

INTERNATIONAL[®]
SPACE UNIVERSITY

ISU

SPACE

STUDIES

PROGRAM

Netherlands

25 June - 24 August

2018

NSO Netwerkbijeenkomst

Gerard Blaauw
chair LOC

NL SPACE

Global Challenges, Netherlands Space Solutions

SSP 2018

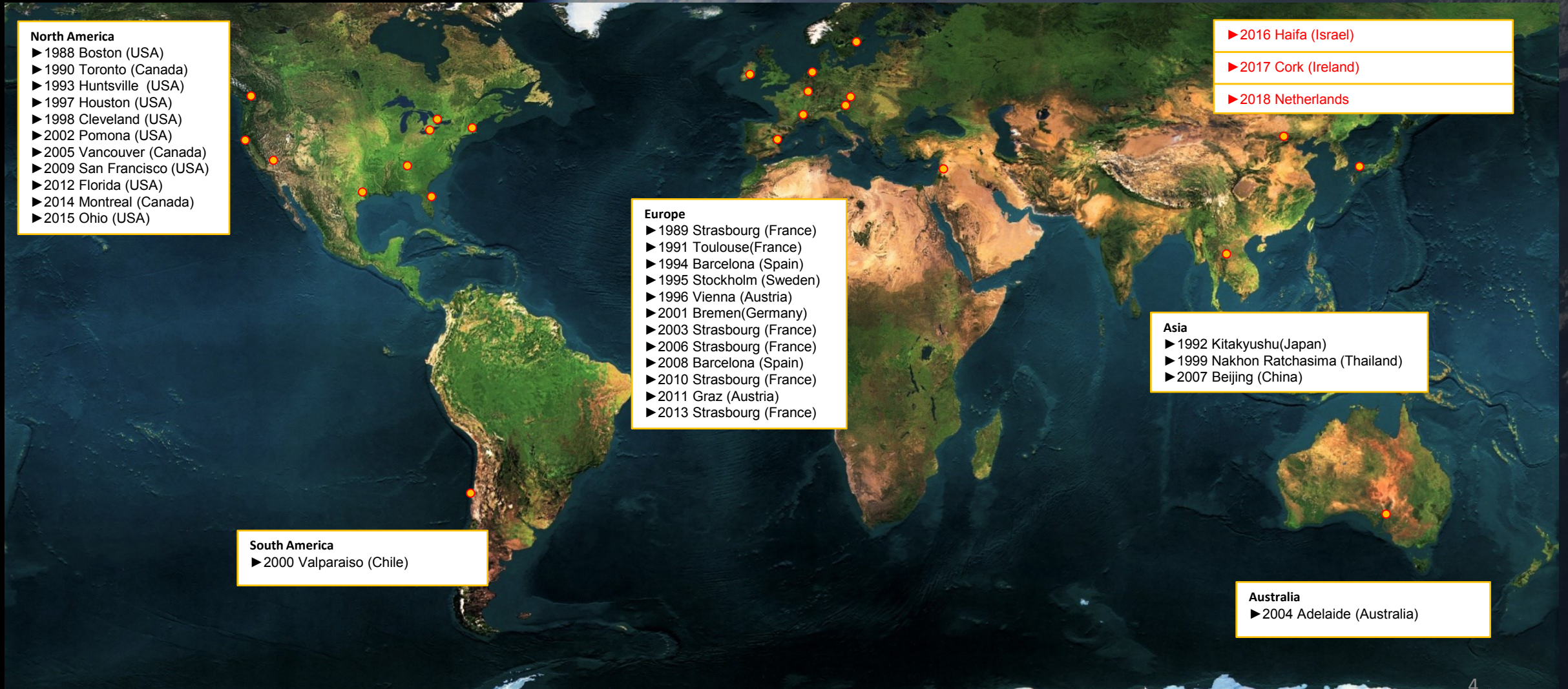
- Held for the first time in the Netherlands: **Platform for NL Space**
- Co-hosted by NSO, TU Delft, Leiden University and ESA-ESTEC
- Accommodation and food provided at TU Delft
- Academic program at TU Delft, Leiden University and ESTEC
- Professional visits to local space companies (incl. Bremen, Luxembourg)
- Many ISU-organized public events throughout Randstad
- Public outreach: 'Sizzling Summer of Space'

