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## **EUROPEAN SPACE AGENCY**

### **Vacancy in the Directorate of Human Spaceflight**

The European Space Agency is an equal opportunity employer and encourages applications from women

#### **POST**

Head of the Science and Applications Division in the ISS Utilisation Department, Directorate of Human Spaceflight.

This post is classified A5 of the Coordinated Organisations' salary scale.

#### **LOCATION**

ESTEC, Noordwijk (The Netherlands).

#### **DUTIES**

Under the authority of the Head of the ISS Utilisation Department, the postholder will be responsible for the definition of the Research Strategy in the European Programme for Life and Physical Science in Space (ELIPS programme) using the ISS and other mission platforms. In this capacity, the postholder's duties cover in particular:

- defining in consultation with Advisory Groups the key scientific objectives in Life and Physical Sciences (including related Technology, Exobiology and scientific preparation for Human Spaceflight/Exploration) for the utilisation of the ISS and other available research platforms;
- within the scope of the above, defining the composite strategy and key objectives for the whole spectrum of Fundamental Science, Applied Research and Industrial R&D purposes, including the organisation of (co-) funding for these activities by industry itself, the European Commission or other sources;
- organising Announcements of Opportunities for experiments, research programmes and Topical Teams. Supporting the analysis of the results in terms of long-term elements and technological requirements;
- with respect to the ISS and other microgravity platforms, acting as primary interface towards the scientific and industrial users involved in selected research projects and representing them within ESA and towards industry and other relevant entities;
- managing Topical Teams, Application oriented and industry research projects in Life and Physical Sciences;
- coordinating in the role of the ELIPS programme scientist the overall research plan preparation and defining programme proposals for future phases of the ELIPS programme.

In particular, this includes in the frame of the implementation of the ELIPS programme science management responsibilities as follows:

- with respect to the ISS and other microgravity platforms, establishing and maintaining science coordination relations with other Space Station Partners and other Space Agencies of the respective scientific objectives in Life Sciences, Physical Sciences, Exobiology and Human Exploration, among others through participation in the PSF, ISLSWG and IMSPG international Working Groups;
- establishing and maintaining relations with other relevant ESA Directorates to coordinate on science activities with common interest in the frame of the Directorate's strategy and in consultation with other entities in the Directorate of Human Spaceflight;

- identifying and implementing joint research activities with the European Commission, in close cooperation with the Director General's Policy Office and the Directorate's entities concerned;
- establishing relations with the European Science Foundation, National Research Councils and other relevant organisations;
- providing the Executive Secretariat to the Life and Physical Sciences Working Groups (LSWG and PSWG, respectively);
- providing support as requested by the Directorate in establishing the liaison with the High Level Science Policy Advisory Committee (HISPAC), the Human Exploration Science Advisory Committee and the Advisory Groups of other ESA Programme Directorates (Science and Robotic Exploration, Technical and Quality Management, Earth Observation Programmes, Telecommunications and Integrated Applications, Galileo Programme and Navigation related activities);
- representing the scientific aspects of the ELIPS Programme in the ESA internal boards such as ISS Mission Management Team (MMT), Exploitation Management Board (EMB), Utilisation Implementation Board (UIB) and Payload Control Board (PCB);
- coordinating science implementation aspects closely with the Mission Science and Resources Planning Office, the payload development divisions and the ISS payloads integration and operations Division;
- supporting the Directorate's Chief Scientist;
- supporting the Directorate's Coordination Office in establishing the scientific content of the ISS Education Programme.

## QUALIFICATIONS

Applicants should have a PhD in a relevant scientific discipline and demonstrated experience in project management as well as in international cooperation. Research experience in, or knowledge of the domain of Sciences in space is a strong asset.

Applicants should demonstrate the ability for system approach and thinking as well as a strong capacity to manage interdisciplinary teams. A strong aptitude for relationship management as well as good communication skills are essential requirements for the post.

The working languages of the Agency are English and French. A good knowledge of one of these two languages is required together with a working knowledge of the other language. Knowledge of another member state language is an asset.

## CLOSING DATE

The closing date for applications is **11 November 2009**.

Applications from external candidates for this post should preferably be made [on-line](#) at the ESA Web Site ([www.esa.int/careers](http://www.esa.int/careers)). Those unable to apply on-line should submit their CV to the Head of the Human Resources Division, ESTEC, Keplerlaan 1, 2201 AZ Noordwijk ZH (The Netherlands).

ESA staff members wishing to apply for this post should fill in the [Internal Application Form](#) and email it to [Apply2ESTEC](#)

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**Under ESA Regulations, the age limit for recruitment is 55. Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, the United Kingdom and Canada.**

**In accordance with the European Space Agency's security procedures and as part of the selection process, successful candidates will be required to undergo basic screening before appointment. ESA also reserves the right to conduct an in-depth investigation as required and in accordance with its security policy.**