Co-Orbital Convergence – Rallying Solar Sails, Small Solar-Electric Spacecraft and Nanolanders to Help Save Us from a Nasty Neighbour Soon

Jan Thimo Grundmann^{(1)*}, Laura Borella⁽²⁾, Ross Centers⁽³⁾, Matteo Ceriotti⁽⁴⁾, Suditi Chand⁽²⁾, Bernd Dachwald⁽⁵⁾, Sebastian Fexer⁽¹⁾, Christian D. Grimm⁽¹⁾, Matthias Grott⁽⁶⁾, Jeffrey Hendrikse⁽²⁾, David Herčík⁽⁷⁾, Alain Hérique⁽⁸⁾, Tra-Mi Ho⁽¹⁾, Robert G. Kennedy III⁽⁹⁾, Christian Krause⁽¹⁰⁾, Caroline Lange⁽¹⁾, Roy Lichtenheldt⁽¹¹⁾, Iain Moore⁽⁴⁾, Ivanka Pelivan⁽¹²⁾, Dirk Plettemeier⁽¹³⁾, Dominik Quantius⁽¹⁾, Patric Seefeldt⁽¹⁾, Fabienne Seibert⁽⁵⁾

and the Fun Paper teams 2011-2021

⁽¹⁾DLR German Aerospace Center, Institute of Space Systems, Robert-Hooke-Strasse 7, 28359 Bremen, Germany – ⁽²⁾Consultants to DLR Institute of Space Systems – ⁽³⁾Planetary Sunshade Foundation, Golden, Colorado, United States – ⁽⁴⁾University of Glasgow, Glasgow, Scotland G12 8QQ, United Kingdom – ⁽⁵⁾Faculty of Aerospace Engineering, FH Aachen University of Applied Sciences, Hohenstaufenallee 6, 52064 Aachen, Germany – ⁽⁶⁾DLR German Aerospace Center, Institute of Planetary Research, Rutherfordstr. 2, 12489 Berlin, Germany – ⁽⁷⁾Institute of Atmospheric Physics, Czech Academy of Sciences, Prague – ⁽⁸⁾Université Grenoble Alpes, CNRS, CNES, IPAG, F-38000 Grenoble, France – ⁽⁹⁾stellarcorp – Tennessee Valley Stellar Corporation, Oak Ridge, Tennessee, United States – ⁽¹⁰⁾DLR German Aerospace Center, Space Operations and Astronaut Training – MUSC, 51147 Köln, Germany – ⁽¹¹⁾DLR German Aerospace Center, Robotics and Mechatronics Center, 82234 Wessling, Germany – ⁽¹²⁾Fraunhofer Institute for Telecommunications, Heinrich Hertz Institute, Einsteinufer 37, 10587 Berlin, Germany – ⁽¹³⁾Dresden University of Technology, Chair for RF Engineering, Dresden, Germany – *+49-(0)421-24420-1107, Jan.Grundmann@dlr.de



