

Immediate Opportunity

Science Education, Training and Dissemination Position (IMPRESS-2006-03.fm)

Space Applications Services performs space system engineering and provides consultancy services to the European Space Agency, National Space Agencies and the space industry. We are involved in international unmanned and manned spacecraft programmes including science training, payload training, astronaut training and educational aspects.



The IMPRESS Integrated Project is a large ambitious project in the scientific discipline of material science, which has been selected for funding by the European Commission (EC) after submission of the EC's 6th Framework Programme (FP6). IMPRESS is an acronym for Intermetallic Materials Processing in Relation to Earth and Space Solidification.

The 5 year project focuses on fundamental and applied research in the field of novel higher performance inter-metallic materials for extreme industrial applications, namely gas turbine blades for aeronautical and ground-based turbines and catalytic electrodes in hydrogen fuel cells.

Experience

S/he will possess a Degree (BEd./BSc./MSc.) qualification in an engineering or science discipline and have teaching experience. We envisage that a science teacher or scientifically oriented educationalist who may also have experience with training, dissemination, outreach and PR would have a suitable background. S/he will be a self-starter and will be expected to have a large degree of autonomy, have well-developed communication skills and have a willingness to work as part of an international team.

Tasks

Main activities will include:

- Setting up and providing educational material for an IMPRESS Virtual Institute, with advice from the International Space Station (ISS) User Information Centre at ESA;
- Planning and developing an IMPRESS Education Kit, with advice from the ESA Education Department;
- Coordinating the various training courses, in accordance with the IMPRESS work-plan;
- Aiding the usage of tools, such as LearnLinc Software, which will allow the IMPRESS partners to participate in e-meetings and e-learning;
- Organising the dissemination and publication of documents via high-level material science journals, trade magazines and conferences;
- Coordinating with European science museums in the setting up of museum exhibitions and displays;
- Preparing and organising possible educational in-flight events from the ISS;
- Collecting and maintaining an archive of all research publications from the IMPRESS partners;
- Providing information to the team relating to gender equality and gender-related networks;
- Representing the IMPRESS Project to internal/external researchers, peer groups and the general public;
- Providing suitable inputs to the EC's periodic reporting for IMPRESS, e.g. Dissemination Plan.

Reference documents

For Materials and IMPRESS-Specific information, visit the ESA 'Material Science in Space' web site (www.spaceflight.esa.int/users/materials) and for general information visit the ESA 'Research in Space - ELIPS programme' web site (www.esa.int/export/esaHS/research.html).

Conditions

The work will be performed primarily in the Netherlands with some international travel. A competitive remuneration package and additional benefits for work in foreign countries will be provided. A good command of spoken and written English is required. Application by e-mail is preferred and should include a Motivation Letter and CV, in English, and be marked IMPRESS-2006-03.fm. Please visit our web site for further information on the company. For additional information please contact:

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Career Opportunity