

APRESENTAÇÕES DE PÔSTERES

SESSÃO DE PÔSTERES 2 – 24/08 16h00

26	Structural and morphological characterization of the foam powder
33	AA7050-T7451 aluminum alloy characterization: microstructure and fatigue behavior
39	Obtaining niobium nitride for reentrant niobium cavities via plasma Immersion Implantation and HiPIMS
44	TRIBOLOGICAL BEHAVIOR OF NIOBIUM TREATED BY HIGH TEMPERATURE NITROGEN PLASMA BASED ION IMPLANTATION
82	ACTIVE SCREEN PLASMA SYSTEM: FLOATING POTENTIAL AS A FUNCTION OF SCREEN OPEN AREA
83	MODELING AND EXPERIMENTAL ANALYSIS OF THE SUBSTRATE TEMPERATURE INFLUENCE ON THE REACTIVE MAGNETRON SPUTTER DEPOSITION
84	STUDY OF THE REDISTRIBUTION OF SOLUTE IN EUTECTIC LEAD-TIN ALLOYS SOLIDIFIED UNDER HIGH ACCELERATION
85	EXPERIMENTAL DETERMINATION OF THE PERMITTIVITY AND PERMEABILITY OF AN ARRAY OF SPLIT-RING RESONATORS IN A X-BAND WAVEGUIDE
86	Carbon fiber preparation for metal matrix application
87	EFFECT IN THE CREEP BEHAVIOR OF Ti-6Al-4V ALLOY BY THE MODIFICATION OF THERMAL BARRIER COATING WITH LASER REMELTING TREATMENT
89	WETTABILITY AND SURFACE ENERGY OF TiO _x FILMS DEPOSITED BY REACTIVE MAGNETRON SPUTTERING
90	INFLUENCE OF THE SYNTHESIS METHOD ON THE MORPHOLOGICAL AND ELECTROCHEMICAL PROPERTIES OF PANI / CARBON FIBER COMPOSITE
91	EFFECT OF STRESS CONCENTRATIONS ON THE FATIGUE STRENGTH OF AISI 4140 STEEL USED IN OIL AND GAS COMPANY
95	CARBON FIBERS FUNCTIONALIZATION THROUGH N ₂ -H ₂ PLASMA AS A PRETREATMENT FOR POLYANILINE POLYMERIZATION
96	PROJECT, MODELING AND CONSTRUCTION OF VACUUM OVEN WITH CONTROLLED TEMPERATURE
99	SURFACE ANALYSIS OF PLASMA TEXTURED CARBON COUNTER ELECTRODES FOR DYE-SENSITIZED SOLAR CELLS
101	INFLUENCE OF THE SILICON INTERLAYER DEPOSITION PROCESS IN THE ADHESION OF THE DLC COATINGS DEPOSITED ON NITRIDED MARTENSITIC STAINLESS STEEL
102	POROSITY AND MORPHOLOGY OF HVOF SPRAYED WC-12CO-4CR COATINGS USING DIGITAL IMAGE PROCESSING
108	HFCVD DIAMOND PARAMETERS GROWED ON TOOL STEEL APLAING VANADIUM CARBIDE INTERMEDIATE LAYER
110	GROWTH OF DLC FILM IN A METALLIC TUBE WITH HIGH ASPECT RATIO
112	TI-6AL-4V ALLOY FATIGUE BEHAVIOR SUBJECTED TO SHOT PEENING AND PLASMA IMMERSION ION IMPLATATION (PIII) TREATMENTS
117	MICROHARDNESS ANALYSIS NI NI ₃₅ TI ₅₀ CU ₁₅ BY POWDER METALLURGY MODIFIED BY PLASMA IMMERSION ION IMPLANTATION TECHNIQUE
119	COMPOSITE FILMS OF BARIUM-STRONTIUM TITANATE / SILVER DEPOSITED BY RF SPUTTERING: NEW SYSTEM TEST
123	Effects of Plasma Immersion Ion Implantation On Fatigue Properties of Titanium Alloy Surfaces
124	SiC/Cr THIN FILMS DEPOSITED BY HiPIMS ON Ti-6Al-4V USED AS PROTECTIVE COATING IN CREEP TESTS
128	ATMOSPHERIC PLASMA TREATMENT FOR PCB ADHESION ENHANCEMENT
130	STUDY OF ALUMINOS REFRACTORY MICROSTRUCTURE AFTER USE IN RACE

