

I° Workshop in Plasmi Biofisica e Applicazioni
9 ottobre 2008 Aula conferenze IFC CNR "Guzzardi" Ecotekne Lecce
Workshop schedule

Sez. A

09.15	Presentazione	Università del Salento e dipartimenti
09.30	A. Talà A, A. Lorusso, M. Tredici, L. Velardi, <u>V. Nassisi</u> , <u>P. Alifano</u> , A. Rainò	Experimental analysis of a TEM plane transmission line for DNA studies at 900 MHz EM fields
09.45	<u>A. Talà</u> , A. Lorusso, S.M. Tredici, V. Nassisi and P. Alifano.	Application of XeCl308nm excimer laser radiation to mutagenesis of industrial microorganism
10.00	<u>G. Valentini</u> , C. D'Andrea, A. Bassi, S. Arridge, R. B. Schulz and R. Cubeddu	Study of the effect of new vascular damaging agents for cancer therapy by Fluorescence Lifetime Imaging (FLIM)
10.15	M. Davidkova, L. Juha and <u>J. Krasa</u>	A High-Power Laser-Driven Source of Sub-nanosecond Soft X-Ray Pulses for Single-Shot Radiobiology Experiments
10.30	<u>A. Distante</u>	Fisica, scienze esatte e medicina al servizio dell'uomo: cambiano i tempi e i paradigmi, ma rimane l'eterno anelito!
10.45 10.55	<u>G. Giannelli</u>	Laser application in oral surgery
10.55	Coffee	Break

Sez. B

11.15	S. Sortino, <u>G. Giancane</u> and L. Valli	Nitric oxide photoinduced release from Langmuir-Schaefer organic thin films
11.30	L. Torrisi, G. Mondio, T. Serafino, F. Caridi, A. Borrielli, D. Margarone, L. Giuffrida, and <u>A. Torrisi</u>	LAMQS, EDXRF and SEM analyses of old coins
11.45	A. Lorusso, V. Nassisi, M.V. Siciliano and <u>V. Vergine</u>	Short Soft X-Ray Source
12.00 12.05	<u>G. Giancane</u> , S. Casilli, S. Conoci, D.M. Guldi, M. Prato, G. Ricciardi, L. Valli	Evidence of Photoinduced Charge Transfer Phenomena in Fulleropyrrolidine-Porphyrin LS Films
12.05 12.10	<u>P. Prete</u> , M. Traversa and A. Cola, I. Farella, P. Paiano, F. Marzo, N. Lovergine and A.M. Mancini	An epitaxial contact technology for novel X- and gamma-ray detectors based on CdTe crystals
12.10 12.15	<u>N. Campo</u> , L. Torrisi, A.M. Visco	Polymer modifications due to absorption of different ionizing radiations
12.15 12.20	<u>F. Notarstefano</u> , G. Semeraro and L. Troisi	Organic residues analysis on archaeological samples of pottery vessels by gas chromatography - mass spectrometry (GC-MS)
12.20 12.30	A. Lorusso, <u>V. Nassisi</u> and M.V. Siciliano	Diagnostic of short and high intensity electromagnetic pulses by an innovative probe.c
12.30 12.40	A. Lorusso, V. Nassisi, F. Paladini, V. Nicolardi, <u>M.V. Siciliano</u> , L. Velardi and A. Rainò	Laser irradiation of bio-material surfaces
12.40	Lunch	Scacciapensieri

Sez. C

15.30	V. Nassisi, M.V. Siciliano, A. Lorusso and <u>L. Velardi</u>	Ion and electron generation by laser useful for radiotherapy and adrontherapy
15.45	<u>A. Lorusso</u> , V. Nassisi, M.V. Siciliano and L. Velardi	Implantation of biomaterial by different ions using a LIS accelerator
16.00	L. Torrisi, S. Cavallaro, <u>A. Scuderi</u> and S. Tudisco	Proton acceleration by laser-generated plasma for nuclear applications
16.15	<u>G. Rollo</u> , A Oriani, P. Cataldi	Biomaterials: Classification and application in orthopedic
16.30	F. Adduci, A. Buccolieri, G. Buccolieri, A.Lorusso, V. Nassisi, F. Vona	Laser Cleaning applied on a silver <i>Carlino</i> coin
16.10	Coffee	Break

Sez. D

16.30 16.35	<u>L. Giotta</u> , D. Mastrogiacomo, L. Valli, F. Italiano, F.Milano and M. Trotta	Heavy metal binding properties of bacterial biofilms studied by ATR-FTIR difference spectroscopy
16.35	L. Giuffrida, L. Torrisi, <u>F. Caridi</u> , A. Borrielli and A. Scuderi	Ge ion implant from energeticplasma laser-generated
16.50	<u>V. Variale</u> , G. I. Kuznetsov, M. Batasova, T. Clauser, A. C. Rainò	Esperimento di <i>charge breeding</i> con cannone elettronico a catodo cavo
17.05	<u>F. Caridi</u> , L. Torrisi1, A. Borrielli and A. Mezzasalma	TOF ION spectra deconvolution for laser generated plasmas