

Careers at the European Space Agency

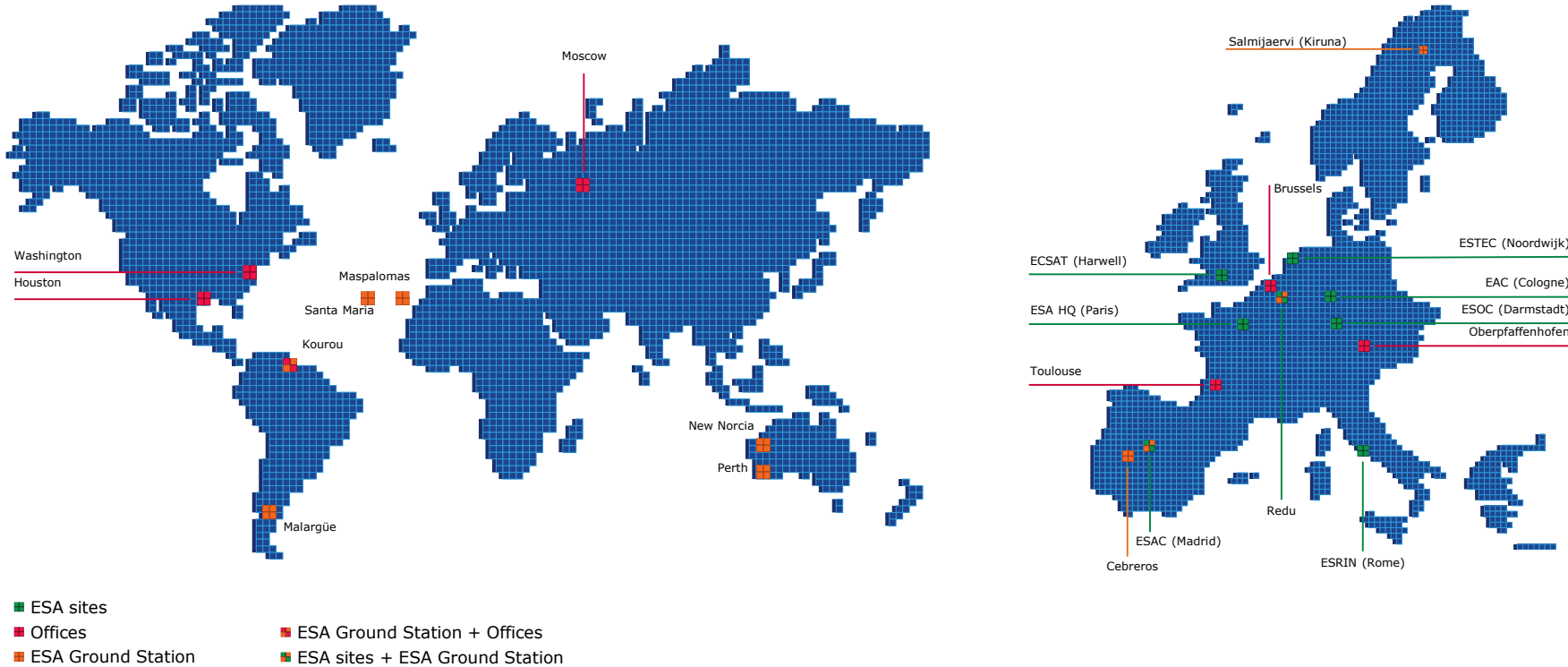
Be a Star in ESA's Universe

Fiona Walsh – Human Resources Advisor - Science Directorate

- Over 50 years of experience
- 22 Member States
- 8 sites/facilities in Europe, about 2300 staff
- 5.75 billion Euro budget (2017)
- Over 80 satellites designed, tested and operated in flight



