

Newsletter 2022/1

November 2022

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Dear NVR members,

Autumn has arrived again, so it is time for a new newsletter.

In this newsletter, you will see an update on the General Assembly that took place on 27 June. Also, we would like to inform you about our new corporate member, upcoming events, and expansion of the secretariat.

Happy reading!

General Assembly

On 27 June this year, the General Assembly took place physically for the first time since the start of the corona pandemic. After discussing various agenda items, voting was possible, with members unanimously approving the personnel and financial proposals. What was special was that the AGM took place in production area of company member Airborne, where we had an interesting tour during the second half of the evening.

The board is pleased to report that **Pieter van Beekhuizen** has joined the us. Unfortunately, we said goodbye to **Frederique van 't Klooster** during this General Assembly. Frederique contributed to the association as a board member for 9 years. During a yet to be planned farewell dinner, we will once again thank Frederique for her contribution. We also wish Pieter every success within the board.



Events

On 2 February, 6 April, 7 May, 4 June, 6 July, 8 August, 3 September, and 12 October, NRM and NVR organised a series of lectures. Both associations agreed to offer the lectures, which are Dutch-language, alternately digitally and physically. In order not to discriminate, the fee for all lectures, regardless of digital or physical, has been set at €3.50 for NVR members. We hope to appeal to a broad target group with this cooperation.



On 24 March, NVR organised a Mystery Movie Night together with IASL and SGAC. With over 30 attendees and pizza beforehand, this Mystery Movie Night, where the documentary *The Farthest* was screened, was a great success.

In 2021, NVR celebrated its 70th anniversary. Unfortunately, due to corona measures, this was not celebrated in a big way so this year, on 29 April, we went big with a Galaxy Gala. Nearly 80 attendees enjoyed a fantastic evening, preceded by a dinner.

On Friday 10 June, our first excursion in several years took place. Led by Alexandra Sokolowski, member of the events committee, the bus left Utrecht CS early in the morning for NLR in Marknesse. An interesting, guided tour was followed by a visit to the Eise Eisinga Planetarium in Franeker and, to conclude, a visit to the Radio Telescope in Dwingeloo. The 30 enthusiastic participants much appreciated the excursion.



After the summer holidays, on 7 September, the moment was finally there. The NVR Space Award was presented to Prof Heinz Stoewer. During this festive evening, the recital was done by Prof Gill, followed by the official part. After receiving the award, it was Prof. Stoewer's turn to address the audience during an interesting lecture. This lecture can be watched back on YouTube: <https://www.youtube.com/watch?v=5ifScUVHwYA>

On Sunday 2 October, the annual ESTEC Open Day took place again. Twelve enthusiastic NVR members staffed the NVR stand and together managed to enrol over 30 new members. Our appreciation for this effort is great.

On 21 October, the presentation of the NVR Space Art Competition, launched in 2021, took place. Visitors viewed the wonderful artworks, and listened to some impressive presentations. The Moon Gallery helped organise this evening.

Also currently on the agenda are:

- November 5: NRM/NVR
lecture Sytze Kampen
- December 3: NRM/NVR
lecture Gerrit Kroesen



Ruimtevaart Magazine

The editors have already published two fine issues this year. Work is currently underway to deliver Space 2022/3 to the printer. You can expect to find the next issue on your doormat in early November!

New company member

Last summer, we welcomed West End as a new company member in the medium category.

Family company West End was founded in 1947. Since the beginning of ESA-ESTEC in the Netherlands, West End has been an aerospace supplier. They do this with a team of around 50 FTE, in a 6000 m² factory, including in-house engineering. All machining and testing is carried out in-house.

West End's activities focus on:

1. MGSE to enable testing (thermal/vacuum, vibration, EMC). Examples of well-known missions they have provided support to include ATV, BepiColombo, Galileo and most recently Plato.
2. Scale models, a Columbus module of which is at the AvioDrome in Lelystad.
3. Equipment:
 - a. pressure and vacuum chambers, or vacuum tanks, flanges, and pipework
 - b. Cleanrooms
 - c. Zero G-droptowers
4. Flight cases: They design and manufacture small and large transport packaging for international road and air transport. They also manufacture internal transport equipment for cleanrooms.
5. Ground Based Astronomy: For decades, West End has been involved in opto-mechanical tooling at home and abroad.



