

7th edition of the cross-disciplinary International Summer School INFIERI series

Saturday, 9 September 2023

POSTER SESSION and FAREWELL PARTY (14:00 - 18:31)

time	[id] title	presenter
14:08	[101] Identification of BCC skin cancer using Fourier Transform Infrared Spectroscopy and Machine Learning" --	LUMARA PEREIRA MENDES DE OLIVEIRA PERES, Daniella
14:16	[100] Interdisciplinary and Innovative Educational Practices at the University of São Paulo with a STEAM Approach	CASTLE ONISAKI PINTO, Hadassa Harumi
14:24	[102] Looking for X17 at PADME	DI MECO, Elisa
14:32	[104] Temporal Evolution of Spacial Distribution of Hydrogen at TCABR -UPGRADE	VITOR KOBAYASHI DE SOUSA, Vitor Araya
14:40	[105] Development of Biosensors based on SPR technology for fast diagnosis	MAZZEO, Angela
14:48	[106] Modeling separatrix splitting and magnetic footprints in TCABR	FERNANDES JUNIOR, Jose Roberto
14:56	[107] Development of tube of quiescent plasma for introduction to waves in plasmas	DE ÁVILA MESQUITA, Ricardo
15:04	[108] Recent Results and Future Prospects with Skipper CCDs in the CONNIE Experiment	ZILVES MAIO VENTURA, Pedro
15:12	[109] Study of Disruptive Instability Prediction in Tokamaks Through Deep Learning Models	DA CRUZ SILVA, Matheus
15:20	[110] Project and Development of a Decision Support System for Anesthesia Based on Data Fusion and PK/PD models	BESTLE TURRIN, Bruno
15:28	[111] UV degradation of pigments: spectroscopic, morphological changes and mathematical expression	FERREIRA, Cauê G.
15:36	[112] Design of a Diagnostic for the Neutral Particle Density Profile Measurement for the TCABR Tokamak	A. F. ALBUQUERQUE, Fernando
15:42	[113] Absorption and polarization effects of terahertz waves on clinochlore	ALVES MATOS, Daniel
15:50	[114] Characterizing Organic Scintillators: Construction of Bragg Peaks for Different Materials at Varying Proton Beam Energies	BINTE SHAWKAT, Mosst Tasnim
15:58	[115] Frequency Selection Techniques in Terahertz Spectroscopy and Focus Diameter Estimation	DESTEFANI STEFANATO, Eduardo
16:06	[116] Use of software chains to simulate and test BSM models.	VIAN, Gabriel Vinicius
16:14	[117] Disentanglement of the chemodynamical assembly: mapping the Milky Way disks	CARVALHO CANTELLI, Elvis Wiliam
16:22	[118] The Chimera project - A distributed multi-metric approach for weather forecast ensemble combinations	CARVALHO CANTELLI, Elvis Wiliam
16:30	[129] GLUCO-MIB: DEVELOPMENT OF AN INTERNET OF THINGS SYSTEM FOR MONITORING GLYCEMIA IN PATIENTS HOSPITALIZED WITH TYPE 2 DIABETES MELLITUS.	MEZA RODRIGUEZ, Moises

16:38	[130] DEVELOPMENT OF AN ELECTRON SPECTROMETER FOR ENERGY CHARACTERIZATION OF LASER-ACCELERATED ELECTRON	MACÊDO COSTA BRANDÃO, Vitória
16:46	[131] Analysis of Thermal Stresses Produced on TCABR Tokamak Vacuum Vessel due to Baking Process	OLIVEIRA MARQUES, Pedro Leo
16:54	[132] Development of data acquisition and transmission system to control operational and radiological parameters in mobile irradiation unit with electron accelerator	BLATT, Roberto
17:02	[133] Study of heat deposition on the first wall of TCABR	PORTA GRECCO OLIVEIRA, Lucas
17:10	[134] Super low energy gamma radiation detection	STANO, Lucas
17:18	[135] Structural analysis of in-vessel RMP coils of the TCABR tokamak	SALGUEIRO BOUZAN, André
17:26	[136] Optimizing Plasma Spectroscopy Diagnostic in the TCABR Tokamak: Simulating an Advanced Opto-Mechanical System for High Temporal and Spatial Resolution in Plasma Rotation Velocity Measurements	OLIVEIRA NOVAES, Douglas
17:34	[137] Hybrid setup for neutron imaging and prompt-gamma activation analysis at research reactor IEA-R1	SANTOS DA SILVA, Carlos Gabriel
17:42	[138] Implementation of a numerical solver for the Klimontovich kinetic equation in weakly ionized plasmas.	SOARES DE SOUZA, Adson
17:50	[139] 1-loop corrections to the muon g-2 in Supersymmetric QED: Why we look at the muon	NEME C. DAHAB, Francisco
17:58	[140] A brief view of Particle Physics: an introduction to Field Theorie	GEHLEN FERREIRA DA SILVA, Bruno
18:06	[141] Conceptual design of a system of RMP coils for the TCABR tokamak	MACHADO SALVADOR, Felipe
18:14	[143] Destructive radiation effects in electronic devices: atmospheric and space environments	ALBERTON, Saulo G.
18:22	[144] Concluding remarks: did we achieve the INFIERI2023 Objectives?	SAVOY NAVARRO, Aurore