ESA Locations

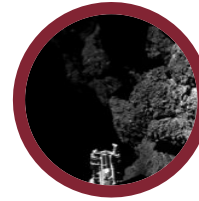


Nearly all areas of space activity

Scientific Programme and Basic Activities are **Mandatory Programmes**

All Member States contribute according to GNP

All other programmes are **Optional**



space science



human spaceflight



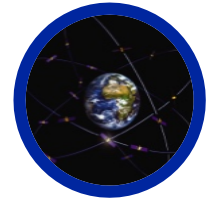
exploration



earth observation



launchers



navigation



operations



technology

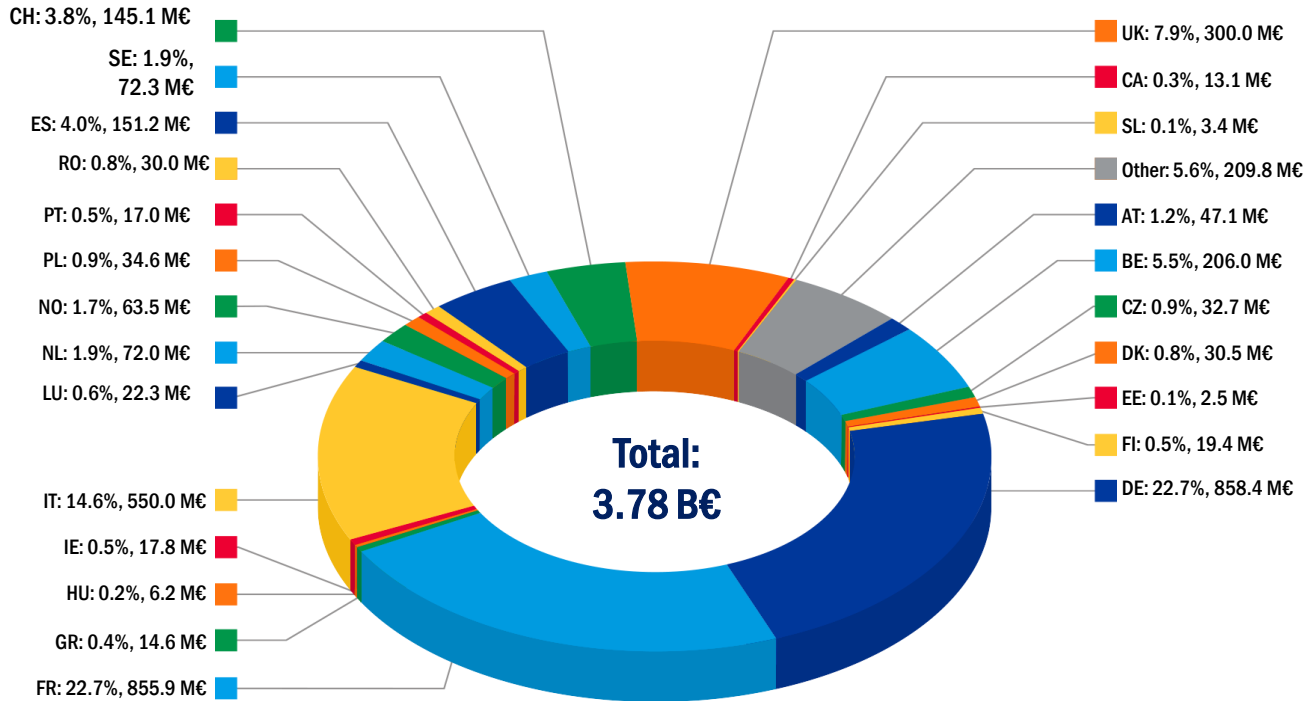


telecommunications

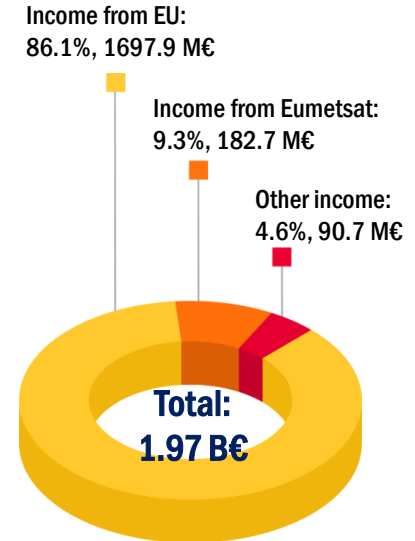
ESA budget for 2017: 5.75 B€



ESA Activities and Programmes



Programmes implemented for other institutional partners

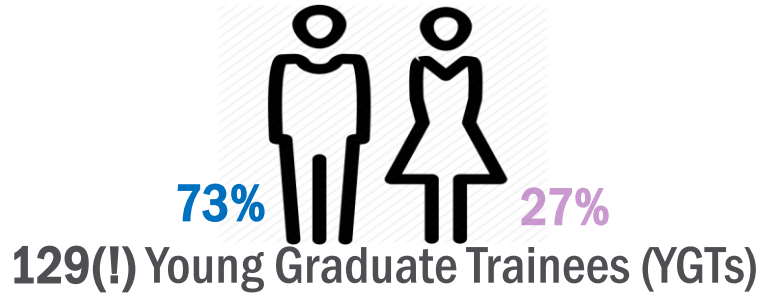


B€: Billion Euro M€: Million Euro



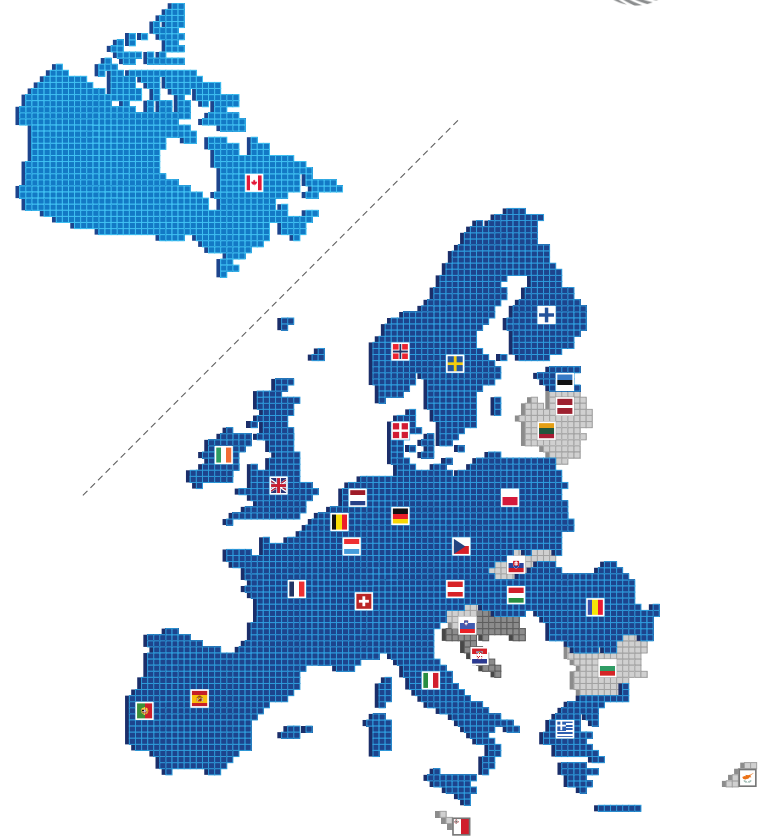
Workforce including YGTs & RFs

2289 staff from 22 Member States and Canada



52 Research Fellows (RF)

ca 720(+) Contractors



Agenda

About ESA

Possibilities / Opportunities / Chances

More Info

What we can offer...
(apart from astronauts)



