



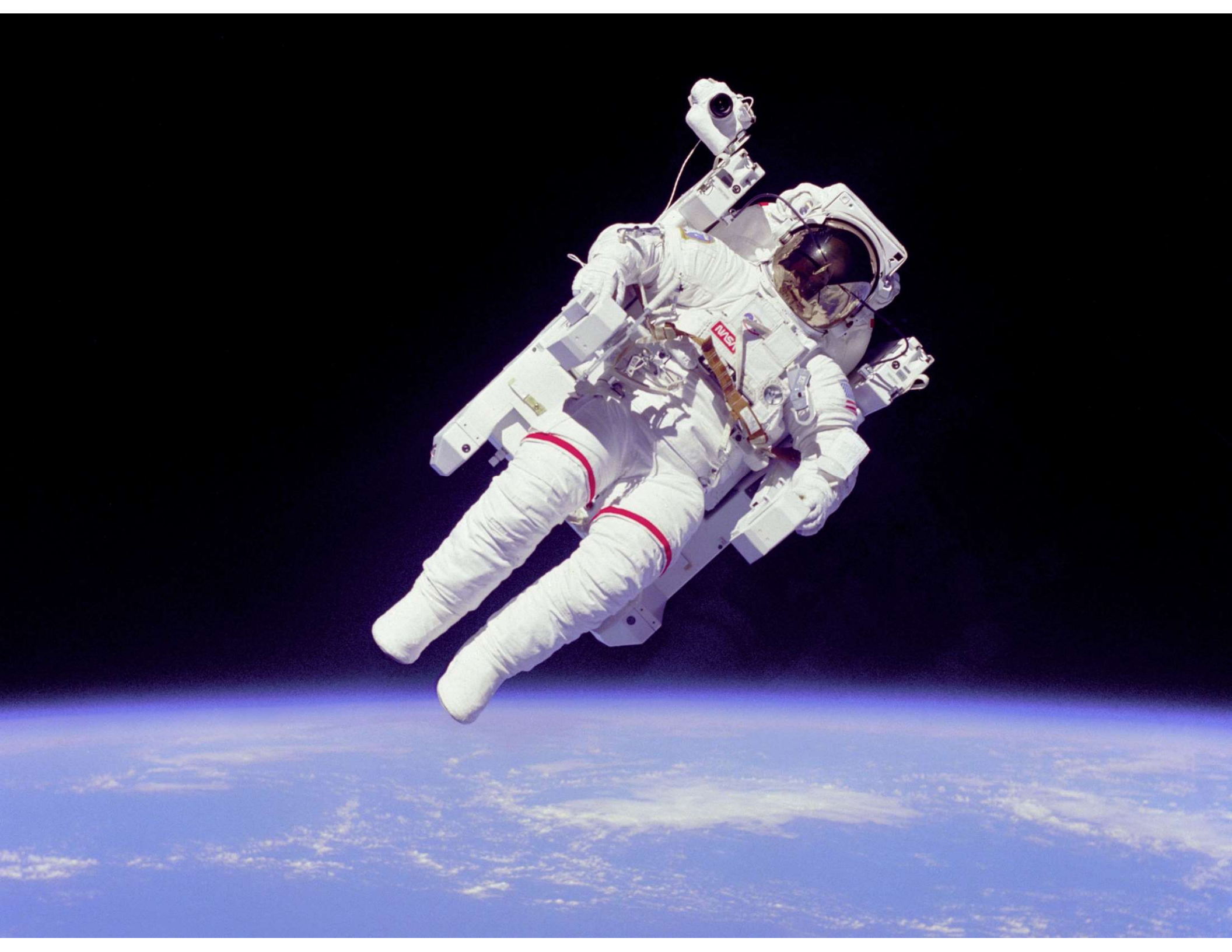
# Honours Program Master

## Challenging the ambitious AE student

Jos Sinke / Jeanet Rink

Coordinator Honours Programs - Aerospace Engineering

October 24, 2023



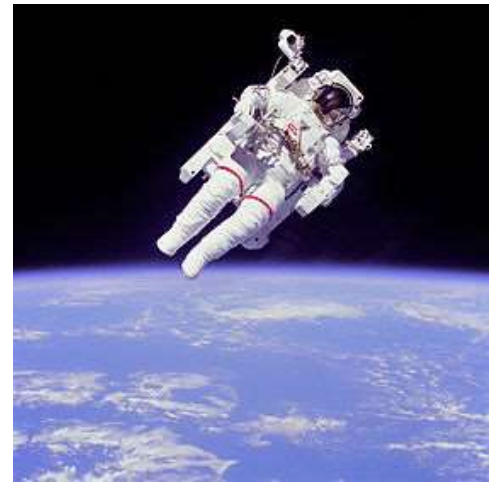


# Contents

- Program objectives
  - Program description
  - Eligibility
  - Procedure
  - Ideas and examples
  - Scheduling
- 
- Honours student experience:  
**Oscar Lafuente Arjona**



# Qualifications of an Honours student



- Committed and ambitious to become a leader in your profession or an expert in your specialism
- Broad interest and eager to learn
- Self-awareness of your goals and capabilities
- A strong drive and motivation that lead to outperformance in your study
- It is not only about intellectual properties, also about social competences, scientific attitude, talent, ambition, passion

# The Honours Program Masters

- An additional  $\geq 20$  EC program on top of your Master
- 5 EC compulsory interfaculty course
  - Choice between: Technology Expertise in Public Debate (starting in Q2, Q4), Business Leadership for Engineers (starting in Q3), Materials in a sustainable society or Entrepreneurship and Innovation (both starting in Q4)
  - send an email to [academiccounsellor-ae@tudelft.nl](mailto:academiccounsellor-ae@tudelft.nl) to register for the course of your choice
- $\geq 15$  EC individual program, To be shaped by you
- Results in an Honours certificate and a valuable entry on your CV

*See also Brightspace "Honours Program Aerospace Engineering"*

# Special and compelling

- An HPM can never be “just a package of extra courses” on top of your Master’s, nor a surplus of your MSc elective courses, nor an extension of your regular internship, nor just a second internship
- You **must** make your program **personal**, **special** and **compelling**
- Interesting elements often are (interdisciplinary) projects at another faculty or university in the Netherlands or abroad, a contribution to on-going research, a dedicated, additional internship with clear personal learning objectives
