

**International Academy of Astronautics**  
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<http://www.iaaweb.org>

**6<sup>th</sup> IAA Symposium on**  
**SEARCH FOR LIFE SIGNATURES**



*Nançay Decimetric Radio Telescope – Photo Credit J.P. Letourneur, CRDP Orleans.*

**CALL FOR PAPERS**

***Paris, France,  
March 26-27, 2015***

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**ASTRON**

Netherlands Institute for Radio Astronomy

The Sixth IAA Symposium on Search for Life Signatures is organized by the International Academy of Astronautics (IAA) and is co-sponsored by ASTRON.

## Conference Rationale

SETI (the “Search for ExtraTerrestrial Intelligence”) refers to the experiments intended to find either radio or optical signals from extraterrestrial societies situated on planets around other stars. The largest radio telescopes world-wide have occasionally pursued SETI searches since 1960, in most cases hunting for signals near in frequency to 1420 MHz (the emission line of neutral hydrogen). Optical SETI searches have been pursued since the 1990s. These attempts to detect extraterrestrial signals are called “Passive SETI”.



The discovery since 1995 of more than 2000 extrasolar planets makes it clear that SETI may now be “targeted” towards exoplanets that are situated within habitable zones, further increasing the probability of a SETI success. But many other possibilities are now widening the SETI horizon also. We might conduct SETI searches in the UV, X or gamma range, in addition to the already existing searches in the radio and optical range. Nor should we forget about the possible Neutrino SETI and Gravitational Waves SETI. And ET Civilizations might live not just on extrasolar planets, but also on their moons or even in space colonies. So, intercepting an ET message might become a matter of intercepting telecommunications from moving spaceships, whether or not relativistic. Even SETV, the Search for proofs of ExtraTerrestrial Visitations within the Solar System, should not be ruled out.

In conclusion, it is now timely to gather a large conference of experts in SETI, biosignatures, the search for terrestrial exoplanets and related disciplines from all over the globe to openly discuss the strategies of SETI. These are the goals of the 6<sup>th</sup> IAA Symposium on “Search for Life Signatures” that will take place in Paris, March 26-27, 2015. This will be just immediately after the four-day Paris Spring Meetings (March 23-26) of the IAA, IAF, IISL and COSPAR in view of the 2015 International Astronautical Congress (2015 IAC) that will be held in Jerusalem, Israel, October 12<sup>th</sup> thru 16<sup>th</sup>, 2015.

## Tentative Program

- Thursday, March 26: 12:00 Registration of all participants (passport required). Registered participants will receive badge, bag and lunch tickets  
13:00 Lunch  
14:30-17:00. IAA SETI Permanent Committee Meeting chaired by the Committee Chair, Dr. Claudio Maccone. The Meeting Agenda will be distributed in advance by e-mail. The meeting is open to all persons interested in SETI (bona fide persons), but all non-committee members will be asked to step out when the voting for the election of new committee members will take place, according to the committee regulations  
Evening free
- Friday, March 27: 9:00–13:00 Symposium opening speeches followed by presentation of three invited papers. Other presentations will follow  
13:00–14:30 Lunch  
14:30-17:00 Symposium sessions  
19:00–22:00 Symposium Dinner, at each participant’s small extra cost.

## Call for Papers

Papers are solicited on the topics of radio astronomy and SETI. Related aspects about planets orbiting the Sun and other stars, habitability and life signatures, as well as on the technological and societal aspects of finding extra-terrestrial life and establishing “contact” are acceptable also.

The Scientific Organizing Committee invites you to submit an abstract (no longer than 400 words) by email to [searchforlife@iaaemail.org](mailto:searchforlife@iaaemail.org) The deadline for papers solicitation is

Saturday, February 20, 2015.

More details and registration will be available at

<http://iaaweb.org/content/view/622/818/>

## Scientific Program Committee

Co-Chairs: Jean-Michel Contant, Claudio Maccone, Mike Garrett.

Members: Geoff Marcy, Dan Werthimer, Andrew Siemion, Joe Lazio, Ian S. Morrison, Shelley Wright, Lucianne Walkowicz

## Registration Fee

Registration fee will be operational in the IAA website in a very few weeks. Participants will likely be asked to pay a fee about 150 Euros. The conference dinner, not included in the registration fees, for participants and their guest will be announced later and registration will be operational as well on the IAA website.

## Hotel Accommodation

Each participant will be responsible for booking and paying for his/her hotel room.

