

IV Geant4 International User Conference at the physics-medicine-biology frontier

Monday, October 24, 2022

Geant4 and Artificial Intelligence - Centro Congressi "Federico II", (2:00 PM - 3:11 PM)

time	[id] title	presenter
2:00 PM	[121] Keynote: Artificial Intelligence for Monte Carlo Simulation in Medical Physics	SARRUT, David
2:23 PM	[88] CNN for multi-proton events at the ASTRA range telescope for pCT	GRANADO-GONZALEZ, Marc
2:35 PM	[112] FAST EMULATION OF DEPOSITED DOSE DISTRIBUTIONS BY MEANS OF DEEP LEARNING	ARSINI, Lorenzo
2:47 PM	[111] Towards the emulation of BLOB, a nuclear interaction model, with Deep Learning	ARSINI, Lorenzo
2:59 PM	[51] Toward a generic approach for dose distribution recovery by using Deep Learning and GPU-based Geant4 simulations	TOUIL, Asma