www.sizzlingsummerofspace.nl

SSP Key Characteristics

- ISU flagship program (www.isunet.edu)
- Based on 3 I's: International, intercultural and interdisciplinary
- First edition held at MIT in 1988
- Hosted at leading universities and institutes around the world
- Different host location every year
- 31st edition in the Netherlands in 2018
- 9-week post-graduate program, unique in space industry
- Attended by 100 – 140 participants every year
- ISU brings up to 200 space specialists to the program
- Aims at young professionals and advanced students

ISU Space Studies Program (SSP 1988 – 2018)



SSP18 in the Netherlands

- NSO (initiator, next to specific persons) and its key partners:
 - TU Delft, Leiden University, ESA-ESTEC
- Cities of Delft, Leiden, Noordwijk and Den Haag; Holland Rijnland, province of Zuid-Holland
- Sponsors:
 - Airbus (toplevel), Arianegroup (level-1), 17 organizations (level-2)
- Stichting Space Professionals- Foundation (SSPF)
 - All SSP18 finances
 - (Co-) sponsoring participants in SSP18 and beyond, other space programmes

NL-based SSP18 participants

- Open for Young Professionals and Advanced Students (PhD, Masters)
 - Mechanism via ISU and SSPF
 - 14 NL-based SSP18 participants
-
- >2018: Plan now for your HP staff members
 - January 2019: NSO/SSPF letter to NSO network
 - April 30, 2019: Deadline for application



SSP18 participants

- 135 participants, 36 countries



NL Space Contributions

A satellite view of Earth from space, showing the curvature of the planet and the atmosphere. In the bottom left corner, a large solar panel array is visible, extending from the edge of the frame. The background is a deep black space.

- Core lecturers
- Workshops
- Professional visits

- Team Projects: Climate Change (air quality & flooding) + 3 others

- Public events

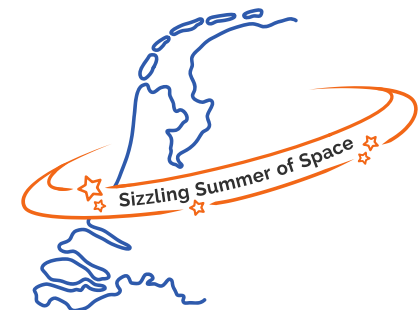


Sizzling Summer of Space

The space outreach programme that involves local communities and stakeholders in ISU SSP 2018

A Sizzling Summer of Space

- ✓ It's a public outreach programme
- ✓ Aimed at local communities and stakeholders (families, politicians, policy makers, school children, space enthusiasts, the space sector ...)
- ✓ So that they can benefit from the ISU SSP 2018 and vice versa
- ✓ And of course we want to show them what we have to offer too
- ✓ It includes public events that are part of the ISU SSP 2018 as well as locally organised events and campaigns
- ✓ Organisers: LOC parties, four cities, and numerous local organisations, such as science centres, musea, schools, NWO, city marketing ...





