Welcome at Faculty of Aerospace Engineering of the TU Delft

Jacco Hoekstra
History of Aerospace Engineering

Luchtvaart- & Ruimtevaarttechniek

- 1842: TU Delft founded by King Willem II
- 1940: Prof. Van der Maas appointed
- 1946: Department of Aeronautical Engineering
- 1961: Start of Space technology
- 1975: Faculty of Aerospace Engineering
Faculties TU Delft

- Faculty of Applied Sciences
- Faculty of Architecture
- Faculty of Civil Engineering & Geosciences
- Faculty of Electrical Engineering, Mathematics & Computer Science
- Faculty of Industrial Design Engineering
- Faculty of Mechanical, Maritime & Materials Engineering
- Faculty of Technology, Policy & Management
- Faculty of Aerospace Engineering
Where is Aerospace Engineering?
TU Delft key figures

Number of staff:
• 2700 academic staff
• 2000 support staff
• 2600 Ph.D. students

Number of students:
• ±20980 BSc en MSc students
• ~3000 first year BSc students

Financial
• 593 M€ turnover of which 181 M€ external research funding
Faculty of Aerospace Engineering in numbers

Programme:
- BSc curriculum of 3 years
- MSc program of 2 years
- PhD duration is 4 years

Number of staff:
- 100 academic staff
- 60 support staff
- 250 Ph.D. students

Number of students:
- ±2600 BSc en MSc students
- ~450 first year BSc students

Financial:
- 33 M€ turnover of which 13 M€ external research funding
Number of students entering BSc AE

1st year BSc students
Delft: Science Center in 17th century

Antoni van Leeuwenhoek
1632-1723
Inventor of Microscope,
discovered blood cells and single-celled organisms

Friends with:
- Christiaan Huygens (physics, astronomy, math)
- Spinoza (philosophy, math)
- Johannes Vermeer (painter)
Delft: painter Johannes Vermeer
History of Delft: “Prinsenstad”
History of Delft: “Prinsenstad”
Wednesday night: Diner at Prinsenhof

• Entrance next to: Oude Delft 179

Address:
• St. Agathaplein

Looking in Northern direction
BlueSky Tutorial & Demonstration

Workshop/Tutorial/Demos
Wednesday November 10th, 14:00 – 16:15 in Lecture room B

- Free, Open Source, Open Data ATM simulation for Windows, Apple and Linux is given away
- Global navigation and airport data included, BADA compatible
- Installation help
- Demo of fun & interesting traffic scenarios and use cases
- Together with instruction and many examples: build your own traffic scenarios very quickly, suggest features to BlueSky team
BlueSky Workshop programme

1. **Introduction**: installing & using BlueSky

2. **Build your own** first traffic scenario (“Hello World.”)

3. **Use cases demonstrations** by Ph D students showing their scenarios

4. **Under the hood**: inside BlueSky: a look at the code

5. **Suggestions** for additions and changes
Floor plan

- Conference rooms
- Plenary sessions
- Parallel sessions
- Lunch & coffee area
- Registration Desk & Garderobe
- Poster area & Lounge / Cocktails

TU Delft
Other lunch options in area

Fellowship Food Corner

Food truck(s)
Other lunch options
Sports & Culture
Restaurant (5 min walk)
Fellowship Food Corner
Pass through viaduct
Other lunch options in area

- Fellowship Food Corner (5 min walk)
- Sports & Culture Restaurant
- Food truck(s)

Pass underneath flyover
Any questions, ask us

- In every lecture room there is a PhD student to assist you
- Report at registration desk with any questions you might have
- Check your booklet for floor plan
- Use the SESAR App on your phone

WiFi
SSID: SESAR
WPA key: tudelft2016