

Special Issue

Guidance, Navigation and Control Algorithms for Satellite Formation Flying

Message from the Guest Editors

This Special Issue aims to collect contributions in a range of aspects related to GNC systems, spanning from relative navigation and the establishment and maintenance of the required relative configuration between the elements of a space distributed system, to collision avoidance monitoring and manoeuvring. Particular attention is devoted to algorithms' development and verification. Potential applications include, but are not limited to, the following:

- Formation flying missions for Earth observation;
- Formation flying missions for space observation;
- In-orbit servicing missions;
- In-orbit inspection and active debris removal missions;
- Swarms missions;
- Formation flying missions around small bodies.

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