...to become a star in ESA's universe

ESA Astronauts – app. 10,000 applicants in 2008



**Andreas Mogensen
(Danish)** ↓

↓ **Alexander Gerst
(German)**

**Timothy
Peake
(British)**



**Samantha
Cristoforetti
(Italian)**



**Luca
Parmitano
(Italian)**



**Thomas
Pesquet
(French)**



**Matthias
Maurer
(German)**



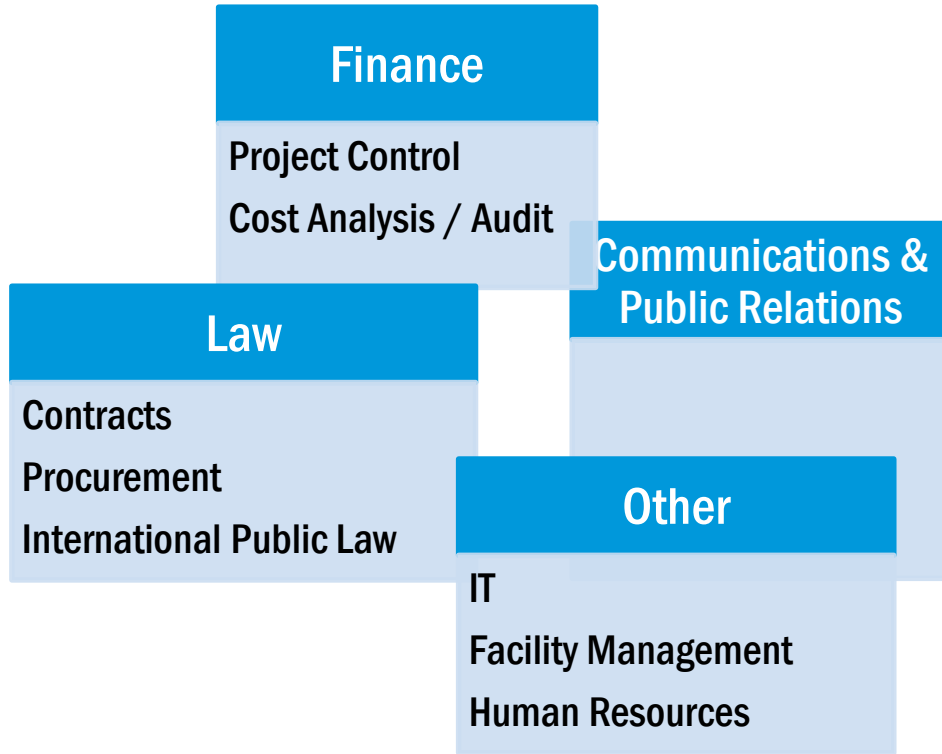
Technical & Scientific Disciplines



Discipline	Location Netherlands	ESTEC Germany	ESOC Italy	ESAC Spain	ECSAT UK
Applied mathematics	✓	✓			
Earth observation & environmental science (geophysics, meteorology, climatology)	✓		✓		✓
Electrical engineering	✓	✓			
Ground segment systems & operations		✓	✓	✓	
Life & materials sciences, materials & processes engineering	✓				
Mechanical engineering	✓				
Product/quality assurance & safety	✓	✓	✓	✓	
Planetary & space science (astronomy, astrophysics, solar & heliospheric physics)	✓			✓	
Software Engineering	✓	✓	✓	✓	
Systems Engineering	✓				
Telecom & integrated applications	✓				✓



Non-technical disciplines at ESA



What are we looking for?

-  Masters or PhD level
-  Professional curiosity & expertise
-  Passion for space
-  Language skills/multi-cultural aptitude
-  Industrial experience



What do we offer?

