

Postdoctoral Fellowship (PDF) Attitude Control Design (ACs) for Nanosatellite Applications

A two - year Postdoctoral Fellowship with a possibility for extension is available immediately for highly motivated candidates to design, develop, test and demonstrate attitude control system onboard nanosatellite missions.

Nanosatellites, in particular CubeSat-class spacecraft, have been increasingly recognized as valuable tools for demonstrating new technologies and HQP training, as well as being an effective means for commercial space and space-based research due to their relatively low cost.

The successful candidate(s) will serve as the primary research lead in the upcoming CubeSat mission. His/her main research contribution will be the development of various estimation and control design, which will be demonstrated and analyzed on-orbit. He will also conduct his own ACS research while he supervises the day-to-day operation of the mission and maintains close contact with the science team members. He's also expected to support the launch campaign and on-orbit technology demonstration throughout the mission.

Applicants are expected to hold a PhD or comparable degree in space science or engineering or related discipline. For more information contact

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