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Physics

J. Šafránková and J. Pavlů (editors)

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Contents

Preface	7
 Physics	
L. Chlad and A. Kugler, Using HADES Spectrometer for Neutron Detection, f-10	9
T. Nosek , Effects of Matter in Neutrino Oscillations and Determination of Neutrino Mass Hierarchy at Long-baseline Experiments, f-9	15
J. Blažek , Using the FRAM Telescope for Identification of Potential Candidates of Anomalous Cosmic Ray Showers, f-9	21
T. Kadavý , K. Kampf, and J. Novotný, OPE for the Three-point Green Functions of Currents in the Odd-intrinsic Parity Sector of QCD, f-9	27
O. Bezshyyko, O. Fedorchuk, L. Golinka-Bezshyyko, I. Kadenko, V. Krylov, V. Rodin , S. Barsuk, L. Burmistrov, V. Krylov, V. Kubytskyi, H. Monard, A. Variola, D. Attie, P. Colas, M. Titov, A. Chau, R. Lopez, D. Tomassini, LEETECH Platform of Quasimonoenergetic Electrons with Picosecond Time Resolution: First Experimental Results, f-9	33
J. Kubíček and A. Pravdová, The Optical Matrix of Type III Einstein Spacetimes in Six Dimensions, f-1	37
M. Vraštil , Atmospheric Calibration for the Cherenkov Telescope Array, f-1	42
P. Mészáros , Effect of Radiation-like Solid on CMB Anisotropies, f-1	47
V. V. Sagun , K. A. Bugaev, A. I. Ivanytskyi, D. R. Oliinychenko, Evidence of the Mixed Phase Formation in Nucleus–Nucleus Collisions, f-1	53
A. I. Ivanytskyi , K. A. Bugaev, V. V. Sagun, D. R. Oliinychenko, Geometrical Clusterization in SU(2) Gluodynamics and Liquid–gas Phase Transition, f-1 ..	59
O. Hruška and J. Podolský, Kundt Spacetimes in the Gauss–Bonnet Gravity, f-1	66
G. Busch , Correlations Between Supermassive Black Holes and Their Hosts in Active Galaxies, f-1	72
A. Pitňa , J. Šafránková, Z. Němeček, Relaxation of Turbulence Behind Interplanetary Shocks, f-2	80
K. Grygorov , J. Šafránková, Z. Němeček, and L. Přech, Magnetopause Shape Under a Radial Interplanetary Magnetic Field, f-2	86
J. Fišer and J. Chum, Seasonal Variation in Propagation Directions of Acoustic Gravity Waves in the Thermosphere, f-2	92
H. Zemanová , O. Santolík, and I. Kolmašová, Measurements of Electromagnetic Signals Generated by Lightning and Atmospheric Discharges Associated with Transient Luminous Events, f-2	97
A. Kuznetsov and I. Mursenkova, Investigating the Nanosecond Combined Volume Discharge in Motionless Air and in Airflow with Shock Wave, f-2	103
M. Vyšinka , L. Nouzák, J. Pavlů, J. Lavková, Z. Němeček, and J. Šafránková, A Study of Melamine Formaldehyde Microspheres Under Electron and Ion Bombardments, f-2	108

