

Preface	5
T. Ďurovcová, J. Šafránková, and Z. Němeček, Connection Between Proton Beam and Alpha Core in the Solar Wind, f2	7
A. Salohub, J. Šafránková, Z. Němeček, G. Pi, and F. Němec, Two-point Observations of ULF Fluctuations in the Foreshock, f2	14
S. Gohl and F. Němec, A New Method for Separation of Electrons and Protons in a Space Radiation Field Developed for a Timepix3 Based Radiation Monitor, f2	21
T. Výbošťková, Z. Němeček, and J. Šafránková, Magnetospheric Response to Solar Wind Driving, f1	28
R. Eappen and P. Kroupa, Elliptical Galaxies in MOND, f1	38
J. Merc, R. Gális, and M. Wolf, Spectroscopic Analysis of Selected Symbiotic Candidates, f1	45
V. Skoupý and G. Lukes-Gerakopoulos, Gravitational Wave Templates from Extreme Mass Ratio Inspirals, f1	52
M. Štolc, V. Karas, P. Suková, V. Witzany, and M. Zajaček, A Gappy Accretion Disc: Theoretical Profiles of a Relativistic Spectral Line, f1	59
F. Hložek, Review on Telescope Motivated Education, f12	65
T. Tměj, Linearity of Light Yield in JUNO Neutrino Experiment, f9	69
O. Bezshyyko, L. Golinka-Bezshyyko, I. Kadenko, A. Kotenko, V. Lysenko, T. Povar, S. Olejnik, O. Vodin, V. Kushnir, V. Mitrochenko, and S. Perezhogin, Isomer Ratios of Products of Photonuclear Reactions on ^{107}Ag, f9	76
L. Kripner, M. Peterka, T. Markovič, M. Becoulet, G. Huysmans, M. Komm, F. Jaulmes, J. Adámek, D. Tskhakaya, R. Pánek, M. Hoelzl, and JOREK team, JOREK Simulation of Strike Point Splitting Induced by HFS Magnetic Perturbation, f2 ..	82
E. Matveeva, J. Havlíček, R. Dejarnac, M. Jeřáb, D. Šesták, J. Adamek, J. Cavalier, V. Weinzettl, A. Havránek, the COMPASS team, F.J. Artola, M. Lehnen, R. Pitts, and R. Roccella, Current Flows Towards the Divertor During VDEs at COMPASS, f2 ..	88
L. Uvarova, D. Shapko, M. Kassayová, P. Dohnal, R. Plašil, Š. Roučka, J. Glosík, Time Resolved Electron Number Density Measurements in Low Temperature Afterglow Plasma, f2	94
A. Kapran, Z. Hubička, M. Čada, M. Tichý, Diagnostics of Surfatron-generated Plasma in PE-ALD Deposition System, f2	100
J. Palacký and Š. Roučka, Dynamic Study of Fast Measurement with Langmuir Probe, f2	106
A. Tuholukov and V. Stelmashuk, Comparison of Underwater Spark Simulation Using Elliptical and Cylindrical Models, f2	111
H. Libenská, J. Hanuš, A. M. Ahadi, P. Kudrna, O. Kylián, V. Červenková, M. Cieslar, T. Košutová, and H. Biederman, Core@shell Ag@Ti Nanoparticles Prepared by In-flight Coating, f4	118

- N. Khomiakova, Z. Krtouš, P. Solař, and O. Kylián,**
Gold/Fluorocarbon Nanocomposites for Enhanced Solar-driven Water Evaporation, f4 123
- Š. Midlik, D. Schmoranzer, and L. Skrbek, Generation and Detection of Quantum**
Turbulence in He II by Second Sound, f3 131