



TECHNISCHE
UNIVERSITÄT
DARMSTADT

International Project Week for
Interdisciplinary Research-Oriented Digital Learning





Main objectives

Originated in 1998 as “IGE” (Introduction to German Engineering). By 2012, evolved into an interdisciplinary and international project. By becoming a project within UNITE!, INSPIRED is entering a new, digital pan-European and global format.

For students

- To take part in an interdisciplinary “real life” research project
- To experience the academic and social diversity of the international research community
- To enjoy an immersive experience in German industry and culture
- To explore future education and career perspectives

For universities & other partners

- To expand and deepen connections for future collaborations
- To connect faculty internationally
- To afford networking opportunities
- To increase visibility of the university/institution in an international context
- To improve and expand exchange programs



Prep-phase

Do-phase in Darmstadt, Germany

Brace yourself!

Our digital introductory courses will prepare you for what is to come in the summer

Our e-learning portfolio will introduce you to the key principles of mechanical engineering, materials science, and (synthetic) biology and provide you with up-to-date research practice guidelines as well as a set of valuable soft skill tools

Launch: March 30, 2020

Engage!

Work on a fascinating project as part of an international and interdisciplinary team supported by research assistants and specialists in each discipline

Discover the learning factories at the campus of Mechanical Engineering and experiment in our state-of-the-art labs at the Biology Department

June 15 – 26, 2020

Get INSPIRED!

Visit leading German companies and witness first-hand industrial applications of science-based solutions

Connect and collaborate with peers from all over the world, bringing a variety of cultural and professional backgrounds to the table

June 29 – July 3, 2020



The Mission

Darmstadt, as home to the European Space Operations Centre (ESOC), the main mission control hub of the European Space Agency (ESA), is the continent's gateway to the universe. INSPIRED, as the 'mission control centre' of the International Project Week for Interdisciplinary Research-Oriented Digital Learning, invites you to look to the stars as well.

As part of a dynamic team of young researchers and (bio-)engineers, you will be tasked with a design of a multifunctional and flexible

INTERSTELLAR RE-FACTORY

Reach into a multidisciplinary toolbox to re-cycle, re-fine, and re-engineer organic and inorganic resources. Re-deploy them to manufacture outputs ensuring sustainability of off-world travel and space exploration.

Mission Control



Mechanical Engineering



Biology



Materials Science



PREREQUISITES

Enrolled in a university undergraduate or graduate program

General interest in Engineering & Life Sciences and studying abroad



APPLICATION PROCESS

Online application via the INSPIRED website

Deadline: February 7, 2020



TRANSFER OF CREDITS

6 CP ECTS

(3 US/Canadian credit semester hours)



PROGRAM FEE UNITE! STUDENTS

Costs: € 400

Includes housing & meals, local transport, insurance, visit at ESOC, and course materials

Does not include travel expenses



INSPIRED 2020 | We are at your disposal for further queries!

Visit us online:

www.inspired-darmstadt.com

<https://youtu.be/AkJ2fVJp8s4>

https://twitter.com/INSPIRED_Da

Contact us:

info@inspired-darmstadt.com



Agata Staniek, Ph.D.

Postdoctoral Research Fellow

Technische Universität Darmstadt

Plant Biotechnology

and Metabolic Engineering

Schnittspahnstr. 2

64287 Darmstadt

B1|08

Room 106

Tel.

+49 6151 / 16 20906

Email

staniek@bio.tu-darmstadt.de



TECHNISCHE
UNIVERSITÄT
DARMSTADT