

Subject: The next FISO telecon colloquium (June 26): "The SPHERES Distributed Satellite Algorithm Research Aboard the ISS"

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Folks,

The next Future In-Space Operations (FISO) telecon colloquium will be next week, Wednesday, June 26, when we will host Alvar Saenz-Otero (MIT), who will speak on "The SPHERES Distributed Satellite Algorithm Research Aboard the ISS."

As always, the colloquium will be at 3pm ET and will use our regular FISO telecon number.

The speaker's presentation will be posted on the FISO server at the University of Texas by noon the day of the colloquium: <http://spirit.as.utexas.edu/~fiso/telecon.htm> .

And please note that we are now audio-recording the colloquia and archiving the recordings with the presentation materials.

Have a good weekend,

Harley

Alvar Saenz-Otero: [alvarso@mit.edu](mailto:alvarso@mit.edu)

Dr. Saenz-Otero is a Research Scientist at the MIT Department of Aeronautics and Astronautics and a consultant to Aurora Flight Sciences Corporation (previously to Payload Systems Inc.) working on both educational and research projects. His primary role is as Lead Scientist of the SPHERES program. His tasks include the development of research activities for tests aboard the International Space Station and in ground facilities including the MIT Space Systems Laboratory and the Marshall Space Flight Center flat floor. He manages a team of up to sixteen students (graduate and undergraduate) which uses the SPHERES facilities for research on formation flight controls, metrology algorithm development, fault-detection, identification, and recovery, tethered formation flight, and the Mars Orbit Sample Return. He also contributes to the AFS F6 program of fractionated spacecraft by providing a trade model analysis for wireless power transfer technologies.