A. Kovalenko , Š. Roučka, T. D. Tran, S. Rednyk, R. Plašil, J. Glosík, Reaction of NH_2^+ with H_2 in the rf Ion Trap Between 100 K and 300 K, f-2	116
S. Rednyk , Š. Roučka, A. Kovalenko, T. D. Tran, R. Plašil, and J. Glosík, Study of the $\text{NH}^+ + \text{H}_2$ Reaction Using 22-Pole Ion Trap at Low Temperatures, f-2	121
T. D. Tran , D. Mulin, Š. Roučka, S. Rednyk, A. Kovalenko, R. Plašil, and J. Glosík, Reaction $\text{OD}^- + \text{H}_2 \rightarrow \text{OH}^- + \text{HD}$ at Low Temperatures, f-2	126
P. Ondáč , A. Mašláni, and M. Hrabovský, Arc–Anode Attachment Area in DC Arc Plasma Torch at Low Pressure, f-2	132
M. J. Morávek , A. Kaňka, V. Hrachová, J. Čáp, Determination of Concentration of Excited Oxygen Particles by Optical Emission Spectroscopy, f-2	137
M. Laca , M. J. Morávek, L. Schmiedt, V. Hrachová, A. Kaňka, Continuous Model of the Positive Column in DC Discharge, f-2	144
M. Zanáška , C. Denker, R. Hippler, H. Mohamad, C. Helm, M. Münzenberg, M. Medvidov, M. Delcea, Optimisation of Ion Beam Etching Process for Fabrication of CoFeB/MgO Magnetic Tunnel Junctions, f-2	150
A. Kolpaková , A. Shelemin, J. Kousal, P. Kudrna, M. Tichý, and H. Biederman, Langmuir Probe Diagnostic in Gas Aggregation Cluster Source, f-2	155
P. Vondracek , J. Horacek, R. Panek, P. Vondracek, E. Gauthier, Infrared Measurements in Medium and Long Wavelength on COMPASS, f-2	161
J. Hulík , F. Antoni, F. Aweke, N. Aziz, D. Muller, F. Le Normand, P. Veis, Preparation and Study of Graphene-based Films Produced on Diamond-like Carbon (DLC), f-5	166
P. Kaushik , A. Bannov, O. Jašek, J. Prášek, L. Zajíčková, Carbon Nanotubes Grown by Microwave Torch for Ammonia Gas Detection, f-5	171
M. Brajer , Š. Svoboda, V. Novák, From Silicon to Antiferromagnetic Semiconductors, f-13	176
K. Václavová , J. Stráský, P. Harcuba, M. Janeček, J. Čížek, S. Gatina, V. Polyakova, I. Semenova, Microhardness and Defect Evolution in Metastable Beta-titanium Alloys Processed by High Pressure Torsion, f-3	182
D. Nikitin , M. Vaidulych, I. Gordeev, J. Hanuš, A. Choukourov, D. Slavínská, H. Biederman, Silver Oxide and Copper Oxide Nanoparticles as Perspective Antibacterial Agents in Plasma Polymer-Based Nanocomposites, f-4	188
D. Kravchenko , K. Ogorodnik K, Yu. Myagchenko, Scattering of Light During the Mutarotation in the Solutions of the Glucose, f-4	193
J. Kratochvíl , M. Petr, A. Kuzminova, J. Hanuš, O. Kylián, Gradient Thin Films for Biomedical Applications, f-4	197
M. Riabchikova , V. Gibizova, G. Petrova, Interaction of γ -Globulin and FeCl_3 , f-4	204
J. Bocková, M. Suchoňová , P. Veis, L. Harmatha, J. Yu, Characterization of Laser-induced Plasma for Quantitative Analysis of Wines, f-4	209
A. V. Kharcheva and A. A. Zhiltsova, Studies of Green Sulphur Bacteria Using Spectral Methods: Comparison of Fluorescence and Absorption Characteristics in Winter and Summer, f-4	214

J. Skořepa , Divergence of Nearby Trajectories in Phase Space for Simulated and Observed Series, f-8	219
E. Maringová , Variational Problems With Linear Growth — Regularity up to the Boundary in Non-Convex Domains, f-11	227
O. O. Sidorov , N. V. Bashmakova, V. M. Yashchuk, W. Kasprzyk, S. Bednarz, and D. Bogdal, Spectral Properties of Novel Fluorophores Synthesized from Citric Acid and Their Solutions with DNA, f-6	233
M. Roskot , Student’s Conceptual Ideas in Physical Optics, f-12	239

PREFACE

The traditional WDS Proceedings in your hands is composed of the contributions which have been presented during the **25th Annual Conference of Doctoral Students** that was held in Prague, at Charles University, Faculty of Mathematics and Physics from June 7 to 9, 2016. The Proceedings is limited to physical study branches and it is compiled from 41 student manuscripts finally accepted for publication.

As usual, all manuscripts were reviewed by two referees. We believe that it helps students to learn how to prepare the written presentation of their results in a foreign language and how to respond the referee's notices. They should take into account their comments and prepare a new submission including letters to both referees where they explain their reaction. This is a standard publication procedure in scientific journals and we are offering an exercise that would be useful for students in future. Since one of referees is a doctoral student, he/she can practise the preparation of a review. Moreover, the subject of the paper under review is often slightly different from his/her field of research, thus the student's referees should investigate new problems and another style of writing. They can see that a good and comprehensive review is sometimes a very difficult task. Even now, it is possible to see a different approach of student's referees — some of them are very active and bring a lot of comments and suggestions, whereas others carry out a formal review only.

The second referee is selected from the experienced senior researchers and, in this year, their list includes even 37 % of foreign experts. We would like to express many thanks to them for the understanding and great help. Their effort significantly contributed to a traditionally good quality of the Proceedings and you can find already 287 citations to previous volumes in Web of Science.

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Finally, we would like to express our thanks to all speakers and other participants for helping us to keep a fruitful and friendly atmosphere during the whole meeting and, last but not least, to our colleagues and many cooperative students who assisted us greatly both prior to and through the conference.

Pleasant reading

Jana Šafránková and Jiří Pavlů
Editors