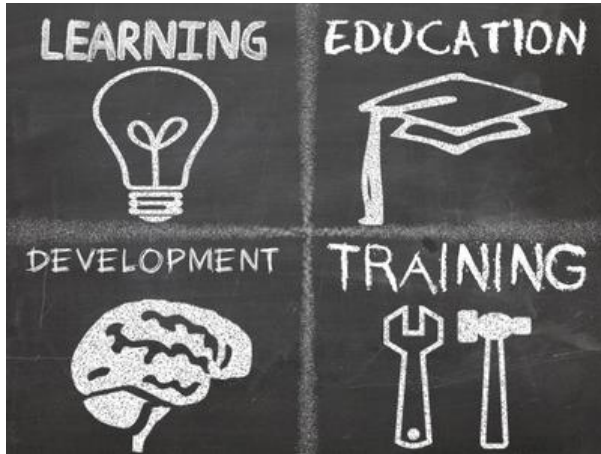
Intellectually stimulating

Team-oriented/international

Extensive social/sports clubs

Competitive conditions





- ensure that competencies/skills remain aligned with ESA's vision
- help staff move forward in their career

200+/- training courses



Business Efficiency and Personal Development

ESA Environment

Leadership and People Management

Technical and Project Management

-  Young Graduate Trainees
-  National Trainees Programmes
-  Research Fellowship Programme
-  Students Placements
-  Network Partnering Initiative

More information: http://www.esa.int/About_Us/Careers_at_ESA



Recent **Masters Degree** graduates, with limited professional experience



Preparation for a job in Europe's space industry/research institute



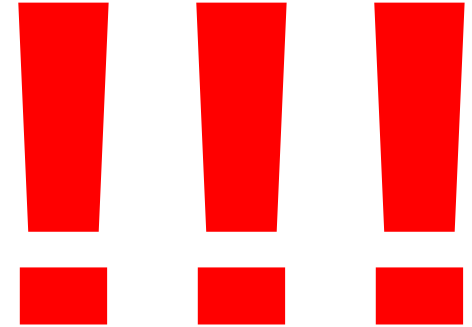
Rich personal and professional experience of living and working in another country in a **diverse and international environment**



1 year, with possibility for 1 additional year

Trainee Opportunities

- Advertised mid-November on the ESA Careers web site
- Interviews February/March
- Start date between May/Sept