- It must go beyond your regular Master’s program or regular internship

# The timeline

## 1. SELECTION

- Submit Application form available on Brightspace (> Honours Programmes Aerospace Engineering). **Deadline: 1 December 2023**

## 2. ADMITTANCE AND PROGRAMME ORIENTATION

(clarifying learning objectives and searching for ways of implementation)

- Intake with Jeanet: **Deadline: between December and February**

## 3. DEFINITION OF PROGRAMME

(tailoring the programme, specifically aligned to personal learning objectives)

## 4. FREEZE AND REQUEST APPROVAL

(using HPM Approval form and the Registration form available on Blackboard) **Deadline: 1 May 2024**

## 5. ENROLMENT **HPM + Master Completion within 30 months**

**starting from Master registration date!**

# 1. Selection: eligibility

- Bachelor graduates of TU Delft BSc Aerospace Engineering
  - an average mark of **7.5** for your bachelor courses, and a successful completion of your bachelor within **4 years**
- Bachelor graduates of other universities (national, international)
  - excellent results in prior education (top 10%)
- HBO students Bridging Program
  - cum laude degree HBO and excellent results in Bridging Class
- **AND for all**: average mark of **7.5** in **the Q1 results of the MSc**
- Typically, 2% of the population MSc Aerospace Engineering



## 2. Admission – objectives

- Define why you want to do an HPM
  - It is at least 20 EC on top of your regular master program!
  - Alternative option: extra electives in the free space of your MSc, or free extracurricular activities
- Make your personal learning objectives explicit
  - Only after you have established a clear picture for yourself about the why and what for an HPM, you can start thinking about how to achieve these goals
- Personal learning objectives need to match TU Delft HPM Qualifications