	CHANNEL
132	PLASMA POLYMERIZATION OF AMINE-CONTAINING THIN FILMS IN LOW PRESSURE ATMOSPHERES OF ETHYLENEDIAMINE (EDA) / ACETYLENE (C ₂ H ₂) MIXTURE
133	CO ₂ LASER THERMAL TREATMENT STUDY BETWEEN 316 STEEL AND NiCrAlY COATING PREVIOUSLY DEPOSITED BY HVOF
135	DRY TRIBOLOGICAL BEHAVIOR OF LASER TEXTURED 4340 STEEL
138	RELATION BETWEEN SUBSTRATE FLOATING POTENTIAL AND GRID-TO-TARGET DISTANCE IN GRID ASSISTED MAGNETRON SPUTTERING
139	PRODUCTION OF LOW COST COMPOSITE BASED IN ACTIVATED CARBON FIBER PARTICULATES APPLIED IN RADIATION ABSORBING MATERIALS IN X BAND FREQUENCY
139_1	RADAR ABSORPTION MATERIAL BY POROUS CARBON PARTICULATE IN POLYMERIC MATRIX
141	CRYOGENIC UHV FAST-ENTRY CHAMBERS AT THE BRAZILIAN SYNCHROTRON LIGHT LABORATORY/LNLS
143	STRUCTURAL AND MORPHOLOGICAL CHARACTERIZATION OF DLC FILMS DEPOSITED BY PLASMA IMMERSION ION IMPLANTATION AND DEPOSITION (PIII&D) WITH MAGNETIC FIELD INSIDE TUBES
145	DEPOSITION AND CHARACTERIZATION OF THIN FILMS BY ATMOSPHERIC PLASMA MICRO DISCHARGE
146	Characterization of Alumina Coating by Atmospheric Plasma Spray
148	WEAR RESISTANCE ANALYSIS NI50,8TI SMA BY POWDER METALLURGY MODIFIED BY PLASMA IMMERSION ION IMPLANTATION TECHNIQUE
150	MODELING, MEASUREMENT AND ANALYSIS OF A COMPLEX VACUUM SYSTEM WITH TWO CONJUGATE CHAMBERS PUMPED IN THE LAMINAR FLOW VISCOUS REGIME
152	DYNAMIC FRICTION COEFFICIENT MEASUREMENT AND CONSTRUCTION OF A TRIBOMETER ROTARY WITH AGAINST SPHERICAL BODY
155	CORROSION MORPHOLOGY STUDY OF DENTAL RESINS IMMERSED IN REFRIGERANTS COLA TYPE
160	ALOE VERA INCORPORATION INTO ELECTROSPUN NANOFIBERS
162	SYNTHESIS OF N-DOPED TiO ₂ THIN FILMS BY MOCVD AND ITS CHARACTERIZATION
164	CHARACTERISTICS OF DOUBLE GAS INJECTION NEEDLE MICRO DISCHARGES
164_1	INTEGRATED LIGHT EMISSION STUDY ON ATMOSPHERIC NEEDLE PLASMA DISCHARGES
165	SILICON INTERLAYER INFLUENCE IN ADHESION OF DLC FILM DEPOSITED ON AA 7075 SUBSTRATE USING A MODIFIED PULSED-DC PECVD TECHNIQUE
169	THE EFFECT OF VOLTAGE AND TIME ON THE FABRICATION OF TiO ₂ NANOTUBE ON Ti-30TA ALLOY BY ANODIC OXIDATION
171	EFFECT OF THE TEMPERATURE ON CORROSION BEHAVIOR OF PLASMA-ANODIZED ALUMINIUM ALLOY
175	ANALYSIS OF GRANITE POWDER USING SEM
176	INFLUENCE OF THE PROCESS AGENT ON THE HIGH ENERGY OF 7075T6 ALUMINUM ALLOY CHIPS.
184	A fully automated bakeout system for the new SIRIUS synchrotron