

Welcome at Faculty of Aerospace Engineering of the TU Delft

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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

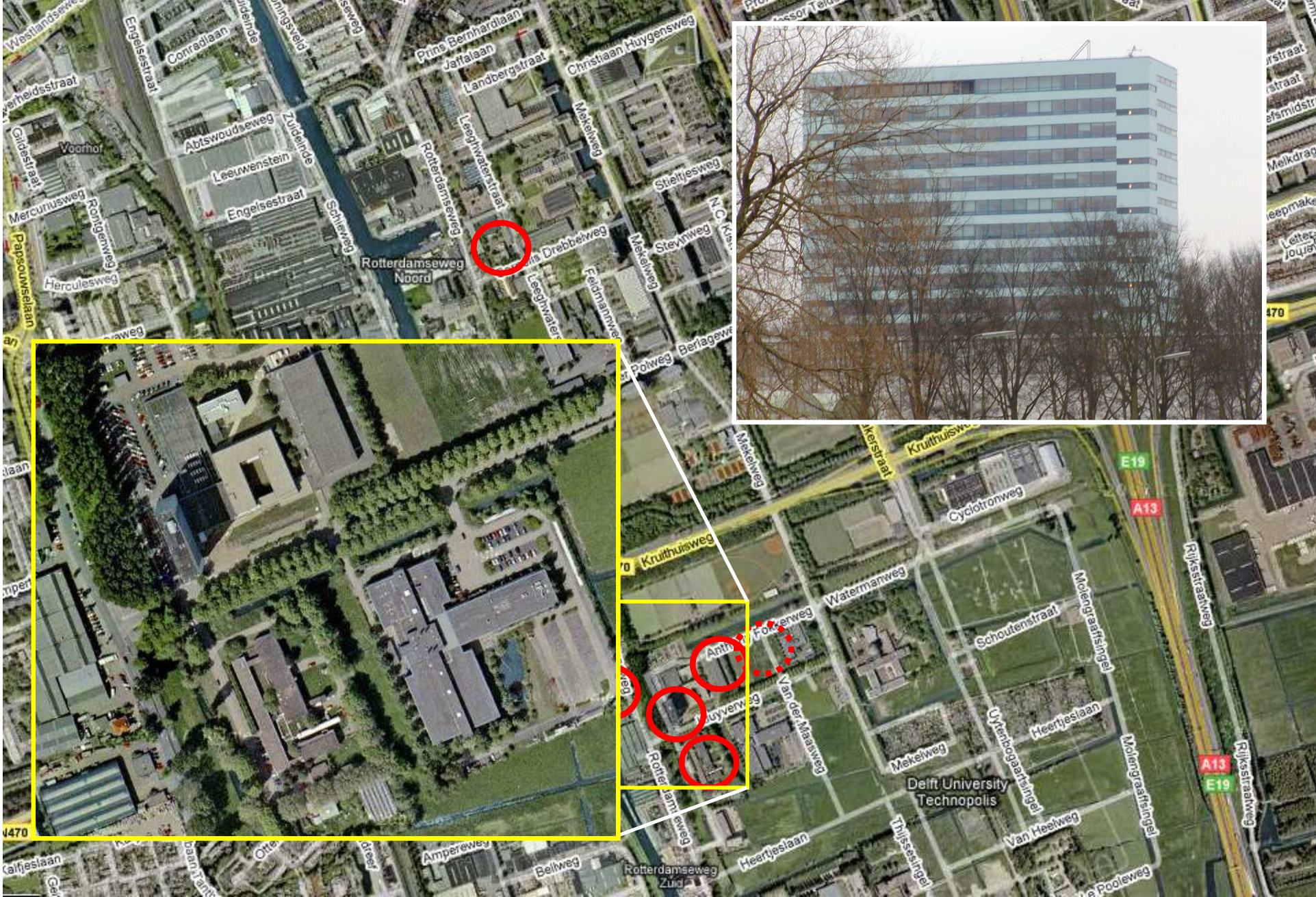


Faculties TU Delft

- 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







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:

