

**To: SPC, SSAC, AWG, SSEWG, and
Scientific Community**

Our ref. D/SRE/ake/28381

Paris, 26 June 2012

**Subject: Announcement of Opportunity for Scientific Instrumentation onboard the
JUICE spacecraft**

Dear Colleagues,

Hereby I invite the scientific community to propose instruments to be flown on board the JUpiter ICy moons Explorer (JUICE) spacecraft.

JUICE has been selected in May 2012 as the “L1” mission in the Cosmic Vision plan, with a foreseen launch date of 2022.

JUICE is designed to visit the Jupiter system concentrating on the characterization of Ganymede, Europa and Callisto as planetary objects and potential habitats, and on the exploration of the Jupiter system, considered as an archetype for gas giants in the solar system and elsewhere.

The JUICE spacecraft constitutes the European element of a coordinated program to Jupiter and its icy moons, which also foresees a Russian Ganymede lander, to be operated by Russia in coordination with JUICE. The joint program would allow a complete characterization of Ganymede, above and beyond what could be achieved with either element alone.

The scientific instruments for JUICE will be provided by the scientific community in response to this Announcement of Opportunity (AO), that is open to scientists from the Member States of ESA and other communities with which reciprocity or specific agreements exist (such as USA, Russia, Japan). An agreement has already been established with NASA as a minor payload contributor. An agreement with Russia concerning payload provision for JUICE spacecraft and the Russian Ganymede lander is under discussion.

The attached documentation contains all the necessary guidelines and supporting scientific and technical information necessary for the preparation of the instrument proposals.

Full details can be found in the Announcement of Opportunity documentation package provided at:

http://sci.esa.int/juice_ao

Deadline for the submission of the proposal to ESA is October 15, 2012.

A briefing meeting intended to clarify technical and/or programmatic issues will be held at ESTEC, Noordwijk, on July 13, 2012. In preparation of this meeting, interested parties are required to inform the Agency by July 06, 2012 using the dedicated web page about their attendance. Letters of intent are due by the same date. Questions about the present AO should be submitted in writing to the e mail address juice@rssd.esa.int.

I look forward to your response and to a fruitful collaboration among all the JUICE national and international partners.

Yours sincerely,

A handwritten signature in blue ink, which appears to read "Alvaro Giménez", is positioned below the text "Yours sincerely,".

Alvaro Giménez
Director of the ESA Science and Robotic Exploration Programme
European Space Agency