Looking for volunteers!

Besides the board, many volunteers dedicate themselves to our association. These volunteers work in various committees:

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|--------------------------------------|----------------------|
| - Event committee | - Editorial board |
| - Communication & Outreach committee | - IT committee |
| - Young Professional committee | - Treasury committee |

For several committees, especially for Events, Communication & Outreach, and IT, we are currently looking for several volunteers to help us. Would you like to join a committee? Then let Richelle know via secretariaat@ruimtevaart-nvr.nl.



Expansion of NVR Secretariat

Richelle Scheffers has been supporting the board as Office Manager at the association's secretariat since September 2010. Since July this year, NVR's secretariat has been expanded.

Helen von Schwartzenberg supports Richelle in her administrative tasks such as membership administration and event registration. You will undoubtedly come across her name among e-mails and may also get acquainted at one of our events. Naturally, we welcome Helen and wish her every success.

IAC73 in Paris

The 73rd IAC congress took place in Paris from 18-22 September. With over 9000 participants, it was a highly successful congress with many plenary, special and technical sessions. Out of more than 3000 abstracts selected, it was remarkable that the Netherlands was the only small country (!) in the top 10. A convincing proof that the space sector in the Netherlands really matters.



This was also evident at the Dutch stand, at a particularly beautiful location created by NL Space in cooperation with SpaceNed and NSO. The orange-coloured stand with NL companies and the NL Space Campus was particularly well visited and many contacts were made.

Another Dutch success was that the team from Leiden University (the International Institute of Air and Space Law) won the final of the so-called Mootcourt competition of the prestigious Space Policy and International Affairs Faculty of the George Washington University. As is well known, this team was led by our honorary member Tanja Masson. To further complement the success, Tanja was appointed as a new Vice President in the International Aeronautical Federation (IAF) office. For this appointment, NVR (Peter Buist and Peter Batenburg) did exceptionally good lobbying work.

It is also worth mentioning that the Dutch foundation dedicated to giving young professionals and students access to space-related studies (SSPF - Space Professionals Foundation) has been accepted as a new member of the IAF. Together with our honorary members Gerard Blaauw and Tanja Masson, our board member Pieter van Beekhuizen sits on the board of this foundation.

Overall, an extremely successful week for the Dutch space sector!

Save the date!

A special space evening is in preparation for all interested members of (manned) space, the space event-2022.

This event is scheduled for Tuesday evening 20 December at the ARTIS Planetarium in Amsterdam. The theme of the evening is the evolution from traditional institutional crewed spaceflight to the era of commercial / institutional crewed spaceflight.

The evening will consist of presentations followed by a panel discussion. Subject to determination of the final programme, the following people will come to tell their stories:



- Eytan Stibbe: Israeli astronaut
on his flight with AX-1 (AXIOM) to the ISS in April 2022
- Tej Bhatia: AXIOM management
on AXIOM's future plans in the ISS and post ISS era
- Joost van Tooren: Arianegroup Project Manager
on the ambitious European staffed space project SUSIE
- Bernardo Patti: ESA Directorate of Human and Robotic Exploration
on ESA plans approved at the Ministerial Council

André Kuipers will also participate in the panel discussion. Given that Eytan Stibbe also holds Dutch nationality, it is quite special that they are present together. His flight was named 'Rakai', meaning 'Heaven' in Hebrew. The logo of the mission made also reference to the first Israeli astronaut who tragically died during the deorbiting phase of the Space Shuttle Columbia. Eytan talks about this in a particularly impressive way during his presentation.

The evening will also feature the Planetarium's latest film "Extra-terrestrial Worlds". [Buitenaardse Werelden - YouTube](#)

NVR members can attend this special space evening for a reduced rate of €30 (normal rate €60). To profit from this reduced price, NVR members need to register by sending an e-mail before 25 November to secretariaat@ruimtevaart-nvr.nl.

A limited number of reduced ticket prices are available, which will be allocated on the basis of 'first come/first served'.