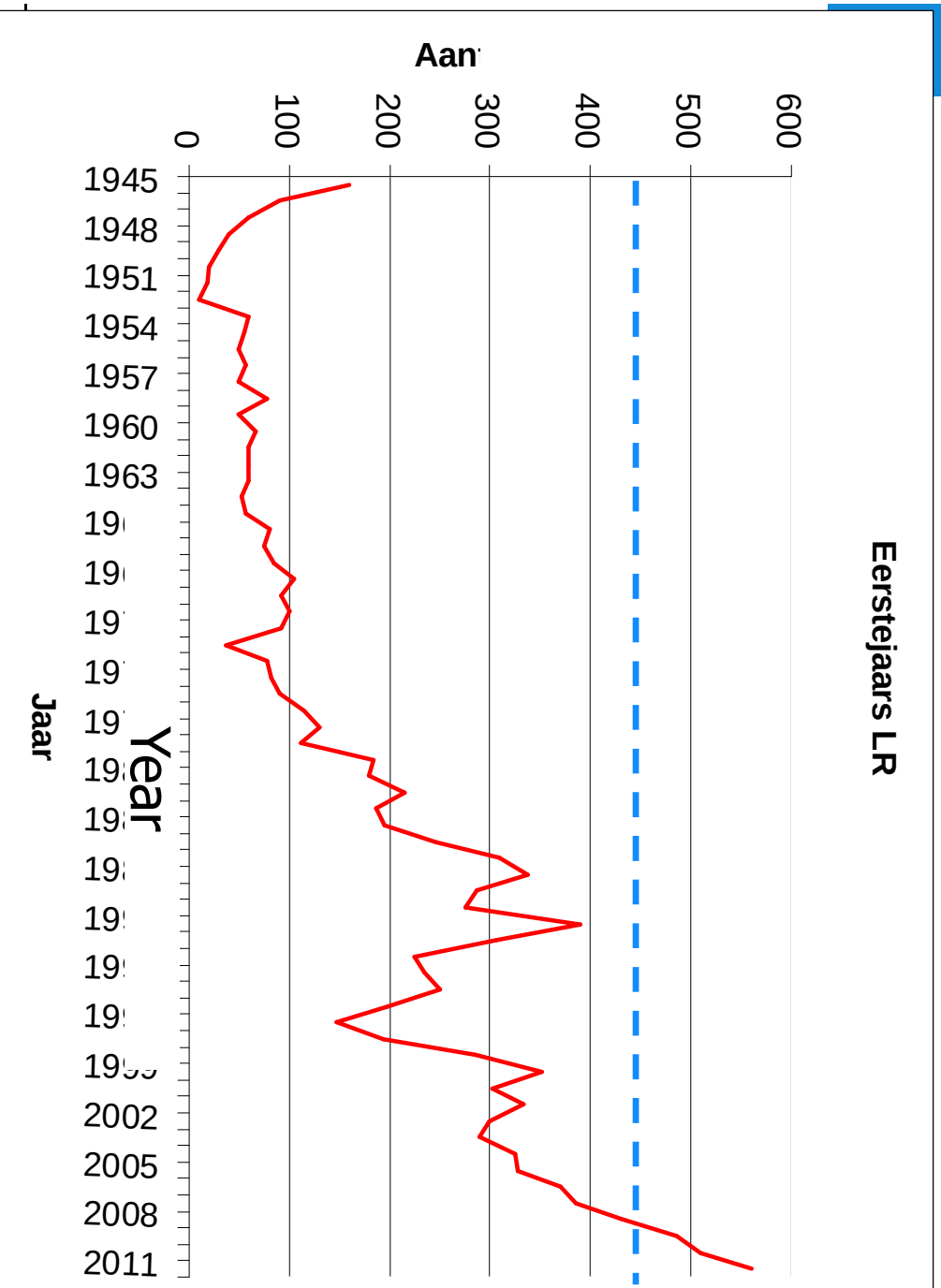
- 33 M€ turnover of which 13 M€ external research funding