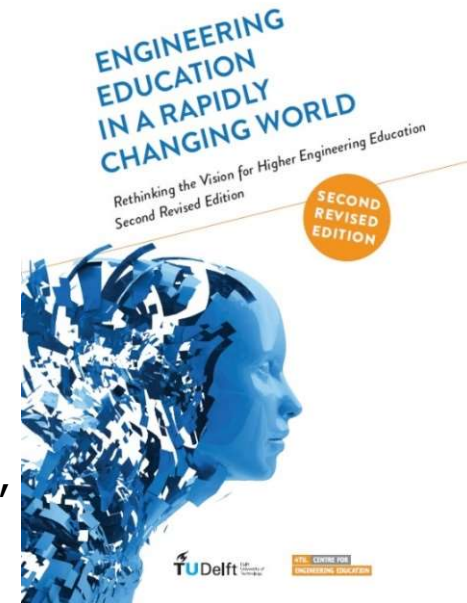
# HPM Final Qualifications

(not exhaustive, see Brightspace for details)

- I. “Scientific and intellectual development”
  - apply methods in a creative, innovative and independent manner
  - analyse current scientific and societal consequences of new developments
- II. “Research and design capabilities”
  - work on different abstraction levels
  - contribute to the development in the chosen field of engineering sciences
- III. “Communication”
  - draw other fields of study into your research or design process
  - spread your new knowledge through activities
- IV. “Self-adjustment and reflection capabilities”

