

ACT NEWS

ACT Stage Opportunities

The Advanced Concepts Team offers the following student placement opportunities:

- RoboEarth for Flying Robots ([study description](#))
- Study of the aerodynamics of biomimetic plumed seeds and their hypothetical dispersal on planets ([study description](#))
- Evolving distributed vision algorithms on FPGAs ([study description](#))
- Kinetic study of collisional de-excitation processes ([study description](#))
- Probabilistic modelling of atomic radiation processes ([study description](#))

Please apply to [ESA](#) before October 31st, 2011

Please feel encouraged to spread the information to potentially interested colleagues and friends.

In case you are interested in contacting us, please send us an e-mail to: act@esa.int



Active Space Debris Removal –Final Reports available

Find the final reports of these three parallel Ariadna studies on our [website](#) under "Mission Analysis" title.

ESA ACT NEWS



Since 2009, the team has been filming the executive presentations of the Ariadna studies. You can watch them, alongside other videos of the team, on our [Youtube channel](#).

About the ACT: The aim of ESA's Advanced Concepts Team is to perform, monitor and foster research on advanced space systems, innovative concepts and working methods. The team also collaborates on studies with academic research centres through the Ariadna scheme.

GENERAL ESA NEWS

ESA Student Placements

ESA offers students a wide range of work placement options. If you are interested in a [student placement](#), please complete the online application form.

ESA- Education Office

[ESA's Education Office](#) is currently offering sponsored opportunities to develop and run experiments on several space-related platforms.

There are three Calls for Proposals open to European universities:

- 1- REXUS/BEXUS - Sounding rocket and stratospheric balloon flights (deadline for proposals 23 Oct 2011)
- 2- Spin Your Thesis! - Hyper-gravity conditions in a large diameter centrifuge (deadline 12 Dec 2011)
- 3- Drop Your Thesis! - Micro-gravity conditions in a drop tower (deadline Feb 2012)

CONFERENCES AND EVENTS

- October, 2011 [IAC2011 - International Astronautical Congress](#), Cape Town, South Africa

Check out also ESA's conference portal:
<http://conferences.esa.int>

ACT PERSONNEL

We said farewell to Giuseppina Schiavone and to Cynthia Maan. Also Stagiares Marion Nachon and Joey Latta left the team.

We welcome our new colleagues Xurxo Otero -Stagiaire in Wireless Power Systems, and Lionel Jacques -YGT who is working on Solar Power Satellites- .
([List of all ACT members](#)).