



ARIADNA NEWS:

CALL FOR PROPOSALS 07/02 RELEASED!!

The second call for 2007 is now open with a list of five study topics. Details of all these and how to submit a proposal are available at: - [Ariadna open calls](#).

Solicited Studies For CFP 07/02:

07/4201 Tethered Satellites at the Lagrangian Points, Type of activity: Extended Study (6 months, 35 KEUR)

07/7001 Metamaterials for space applications, Type of activity: Medium Study (4 months, 25 KEUR)

07/1301 Non-Perturbative Effects in Complex Gravitationally Bound Systems, Type of activity: Medium Study (4 months, 25 KEUR)

07/5201 Gossip-Based Strategies in Global Optimisation, Type of activity: Medium Study (4 months, 25 KEUR)

07/6301 Machine/animal Hybrid Controllers for Space Applications, Type of activity: Medium Study (4 months, 25 KEUR)

CFP 07/01

Two studies from the last Ariadna Call for Proposals (CFP) 07/01 respectively started in July and August 2007:

07/5202 Efficient Usage of Self Validated Integrators for Space Applications, type of study: Extended study: 6 months, 35 KEUR – UNIVERSITY OF BARCELONA

07/3108 On a chip Microdischarge thruster arrays inspired by photonic device technology for plasma television, type of study: Medium study: 4 months, 25 KEUR – UNIVERSITY OF SOUTHAMPTON

Two other studies from the same call for Proposals (CFP) 07/01 will start in October 2007:

07/8101 Evolving A Collective Consciousness For A Swarm Of Pico-Satellites, type of study: Medium study: 4 months, 25 KEUR – UNIVERSITE LIBRE DE BRUXELLES

07/4111 Asteroid Centrifugal Fragmentation, type of study: Extended study: 6 months, 35 KEUR – OBSERVATOIRE DE NICE

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<http://www.esa.int/gsp/ACT/index.htm>.

SPACE TECHNOLOGY NEWS

Periodically the European Space Agency issues Invitations To Tender (ITTs) on a broad range of subject areas and activity types, ranging from scientific and technical studies, to technology development activities or even basic infrastructure support services. A list of both the intended and currently open ITTs can be accessed at <http://emits.esa.int/>.

CONFERENCES/EVENTS ANNOUNCEMENTS

This section contains information of conferences of relevance to advanced space technology and some of the studies we are conducting.

Mini-workshop on Global Optimisation of Spacecraft Trajectory Design, 10th September, ESTEC, Netherlands.

The final presentations of three Ariadna studies called "Global Trajectory Optimisation: Can We Prune the Solution Space when Considering Deep Space Manoeuvres?", performed in parallel in collaboration with three universities, have been the core of this workshop. Presentations and more, available at:

<http://www.esa.int/gsp/ACT/events/workshops/mini-traj.htm>).

58th International Astronautical Congress, 24-28th September, Hyderabad, India, <http://www.iac2007.org/index.aspx>.

30th International Electric Propulsion Conference, 17-20th September, Florence, Italy <http://www.iepc2007.org/index2.html>.

ARIADNA IN SHORT

With Ariadna, ESA intends to strengthen the bond between Academia and ESA by providing opportunities to work in partnerships and making up-to-date information available on on-going ESA studies and advanced space technology news relevant to the academic world. Check <http://www.esa.int/gsp/ACT/ariadna/OpenCalls.htm> for news or updates on coming Ariadna call for Proposals.