113 traineeships in
2017(!) –
all establishments

2016:
3000 applications,
27% female

34% women recruited
– Gender policy for
women in technical
and scientific roles

YGT secondment to Industry

**Follows the
ESA
traineeship**

**1 year
secondment in
European Space
Sector**

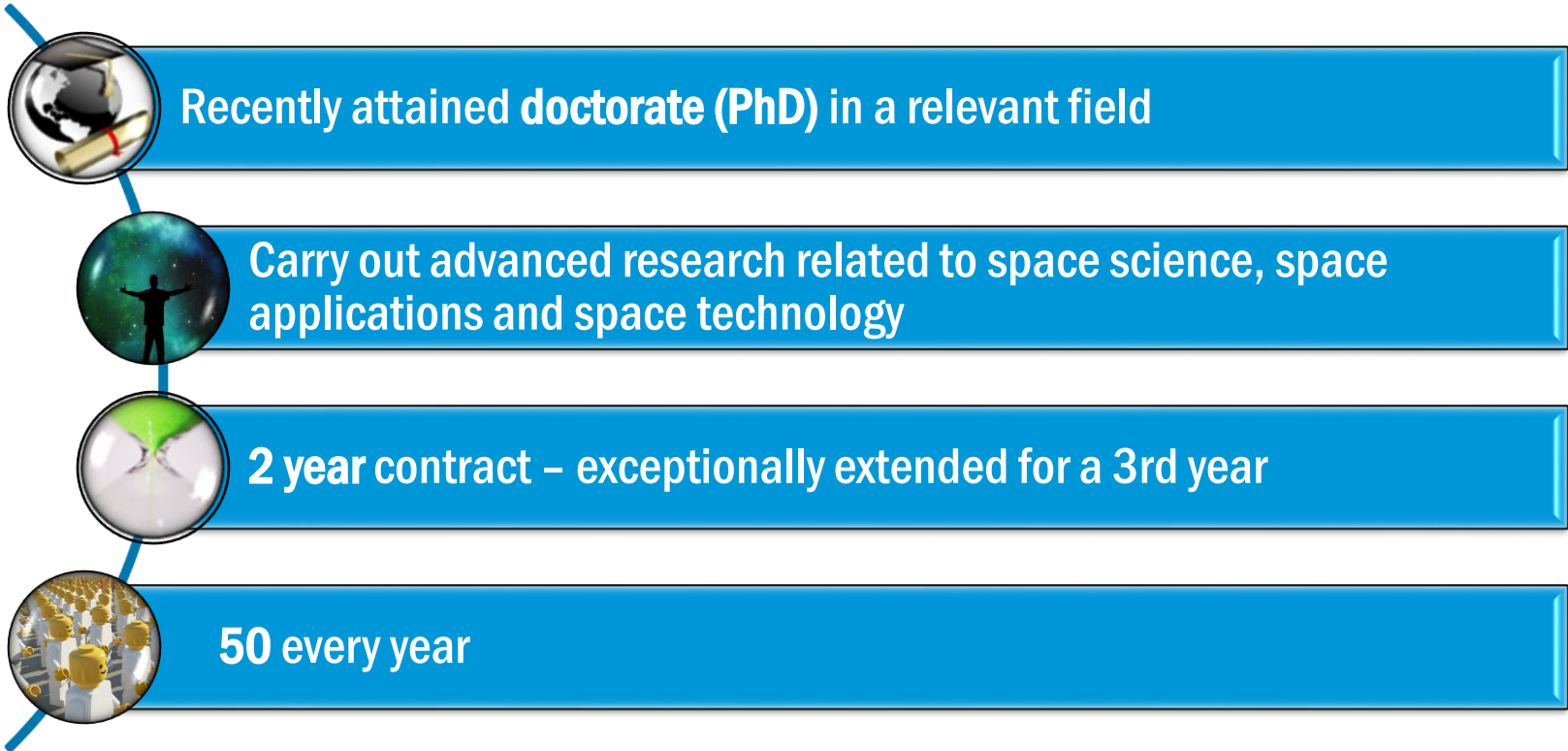
**Better investment
of our best young
talents**

**Who: YGTs
who excel in
performance**

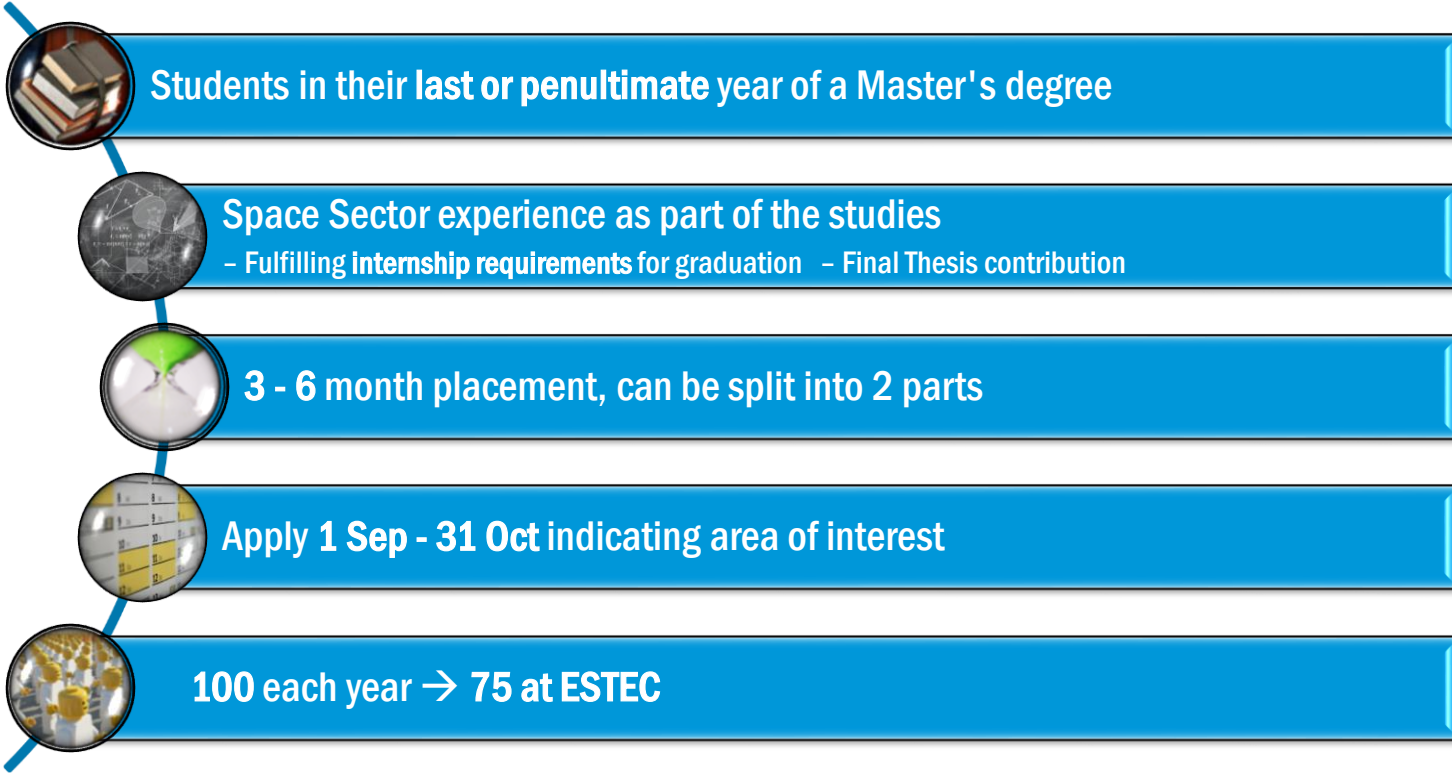
**Assignment
agreed
between ESA
and hosting
company**

