



Edition October 2014

Career Newsletter

Dear Reader,

We hope you enjoy our Career Newsletter with our latest **News**, an offer for **Free Career Advice** and an article on **How do I get into Orbit?**

Visit our renewed Facebook *HE Space Careers* page and stay up to date and get the hottest space jobs and news! Follow us!



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Mars Rover Fun Day!



On 9 October scientific robots explored the Mars-like outdoor terrain of the Company Decos in Noordwijk, the Netherlands. Decos and HE Space invited four Robotic teams to make a test run. The teams put their advanced robots to the test and gave them challenging tasks to perform while driving a course over the terrain.

The participating teams were all from Germany and had been participants in the DLR Space Bot Cup last year. In this national contest their robots had to identify and detect some objects on a planet-like surface. Next, they were required to transport the object and to store it as quickly as possible.

With the Mars Rover Test Drive HE Space and Decos wanted to challenge scientists to venture in unknown territory.

"We were organizing this challenge, because we want to inspire students and scholars to exploit their skills, their brains and technology to the fullest," said Claudia Kessler, CEO at HE Space. "In future missions to other planets robots will play an important role. All actions in space start with a challenge for people on earth."

"On earth robots will form an essential part of our future," adds Paul Veger, CEO at Decos. "That's why we embrace this progress and want to encourage this further. And where can we challenge them better than on our own alien terrain?"

Watch the [Mars Rover Movie!](#)



Free Career advice

For many years, HE Space has supported the Young Professional and the Emerging Space Leaders Program of the International Astronautical Federation (IAF). Earlier this year, the HE Space Children's Foundation and IAF signed an agreement that the Foundation will sponsor two young people to attend the 2014 International Astronautical Congress (IAC) in Toronto. We also wanted to help some other young professionals starting out on their career who were attending the IAF in Toronto as part of the Emerging Space Leaders grant programme. To this end we organised an interactive careers workshop at our stand – 11 of the group attended and put us through our paces with some challenging and insightful questions.



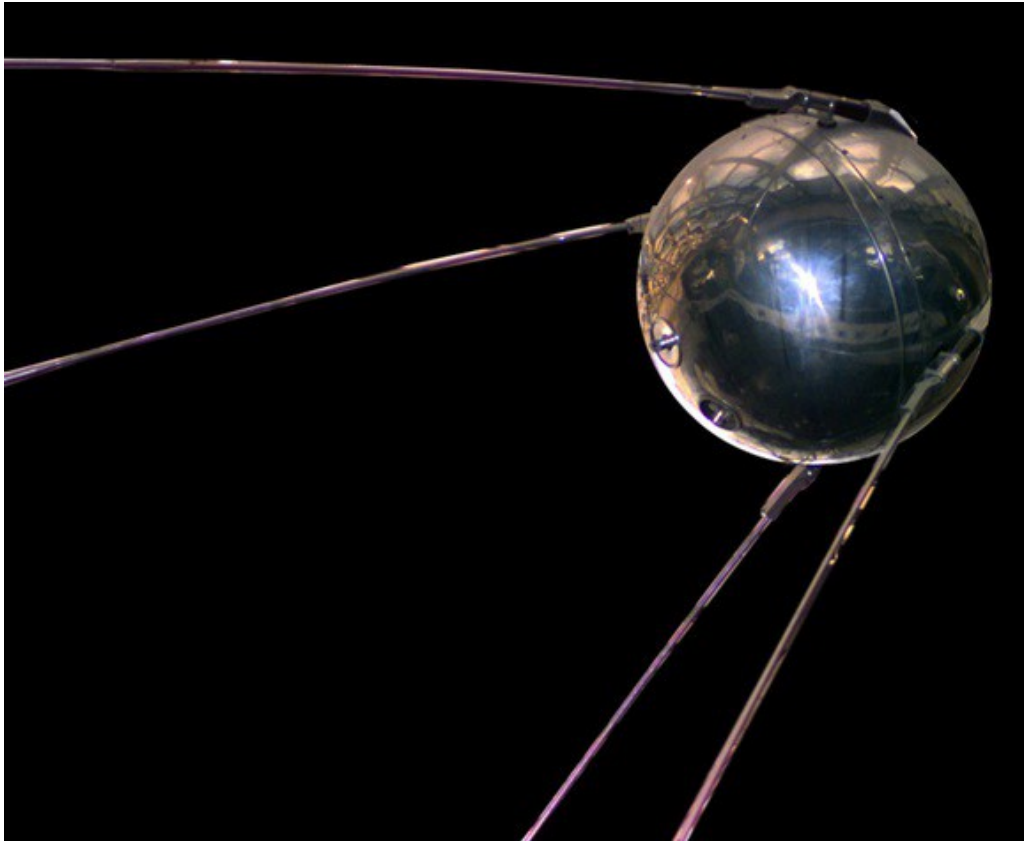
Julia Niehaus (Picture left), one of our recruiters, helped them with social media profiling; Leanna Roscoe shared some CV tips and tricks and Keith Muirhead told them about building a career in the competitive but rewarding world of space. We followed up the group session with individual advice to the participants and email feedback on their revised CVs. It was good for us to share knowledge from our 'side of the desk' and the feedback from our audience was positive. We hope to run something similar at other conference venues.

We want to offer this opportunity to you as well. The first 10 replies will get free CV or career advice. Please send an e-mail to Marta Siwinski at msiwinski@hespace.com.

So... How do I get into Orbit?

On October 4th, 1957 the Soviet Union amazed the world by placing the first man-made object, Sputnik 1, in orbit around the Earth. Explorer 1, the first US satellite, was orbited soon thereafter on Jan 31st, 1958. Since that fall-winter of 1957-58, the "Space Age"

has blossomed!



Pic: ESA

FIGURE 1: SPUTNIK 1 (UNDERSTANDING SPACE: AN INTRODUCTION TO ASTRONAUTICS FIG. 2-25)

Today there are more than 3,800 operational spacecraft in orbit around the Earth providing incredible benefits to man. There are literally thousands of old spacecraft, pieces of old spacecraft, and spent rocket pieces orbiting along with them. Clearly we have learned how to put things into orbit! Let's take a look at the fundamentals behind this amazing feat called orbit. [Read more](#)

5 Star Jobs

Our latest star jobs!

- ★ Passive Component Engineer in Noordwijk
- ★ Spacecraft Operations Engineer for Sentinel 2 in Darmstadt
- ★ Avionics System Engineer in Bremen
- ★ SAF Support Engineer in Darmstadt
- ★ Development Engineer for Mechanical Analysis in Friedrichshafen

For [more vacancies](#) check our website!

HE Space live

November

6 November [Innovate UK](#), London, UK

18-20 November 12th Reinventing Space
conference
London, UK

HE Space supports the special

Check out our projects !

and

Watch our Company Movie!

**Reinventing Space career event on the
19th!**

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