, Katsuhiro	108
[106] High-power powder-flow target for radioactive ion beams production	Dr POPESCU, Lucia	109
[110] Design and test of a graphite target system for in-flight fragment separator	Dr KIM, Jong-Won	110
[52] Behaviors of transmutation elements Ca, Ti, Sc in ferritic-martensitic steel under mixed spectrum irradiation of high energy protons and spallation neutrons	Dr KUKSENKO, Viacheslav	201
[53] Beryllium material tests: HiRadMat windows and NOvA fins	ATHERTON, Andrew HARTSELL, Brian Dr AMMIGAN, Kavin	202
[62] Materials in Extreme Environments at ELI-NP	Dr ASAVEI, Theodor	203
[64] Nano-Indentation study of radiation damage induced by swift heavy ions in HOPG and polycrystalline graphite	Mr HUBERT, Christian	204
[81] Mu2e Target Station design and radiation levels	Dr PRONSKIKH, Vitaly	205
[88] Post-Irradiation Examination Capabilities at PNNL Relevant to Target and Window Materials	Dr SENOR, David	206
[96] DPA Computational Methodologies Used in Fission and Fusion Reactor Materials Applications	Mr WOOTAN, David	207
[103] A LIFETIME ESTIMATION OF THE IFMIF LITHIUM TARGET BAYONET BACKPLATE BASED ON PSEUDO-TRANSIENT ANALYSIS OF IRRADIATION-INDUCED SWELLING EFFECT	BERNARDI, Davide	208
[107] A Fusion Materials Irradiation Test Station at the Spallation Neutron Source	Dr MCCLINTOCK, David	209
[57] Lead Bismuth Free Surface Target for High Intensity Proton Beam Application	Ms FETZER, Jana R.	301
[68] G-2 ANSYS Mechanical Simulation for Lithium Lens	SCHULTZ, Ryan	302
[102] Jet Flow Target Module Design, Analysis, and Testing	Mr WINDER, Drew	303
[104] Simulations of Particle Impacts on Beam Intercepting Devices and Methods for an Experimental Characterization	CARRA, Federico	304

[133] Assessment of the beam–target interaction of IFMIF: A state of the art	Dr IBARRA, Angel Dr BERNARDI, Davide Dr NITTI, Francesco Saverio Dr GROESCHEL, Friedrich Mr MICCICHÈ, Gioacchino	305
[20] Uniform irradiation of an extended target by high power beam.	Dr TSOUPAS, Nicholas	401
[80] SEM Grid Profile Monitors for Megawatt Proton Beams	Mr TASSOTTO, Gianni	402
[109] Machine Protection Strategy for the ESS Target Station	SHEA, Thomas	403
[19] Operational Experience of a High-Intensity Accelerator-based Neutron Source Based on a Liquid-Lithium Target	Dr SILVERMAN, Ido	501
[22] Status of the FAIR pbar target and separator	Dr KNIE, Klaus	502
[42] Radiation protection studies for the design of the CERN Neutrino Facility (CENF)	Dr STRABEL, Claudia	503
[69] Target Station Design for Neutrino Superbeams	Mr WILCOX, Dan	505
[75] Mu2e Production Target Remote Handling	Mr CAMPBELL, Michael	506
[77] A High-Power Target system for the Production of Intense Muon Beams	Prof. MCDONALD, Kirk	507
[90] Radiological Calculations on the LBNE Neutrino Beamline	Dr REITZNER, Diane	508
[95] Tritium Mitigation for the LBNE Beamline	Dr REITZNER, Diane	509
[94] Proposals for ISIS Target Station 1 upgrade	Mr SOUZA, Colin Mr GALLIMORE, Stephen	510
[108] New Sorgentina Fusion Source (NSFS) Experimental Facility Supporting Materials Research	Mr CONSOLE CAMPRINI, Patrizio	511