**We are looking
to expand the
scheme –
develop more
co-operations
with space
companies**




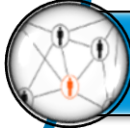

Research Fellowship Programme



Students Placements (Intern)



Network/Partnering Initiative

-  Co-funding of research projects up to 50% or max. €30K/year for doctorate degree investigations
-  Access to the ESA laboratories & facilities - 6 - 12 months
-  Technical support – collaboration with ESA experts to discuss proposal concepts and verify potential for space applications
-  Networking – can search for industrial partners for further cooperation and to build 'innovation networks' through ESA links
-  Selection of proposals takes place twice a year

After an ESA Traineeship...



Agenda

- About ESA
- Possibilities / Opportunities / Chances
- More Info

ESA Career Web Page



- STUDENT
- PE
- Post Docs: Res Fellowship
- PhD students:
- Network/Partn
- Graduates: You
- Graduates: Nat
- Student Internships

ESA > About Us > Careers at ESA

Search here

LATEST NEWS [More News](#)

ESA Young Graduate Trainees share their experiences in videos
To kick off our application period for new Young Graduate Trainee (YGT) opportunities, ESA YGTs shared their experience. Until the appli...

Apply now for new Young Graduate Trainee opportunities!
New Young Graduate Trainee (YGT) opportunities at ESA have been published and will be open from 20 November to 17 December 2017.

Autumn job fairs 2017
The list of job fairs in the autumn of 2017 in which ESA will participate with experienced engineers, scientists and representatives fro...

→ A UNIVERSE TO EXPLORE
ESA is exploring Earth's immediate surroundings, from low-Earth orbit with the ISS to the Moon, Mars and beyond.

