

AGENCY

Student applications now open for the Technology Transfer & Innovation Workshop 2018

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ESA / Education / ESA Academy

Are you a highly motivated 3rd or 4th year Bachelor, Master, or PhD student in engineering or science, with a keen interest in technology and innovation? ESA Education Office is searching for 30 such students to participate in the pilot edition of the new Technology Transfer & Innovation Workshop.

Developed in close collaboration with the [Technology Transfer & Business Incubation Office](#), it will be held from 13 to 16 November 2018 at ESA Academy's [Training & Learning Facility](#) in ESEC-Galaxia, Transinne, Belgium.

Technologies and satellite systems developed by the space industry are here to [help in our everyday lives down here on Earth](#)! Satellite systems are part of the way we communicate, navigate and benefit from location-based services. Space technologies are being used to improve health care, water recovery, waste management and more, and also in highly specialised fields such as motor racing, skiing, and sailing. Technology transfer needs people with creative flair and vision; skills that this workshop aims to develop.

Delivered by ESA specialists, and external experts from start-ups and industry, participants will be exposed to the near-infinite possibilities of technology transfer, and the essential role of innovation. There are many opportunities for entrepreneurs wanting the challenge of developing new products!

— Thanks to technology transfer, space technology benefits our lives here on Earth in many unexpected ways!

During the workshop, participating students will learn through various lectures about different disciplines within the field of Technology Transfer & Innovation, including patenting, entrepreneurship, and business incubation. This is not a strictly academic course though, as focus will be given to hands-on experiences. Group assignments will see students taking a real ESA patent and brainstorming potential application ideas, and developing a business model around it. At the end of the week, the students will follow in the footsteps of real entrepreneurs by pitching their ideas!

Draft schedule

Day 1	Introduction to Technology Transfer and Innovation Introduction to Patenting Presentation of an ESA Patent Group Assignment: Technology Transfer - From Fiction to Reality
Day 2	Technology Transfer Programmes Practical Case Examples Group Assignment: From Patent to Application ESEC-Redu Visit
Day 3	Introduction to Entrepreneurship and Business Incubation Business Canvas Model Start-up, from Idea to Business Group Assignment: From Application to Business