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Section 6 – Experimental Investigations in Aerospace Sciences

(in alphabetical order of the first author)

No.	Author(s)	Title of paper	Section number	Company
1	Mariana BOBEICA ¹ , Sohichiroh AOGAKI ¹ , Theodor ASAVEI ¹ , Mihail CERNAIANU ¹ , Petru GHENUCE ¹ , Florin NEGOITA ¹ , Dan STUTMAN ^{1,2}	Radiobiology Experiment Design and Modeling for Space Applications at ELI-NP	6	¹ “Horia Hulubei” National Institute for Physics and Nuclear Engineering, Extreme Light Infrastructure Nuclear Physics ELI-NP, 30 Reactorului Street, RO-077125, Bucharest-Magurele, Romania ² Johns Hopkins University, 3400 N Charles St., Baltimore, Maryland 21218, USA
2	Alexandru IONEL, Tiberiu SALAORU, Mihaela NASTASE	Introduction to Zero Point Energy Sample Calculations With Case Studies for Prolific Applications	6	INCAS – National Institute for Aerospace Research “Elie Carafoli”, B-dul Iuliu Maniu 220, Sector 6, Bucharest 061126, Romania
3	Gina MANDA ¹ , Ionela Victoria NEAGOE ¹ , Cristian POSTOLACHE ² , Mariana BOBEICA ³	Redox Biology in Space Missions - Towards New Molecular Targets for Radioprotection	6	¹ “Victor Babes” National institute of Pathology, Bucharest, Romania ² “Horia Hulubei” National Institute for R&D in Physics and Nuclear Engineering, Magurele, Romania ³ ELI-NP, “Horia Hulubei” National Institute for Physics and Nuclear Engineering, Magurele, Romania
4	Cristian POSTOLACHE, Viorel FUGARU, Sorin BERCEA, Aurelia CELAREL, Constantin CENUSA	Characterization of Gamma Radiation Fields Emitted by 60-CO Sources Inside of Multifunctional Interaction Chamber	6	Horia Hulubei National Institute for Physics and Nuclear Engineering, 30, Reactorului St., Magurele, Ilfov, Romania