

Special Issue

Human Behaviors in Space Exploration Mission

Message from the Guest Editor

If you are discussing astronauts' behavior, you must always mention at least three issues. One is permanent stress caused by the threat to life and health, sensory and social deprivation, monotony, isolation and confinement. Therefore, when we speak about astronauts, we have to speak about coping with stress. Their behavior is determined by the effectiveness of their coping strategies, by their choice to avoid stress, to escape or to resolve the existing problems. The second issue is the objective of every space flight. It is not an objective of the traveler, just to observe. They have to work in space to survive, to run life-supporting systems in their spaceship. Therefore, discussing behavior in space, we cannot help but mention professional performance and all the factors that determine success. They are cognitive skills, stamina, resilience, motivation, etc. Monitoring of the astronaut inflight is always targeted at their working capacity, performance mistakes, fatigue, sleep quality, etc.

Guest Editor

Dr. Vadim Gushin

Institute for Biomedical Problems, Russian Academy of Sciences, 76A Khoroshevskoye Shosse, 123007 Moscow, Russia

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Aerospace
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
aerospace@mdpi.com

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Editor-in-Chief

Prof. Dr. Konstantinos Kontis
School of Engineering, University of Glasgow, James Watt Building
South, University Avenue, Glasgow G12 8QQ, Scotland, UK

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