1st year Bsc students

Number of students entering Bsc AE

Eerstejaars LR

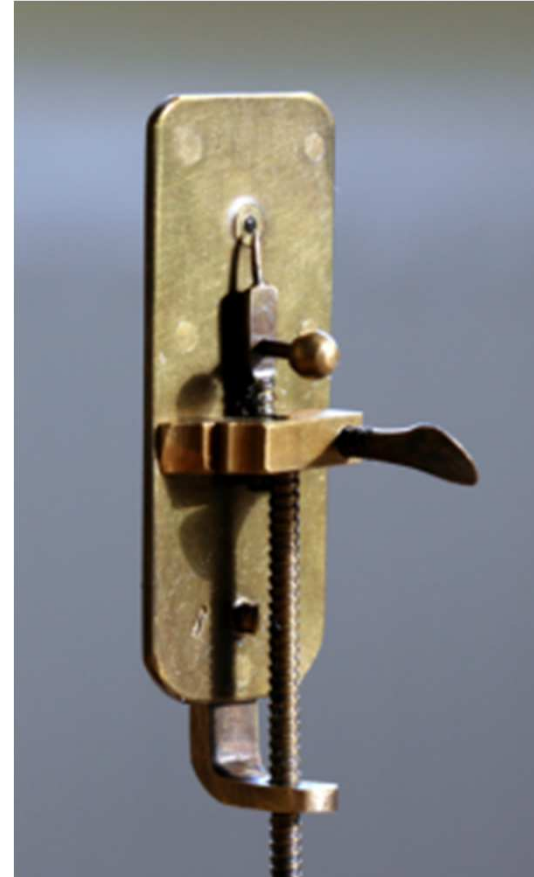


Delft: Science Center in 17th century



Antoni van Leeuwenhoek
1632-1723

Inventor of Microscope,
discovered blood cells and single-celled organisms



Friends with:

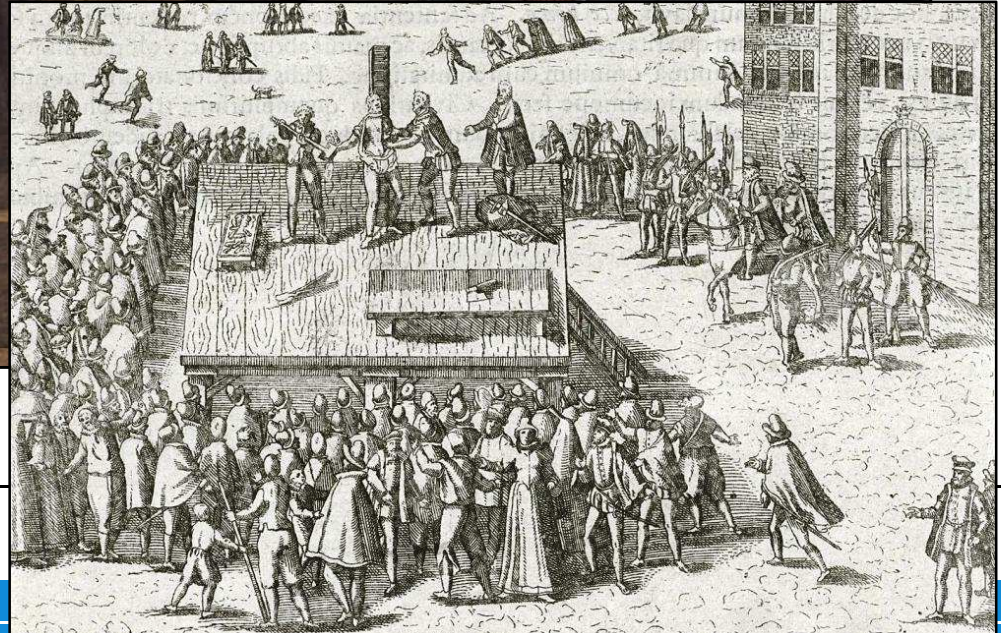
- Christiaan Huygens (physics, astronomy, math)
- Spinoza (philosophy, math)
- Johannes Vermeer (painter)



History of Delft: “Prinsenstad”



History of Delft: “Prinsenstad”