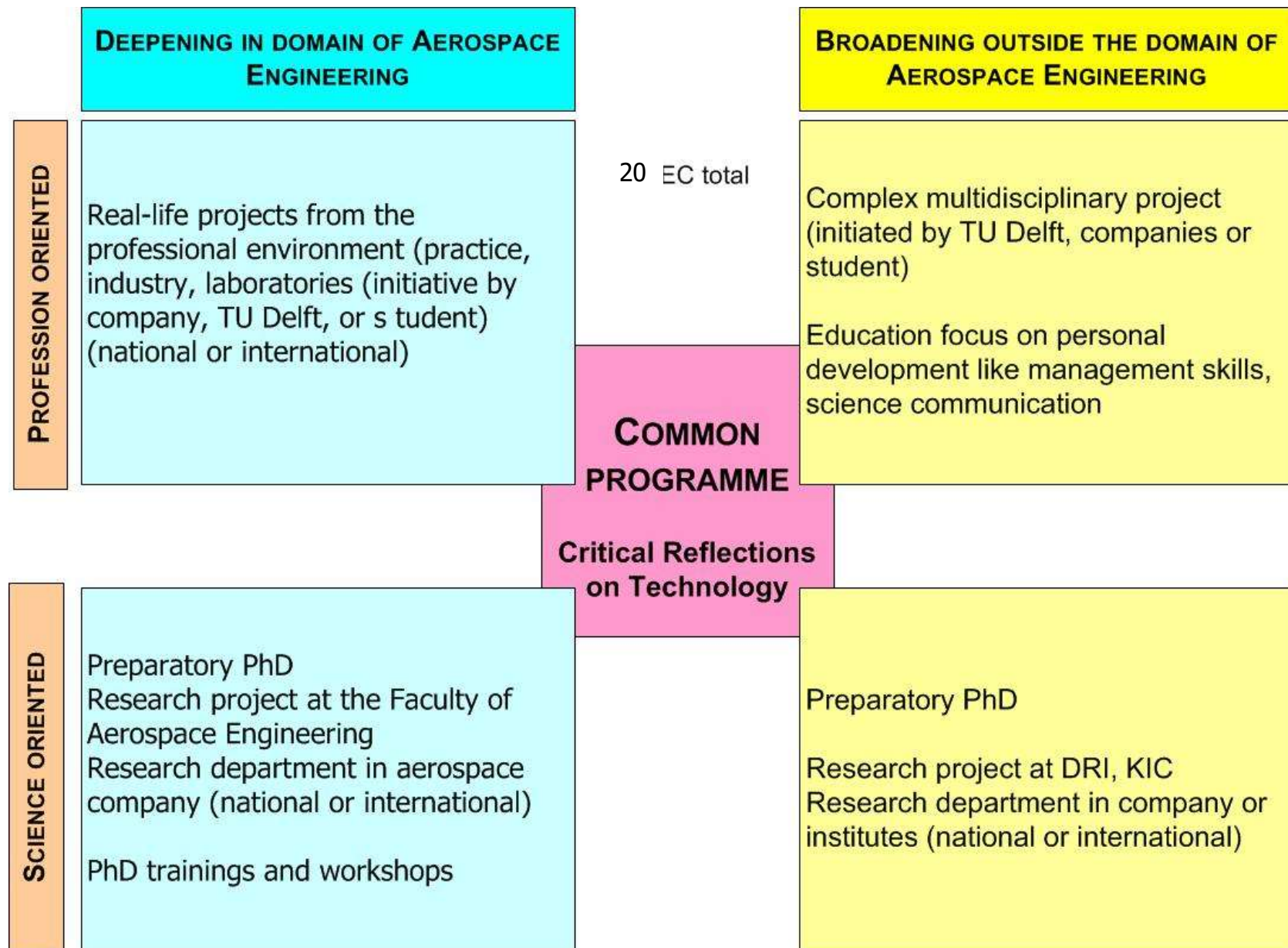
# 3. Programme definition

1. Establish the main subject or theme of your programme
  - Engineering in the 21<sup>st</sup> century  
(e.g., interdisciplinary teamwork, business economics, sustainable design, humanities and social sciences, artificial intelligence, cultural agility)
  - An engineering or scientific subject or theme  
(e.g., preparatory PhD, research project in industry or institute, courses, projects)
2. Establish an outline of your programme in consultation with the Honours Program Coordinators (Jeanet Rink & Jos Sinke) and your network of Master Track Coordinator, Profile Advisor, professors, lecturers, researchers,...



You are encouraged to spend part of your time at a prestigious institute abroad!  
(It is also possible to do an exchange for 1 quarter)

# Honours Programme navigator



# Scheduling

- An Honours program needs to run in parallel with your master
- You must **complete** your MSc + HPM **within 2,5 years (starting from the registration date of the Master programme)**
- The last exam is always your MSc Thesis assessment. By then, you must have completed your HPM
- Many students start their regular master in September, orientate their HPM during the first semester, take the compulsory course first, then configure and arrange their HPM early in the second semester



# Scheduling

- **< 1 December 2023**: Application (submittal of application form)
- **December 2023- February 2024**: Admittance to HPM, elaboration of personal learning goals, preliminary ideas for individual programme
- **< 1 May 2024**: Concrete individual programme proposal (HPM Approval form)
- **<1 July 2024**: Formal registration in OSIRIS (HPM Registration form)

# Authorisation and registration

- Jeanet Rink, academic counsellor
  - is your primary consultant,
  - Email: [j.j.rink@tudelft.nl](mailto:j.j.rink@tudelft.nl)
  - sends your programme documents to Jeanet
- Coordinator Honours Programs (Jos Sinke)
  - approves your programme
  - completes the registration at Education & Student Affairs
  - approves the final report & reflection

# Final considerations

- HPM often competes with Cum Laude
- 20 EC is the minimum
- The added value is not in the certificate but in your learning
- Your personal learning objectives may also be achievable by giving a twist to one or more electives or to your thesis, rather than an ambitious HPM programme bolted on top of your master
- Your MSc + HPM will probably take longer than the MSc

# Honours student's experience



Oscar Lafuente Arjona



Stay up to date on all the information!

Enrol on Brightspace:

*"Honours Programs Aerospace Engineering"*





Email: [j.j.rink@tudelft.nl](mailto:j.j.rink@tudelft.nl)

Appointments from 1 December 2023 onwards