JOIN US

The Careers at ESA page is designed to give our potential future colleagues an introduction to the opportunities and entry points to working at ESA, and a walkthrough of what the daily life at ESA is like. Vacancies are continuously updated, and we also encourage you to subscribe to the vacancies. [read more](#)

STUDENT OPPORTUNITIES	WORKING AT ESA	PEOPLE OF ESA
<ul style="list-style-type: none"> • Post Docs: Research Fellowship • PhD students: Network/Partnering Initiative • Graduates: Young Graduate Trainees • Graduates: National Trainees • Student Internships 	<ul style="list-style-type: none"> • Vacancies • Recruitment Process • Recruitment Policy • Salary and Hours • Family Friendly environment • Social Security and Pensions • Expertise and Development 	<ul style="list-style-type: none"> • Mission Science • Science Operations • Operations Engineering • Expert Engineering • Project Engineering • Business and Administration Services

Vacancies

ESA Competency Framework

ESA Establishments

ESA Careers Brochure

How to become an astronaut

Student projects

Newcomers

Frequently asked questions

Useful Links



ESA and ESA Careers

<http://www.esa.int/>

[http://www.esa.int/About Us/Welcome to ESA](http://www.esa.int/About_Us/Welcome_to_ESA)

[http://www.esa.int/About Us/Careers at ESA/Vacancies](http://www.esa.int/About_Us/Careers_at_ESA/Vacancies)

[http://www.esa.int/About Us/Careers at ESA/Postdoctoral Research Fellowship Programme](http://www.esa.int/About_Us/Careers_at_ESA/Postdoctoral_Research_Fellowship_Programme)

[http://www.esa.int/About Us/Careers at ESA/Young Graduate Trainees](http://www.esa.int/About_Us/Careers_at_ESA/Young_Graduate_Trainees)

[http://www.esa.int/About Us/Careers at ESA/Student internships](http://www.esa.int/About_Us/Careers_at_ESA/Student_internships)

Multimedia

[Looking for Bright Minds](#)

[ESTEC: ESA's Space Research and Technology Centre](#)

Social Media - Facebook



Visit ESA Facebook
ESA - European Space Agency

ESA - European Space Agency
Published by Carl Walker [?] · March 3 at 9:55pm · €

Next week, on Monday we'll be at UCL, Louvain-la-Neuve, Belgium (09.00-17.00), then on Thursday at ETH Zürich, Switzerland (10.00-17.00). Join our engineers on the ESA stand to talk about their experience and your entry options. See if we're at an event near you...
http://www.esa.int/Abo.../Careers_at_ESA/Spring_job_fairs_2017



Spring job fairs 2017
ESA INT

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3 shares

Rui Vaz Take note ESA - European Space Agency - https://techcrunch.com/.../nasa-released-a-ton-of-...
Like · Reply · Message · 1 · March 3 at 10:19pm

ESA - European Space Agency Check our web site... loads there already... <https://www.cosmos.esa.int/web/esdc>
Like · Reply · 1 · Commented on by Carl Walker [?] · March 3 at 10:46pm · Edited

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Overview

ESA - European Space Agency
Published by Carl Walker [?] · 1 hr · €

Hello Belgium! Today we are in Louvain-la-Neuve for Journées de l'Industrie, and at 15.00 we're doing a presentation. Come along and talk to us! Check out if ESA is coming to an event near you on http://www.esa.int/Abo.../Careers_at_ESA/Spring_job_fairs_2017



12,370 people reached Boost Post

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2 shares 1 Comment


Betty Troisne d'Argent 🙌👍
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Posted by Andreas Lyder Pedersen • 3/2/2017 • [Sponsor now](#) ...

 **Careers At ESA**
4d

Interested in Space?

YouSpace has launched a LinkedIn group! YouSpace is dedicated to the Space sector to share innovations, events, success stories, job opportunities, dialogues, internships, ... between Students, Academics, Researchers, Industrials, Institutionals (Space Agencies, EU Commission, ...) and everybody involved in this fascinating sector!

Check it out! <https://lnkd.in/gr7gTW2>

81 Likes · 6 Comments

Organic Reach
Targeted to: All followers

25,380 Impressions	4.06% Engagement	Sponsoring an update allows your company to reach non-followers. Learn More
937 Clicks	94 Social Actions	

Questions???



Thank you for your attention