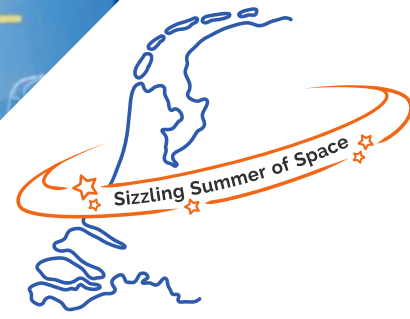
D

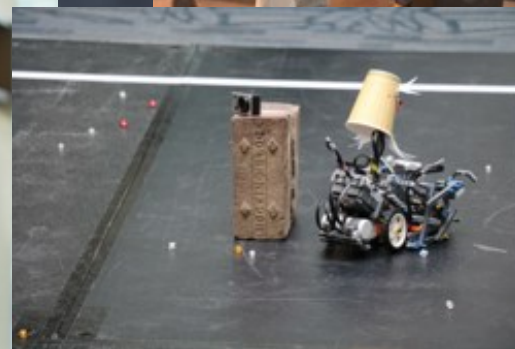
DELFT
CREATING HISTORY

TU Delft





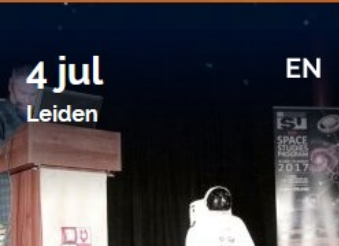







DELFT
SUMMER
OF
SPACE

www.sizzlingsummerofspace.nl

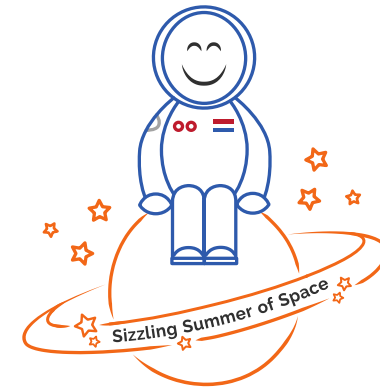
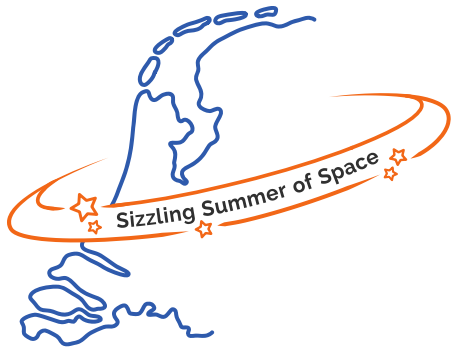




Why don't you join us? Coming up ...

<p>30 jun Delft</p>  <p>Asteroid Day</p>	<p>2 jul Noordwijk</p>  <p>Astronautenpanel</p>	<p>2 jul tot 17 aug Delft</p>  <p>LEGO Moon City</p>	<p>4 jul Delft</p>  <p>Unlimited Space Film Festival</p>
<p>4 jul Leiden</p> <p>EN</p>  <p>Starships 'Distinguished Lecture'</p>	<p>5 jul Den Haag</p> <p>SCIENCE CAFÉ DEN HAAG</p> <p>SPACE</p>  <p>Science Café Den Haag</p>	<p>12 jul Delft</p>  <p>Unlimited Space Film Festival</p>	<p>14 jul Delft</p>  <p>ISU Robotics Competition</p>
<p>15 jul Delft</p> <p>EN</p>  <p>SpaceUp Netherlands - Your Space Unconference</p>	<p>16 jul Delft</p> <p>EN</p>  <p>Cross-Industry Innovation lecture</p>	<p>21 jul Noordwijk</p>  <p>Rocket Launch</p>	<p>23 jul Leiden</p>  <p>Space Development Lecture</p>





Universiteit
Leiden
The Netherlands



NL SPACE

Global Challenges, Netherlands Space Solutions



Be part of progress



NVR Magazine Ruimtevaart Special SSP18

- Space and the Netherlands
 - Overview article written by guest editor
 - contributions from NVR corporate members
- Distribution
 - SSP18 week 1: participants, staff and guests
 - NVR members
 - Other promotional activities (IAC 2018, etc.)



5	32	4	Space in the Netherlands
		5	The Netherlands is all about space
		13	Dutch involvement in famous space missions
		16	Netherlands Space Society - NVR
		17	NSO
		18	Airbus Defence and Space Netherlands
		20	LioniX International BV
		20	MELISSA
		21	HE Space
22	38	22	Netherlands Aerospace Centre
		24	Aerospace Propulsion Products
		25	CGI
		26	SRON
		28	Airborne
		28	SBIC Noordwijk
		29	Ajilon
		30	Inmarsat
29	42	32	Leiden Observatory
		32	Lens R&D
		33	cosine
		34	TU Delft Space Institute
		36	Sapientia Consulting
		37	European Test Services B.V.
		38	ISIS
		40	Hyperion Technologies
30	46	40	JIVE
		41	S[&]T Corp.
		42	Bradford Engineering
		44	Space Expo
		44	T-Minus Engineering
		45	Terma BV
		46	TNO