Wednesday night: Diner at Prinsenhof

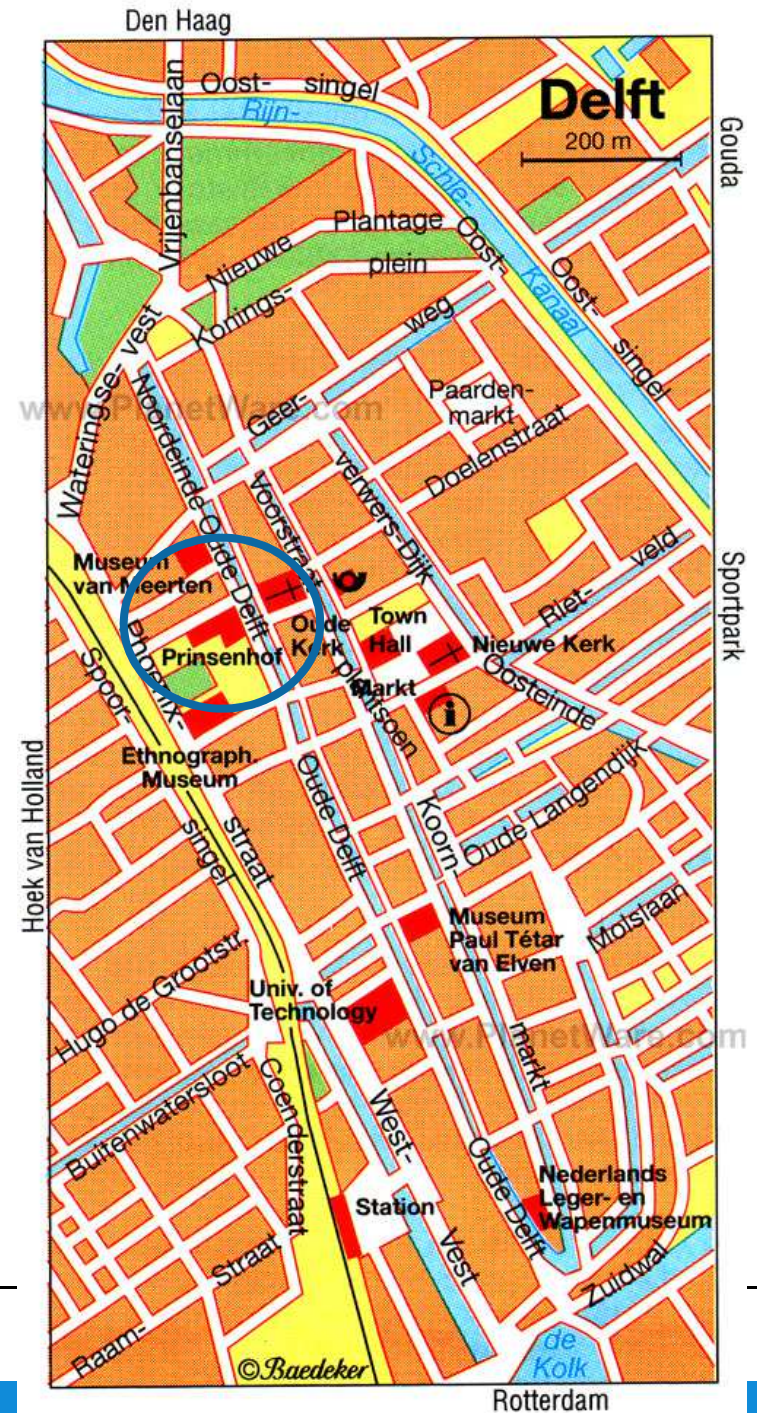
- Entrance next to:
Oude Delft 179

Address:

