ICPS2009 Poster board allocations

Poster session 1

(Sunday, August 16, 15:00 - 17:30)

Bar Instability and Black holes
Valentina De Romeri

Swift satellite's data analysis about 3c 279 and PKS 1510
Umberto Battino

Long-term INTEGRAL observations
of bright and persistent neutron star Low-Mass X-ray Binaries
Petri Savolainen, Diana Carina Hannikainen, Ada Paizis, Ruben Farinelli, Osmi Vilhu and Erik Kuulkers

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Uncovering the pulsating photosphere of R Boo through nIR interferometry
Michel Hillen

The flux ratio of the [O III] λλ5007, 4959 Å lines in AGN -
analysis of the sample with red asymmetry and with no asymmetry of [O III] line profiles
Dajana Vranješ, Đorđe Smiljić, Milan Gligorić, Nemanja Rakić, Dalibor Obradović and Jelena Kovačević

Milutin Milanković - time traveler
Đorđe Smiljić

Hunting the paranormal - physics of the impossible
Sebastian Szwarc

On some unconventional ways to solve physical equations with MathCAD
Constantin Dan Buioca and Livia-Maria Şorop

Hydrogen Storage Capacity and Shape of the Classical Molecule Trajectories
Milan Popović, Milan Gligorić and Nemanja Rakić

Currents in the Mediterranean and Adriatic Sea
Marija Mustać

BR Limits on FCNC Top decays at ATLAS
Antonio Onofre, Filipe Veloso

Infrared Propagators in QCD
Petro Fedosenko

Fixed Point Resolutions in Extension of Permutation Orbifolds
Michele Maio

Energy unfolding of the diffractively scattered proton transport at the LHC for ALFA@ATLAS
Maciej Trzebiński

A strange attractor
Bence Béky and Yves Coudene

Measuring concentration of radon in the air
Jelena Sobot and Dragana Malivuk

Neutron induced background gamma activity in low-level Ge-spectroscopy systems
Nikola Jovančević

The Effective Potential of Macroparticle in a Magnetized Collisionless Dusty Plasma

Maksym Ryndia

How to make your own Theremin?

Julia Wiktor, Radek Radziejewski, Aleksandra Grzelak

Ion beam analysis of corrosive compounds in superheaters from biomass and waste combustion facility

M. Napari, J. Julin, M. Laitinen, J. Maunuksela,T. Sajavaara, M. Aho, H.J. Whitlow

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Ultraintense lasers: science and applications

R. Borrego Varillas, C. Mendez, I. Arias, L. Roso

The efficiency of photovoltaic solar cells in specific meteorological conditions

Davor Topalović, Petar Janjić, Stefan Čagljević

Force of sounds – acoustic levitation

Bartłomiej Tomala

Coherent Control Demo model

G. Hemink, E. Dietrich

Thermohaline Circulation: The Global Ocean Conveyor

Milena Latinović, Tatjana Radjenović

Condesation of water vapor in atmosphere on ionised atoms

Đorđe Smiljić, Dajana Vranješ

Using of electronic resources for hands-on work; Hands-On kit (pressure)

Uliana Nyemchenko

The role of the auditory system in a transforming of physical parameters of sound into its sensual features

Julia Jakubowska

Aerodynamics of a cycling team in a time trial

A. Íñiguez-de-la Torre and I. Íñiguez-de-la Torre

TLP Database Analysis

Carla Stratton

Poster session 2

(Sunday, August 16, 17:30 - 20:00)

Thin film deposition with short review of recent developments and applications
Milan Vrućinić and Bojana Kačar

A Novel Bird-inspired Flapping-Wing Test Bench
Min-Chi, Lai, Ciann-Dong, Yang, Teng-Yi, Chang

Hydrophobin: a protein out of the ordinary
Elodie Aumaitre, Pietro Cicuta

Studies of biodegradable plastics produced by quiescent E. coli
N. M. Thomson, E. Sivaniah, D. K. Summers

Cooperative Enzyme Kinetics
Teslenko V.I., Kozlova O.V.

High energy ball-milling of hydrogen titanate nanotubes
Milivoj Plodinec, Ivica Friščić, Damir Iveković, Andreja Gajović

An Introduction To Graphene & Squarium And Some Novel Applications
Thomas Standard

Modelling charge-imbalanced NaNbO3/SrTiO3 superlattices: lattice relaxation and metallicity
Riku Oja and Risto M. Nieminen

Density Distribution of Matter in Systems of Finite Size
Gudyma A., Vasilev O.

Preparation and characterization of Au cluster deposited on MgO/Ag (100)
Marco Caputo

From bulk to films : Thin Films Prepared by RF magnetron Sputtering
R. Frunza, F. Prihor and L. Mitoseriu

Critical Points for Symmetric Synthetic Antiferromagnetic Structures
Andrei-Valentin Plamada, Alexandru Stancu

Towards a new approach to the magnetization of ferromagnetic two-particle systems
Magdalena Jitca, Andrei-Valentin Plamada, Alexandru Stancu

Phonon States of Nano-Chrystaline Film Structures
Igor Mandić

The influence of chiral additives on phase transitions of cholesteric liquid crystals
Vladica Nikolić, Ivan Budinčević, Kristina Fodor

Applications of Superconductivity
Stephanie Walton

Application of the radiochromic films
for the purposes of high energy X-ray dose measurements
V.Rebyakova, M.Lavrova, T.Tatarinova

Physical Aspects of Usage Fullerenes in Medicine
A. A. Lipovtsev

Vocal folds
Edit Karvak

Detecting cerebral blood volume changes in sleep apnea with near-infrared spectroscopy
Jaakko Virtanen

Three-Dimension Quantum Dynamics In Diatomic Molecule
Ciann-Dong Yang and Hung-Jen Weng

How to make your own Theremin? *(continued)*
Julia Wiktor, Radek Radziejewski, Aleksandra Grzelak

The optical transmission of one-dimensional photonic crystals containing double-negative materials
Andreea Cristina Petcu, Liliana Preda

Piercing an interface with a brush
Filippo Chiodi, Benoit Roman and Josè Bico

Determination of the elastic properties of solid materials by acoustical method
Stefania Brignolo, Simona Lago

Measuring the Rate of Chemical Reaction Between Marble and Hydrochloric Acid
Dragoljub Vranković, Nemanja Rakić

Dancing with Physics
Gizem Sengor, Ibrahim Semiz

Law of forces of Ruđer Bošković
Antonija Mijatović

Laser, where are you?
Krystian Hausmann