

Peer-reviewed Journal Papers

1. Iliev, S.P., Gommer, F. and Tagarielli, V.L., *Measurements of indentation size effects of high-purity Indium at cryogenic temperatures in the non-creep regime*, International Journal of Materials Science A, Springer (08.2018)
2. Iliev, S.P., Chen, X., Pathan, M.V. and Tagarielli, V.L., *Measurements of the mechanical response of Indium and of its size dependence in bending and indentation*, Material Science and Engineering A, Elsevier (01.2017)
3. Amaya, J., Musset, S., Andersson, V., Diercke, A., Höller, C., Iliev, S.P., Juhász, L. *et al*, *The PAC2MAN mission: A new tool to understand and predict solar energetic events*, Journal of Space Weather and Space Climate, Édition Diffusion Presse (02.2015)

Conference Keynotes

1. Iliev S.P., Zhu A., Zhang A., *Smartphone Motion-Fingerprint in Spaceflight: Motion Tracking of Astronauts on Long Duration Missions for Health Monitoring*, Science Frontiers (09.2021)
2. Iliev, S.P., Mühlberg, M., Julibert, O.M., Wagner, T. et al, *Arkadiko: A lunar space station mission proposal for the development of deep space exploration – a step beyond the International Space Station*, American Institute of Aeronautics and Astronautics AIAA SciTech Forum (01.2020)
3. *The future of space exploration and my steps along the path to Mars*, ‘CSPCR’, St. Catherine's College, Oxford University, United Kingdom (01.2016)
4. *The importance of educational mobility within Europe*, ‘Gala Studenților Români din Străinătate’, Bucharest Palace of the Parliament, Romania (11.2014)

Selected Technical Reports

1. Cooper, S., Hörnblad, E., Iliev, S. P., Perlskog, J., Sahli, A., Tiainen, A., Zhang, J., *A brief design review of lunar bases*, Luleå University of Technology (08.2016)
2. Iliev, S.P., Young, J., L. Sutton, Urquidi, D.I., Sanchez, C., Mansoor H., *Bio-inspired Saltatorial Micro-Robot Design, Construction & Testing*, Imperial College London (01.2016)
3. Iliev, S.P. et al *'Everplane' Aerosattelite Concept Aerospace Vehicle Definition (Autonomous High-Altitude 1-Month Endurance Solar-Powered Airplane)*, Imperial College London (06.2015)
4. Iliev, S.P., Mihai, A., Spiridon, M., Popescu, A. *Project Paragon: Space Settlement Design*, Ovidius High School, 1st prize winning paper NASA Ames Research Centre (02.2011)