- St. Agathaplein



Looking in Northern direction



Conference logistics at a glance

Tue

Registration 09:00

10:30 Opening plenary

11:00 Keynote Daams

12:00 David Bowen

Room A
10:30-12:30

Lunch

HF
Room A

13:30 –
15:15

Meeo/Env
Room B

13:30 –
15:15

Safety
Room A

15:45 –
17:00

Data
Room B

15:45 –
17:00

Cocktail/Posters
17:00 - 18:30

Wed

09:00-09:45/10:00

Keynote Room A

Dec Supp
Room A
10:00-11:00

CNS
Room B
10:00-11:00

Airports
Room A

11:30 –
13:00

RPAS
Room B

11:30 –
13:00

Lunch

ATM Ops
Room A

14:00 –
16:15

BlueSky
Workshop
Room B

14:00 –
16:15

Posters 2 16:15 – 17:30

Conference Diner
Prinsenhof
19:00

Thu

Airspace
Room A

09:00 –
11:00

Economics
Room B

09:00 –
11:00

SESAR-ER/ Closing
Room A

11:30 -
12:30

Lunch

Apache
workshop
Room C

14:00 –
16:30

ASDA
Seminar
Room B

14:00 –
16:30

Fri

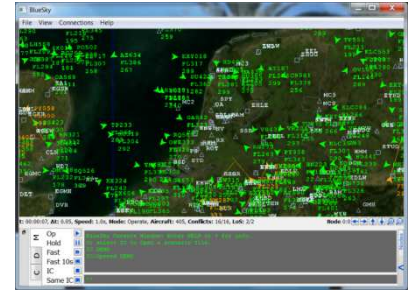
ASDA Seminar
Room B

09:00 –
13:15

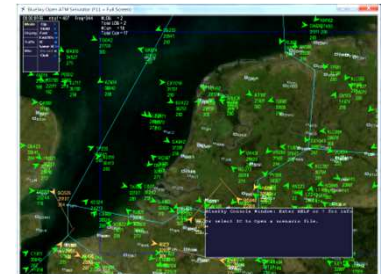
BlueSky Tutorial & Demonstration

Workshop/Tutorial/Demos

Wednesday November 10th, 14:00 – 16:15 in Lecture room B

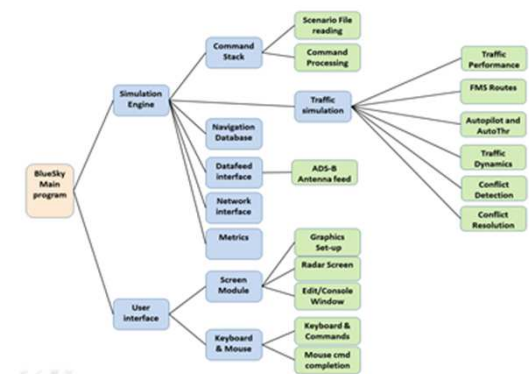
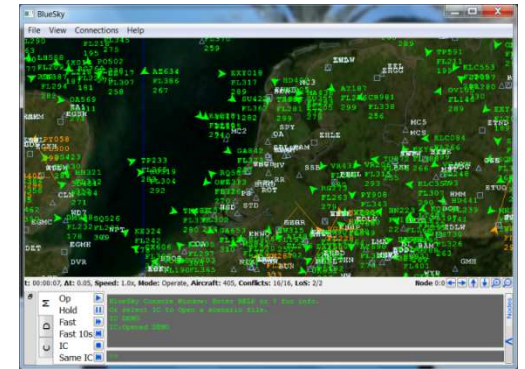


- Free, Open Source, Open Data ATM simulation for Windows, Apple and Linux is given away
- Global navigation and airport data included, BADA compatible
- Installation help
- Demo of fun & interesting traffic scenarios and use cases
- Together with instruction and many examples: build your own traffic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

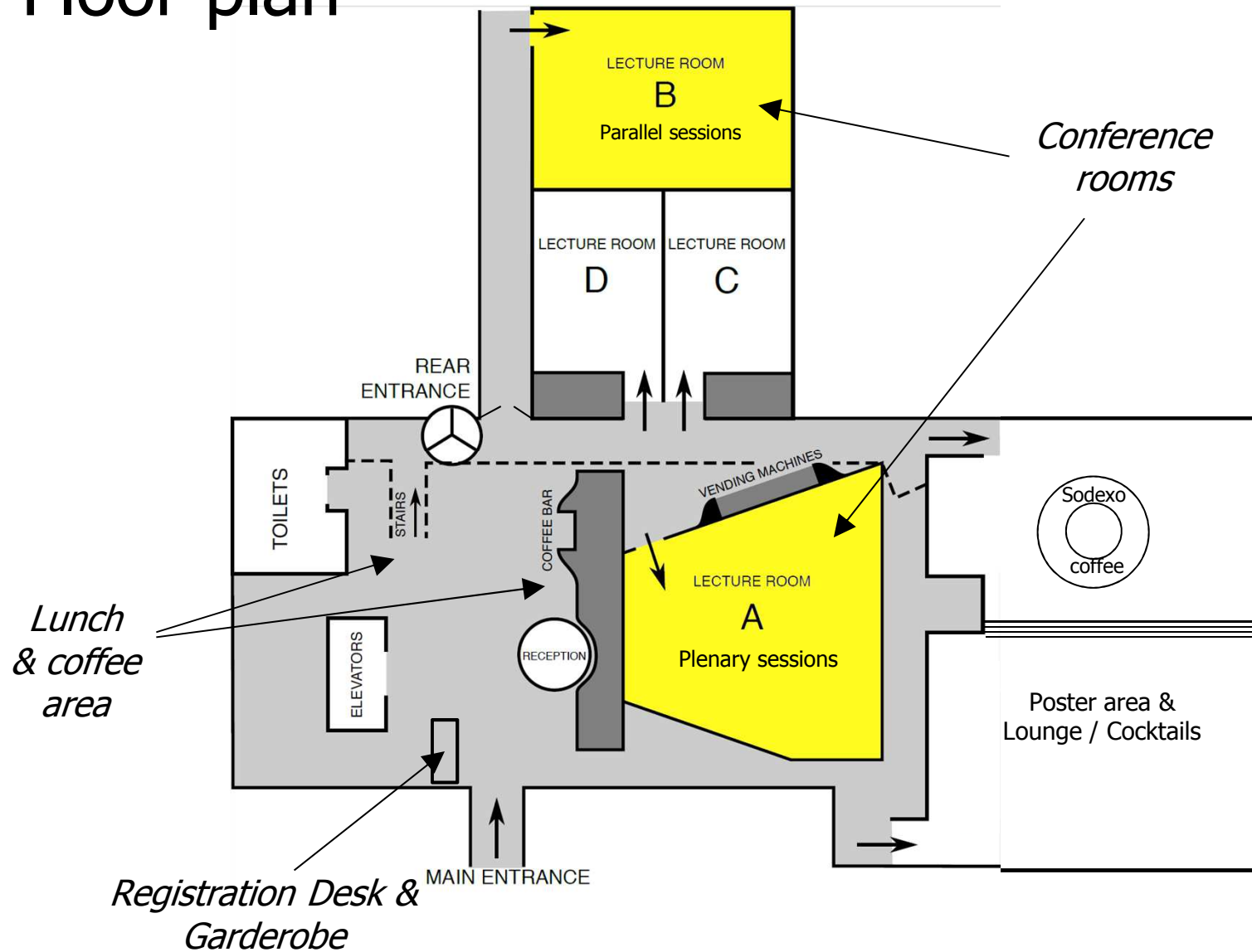


BlueSky Workshop programme

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



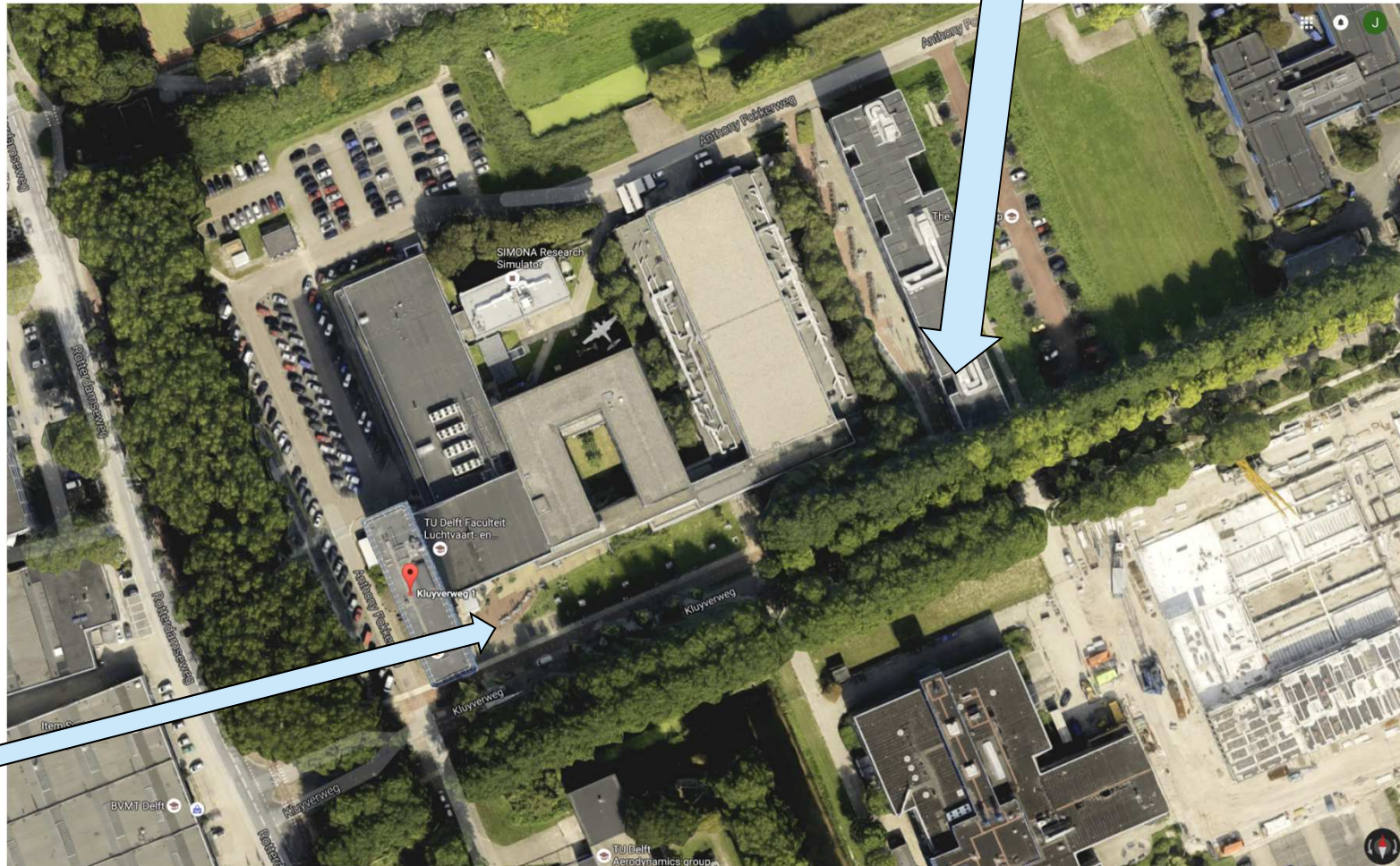
Floor plan

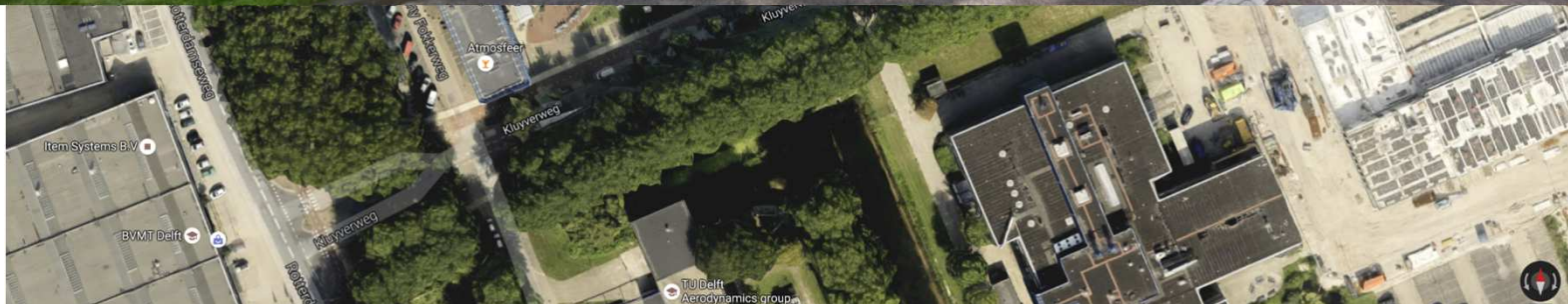


Other lunch options in area



Fellowship Food Corner







An aerial photograph of a residential area. A blue arrow points from the 'Items' label to the 'Kluyverweg' label. The arrow starts near the 'Items' label and points towards the 'Kluyverweg' label. The area includes a road labeled 'Kluyverweg', a road labeled 'Kluyverweg', and a road labeled 'Kluyverweg'. There are also labels for 'Items' and 'Kluyverweg'.

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**

