



EUROPEAN
NAVIGATION
CONFERENCE

2023

31 May – 2 June 2023
ESA ESTEC, Noordwijk
The Netherlands

SPONSORSHIP & EXHIBITION OPPORTUNITIES

www.enc2023.eu

CONFERENCE
MANAGEMENT

Congress by design
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Welcome to the Netherlands!

It is with great pleasure that we announce the next European Navigation Conference, to be held in springtime 2023. After some years of semi-virtual conferences, the ENC is now back as a completely real-life, on-site event.

We are delighted with the generous hospitality of the European Space Agency (ESA), who have offered us the opportunity to host the 2023 conference at the ESTEC site in Noordwijk, The Netherlands. This is the place where the Galileo satellite system is designed and where the European navigation satellites undergo final testing before being launched into orbit.

The main theme of the conference is Resilient Navigation. Vulnerability of satellite-based position and timing information is widely recognized. The need for resilience requires redundancy in the signal domain, terrestrial and space infrastructures and on-board implementation. It also requires vulnerabilities to be addressed in navigation functions, data, guidance and control.

The ENC returns to its original season and will take place from 31 May until 2 June 2023. This is the time of year when many flower fields in the area are in bloom and the weather is generally pleasant and sunny. The week just after the Pentecost weekend gives plenty of opportunities to visit the surrounding countryside, as well as the vibrant cities of The Hague, Leiden and Amsterdam.

After three very successful ENC events in our country in the last decades, the Netherlands Institute of Navigation is looking forward to receiving you once again - at the ENC 2023, held under auspices of EUGIN. This will be a broad conference for every professional with an interest in the fields of positioning, navigation and timing: scientists, technicians, policy makers, and above all, users.



Bart Banning

President

Netherlands Institute
of Navigation



Merle Snijders

Co-chair

Local organizing committee

2023



EUGIN and NIN

The European Navigation Conference is organized annually by a national navigation association that is a member of EUGIN, the European Group of Institutes of Navigation, since 1991.



The Netherlands Institute of Navigation (NIN) is a not-for profit organization, aimed at uniting and spreading knowledge and experience about positioning, navigation and timing.



COMMITTEES

Local Organizing Committee

Bart Banning, *Netherlands Institute of Navigation (NIN)*
Merle Snijders, *Netherlands Aerospace Centre (NLR)*
Peter Dieleman, *Netherlands Aerospace Centre (NLR)*
Bob Hogervorst, *Air Traffic Control The Netherlands (LVNL)*
Rikki van Rhee, *Netherlands Institute of Navigation (NIN)*

Scientific Program Committee

Okko Bleeker, *OFBConsult*
Erik Theunissen, *Netherlands Defence Academy (NLDA)*
Axel van den Berg, *CGI Space Netherlands*
Sandra Verhagen, *Delft University of Technology (TU Delft)*
Stephan Procee, *Maritime Institute Willem Barentsz (NHL)*
Hans Visser, *Fugro Innovation & Technology*
Tom Willems, *GAUSS Research Foundation*
Paolo Crosta, *European Space Agency (ESA), Tech Directorate*
Ruediger Weiler, *European Space Agency (ESA), Tech Directorate*

Conference Secretariat

We encourage you to contact the Sponsorship Coordinator to discuss the best sponsorship package to meet your budget and needs. If you have specific requirements or desired outcomes linked to your sponsorship, we would be happy to discuss the optimal package to suit your organization. For further details on the opportunities available please contact:

ENC 2023 Conference Secretariat

● ● ● ● CONGRESS BY DESIGN®

P.O. Box 77
3480 DB Harmelen
The Netherlands
Email: engage@enc2023.eu
Tel: +31 (0)88 0898104

GENERAL INFORMATION

Date: 31 May – 2 June 2023

Target Audience

Delegates from across industry, academia, government and all other sectors involved in the science and practice of Positioning, Navigation and Timing in its broadest sense.

Conference Venue

European Space Research and Technology Centre (ESTEC)

ESA has sites in several European countries, but the European Space Research and Technology Centre (ESTEC) in Noordwijk, the Netherlands, is the largest. ESTEC is ESA's technical heart – the incubator of the European space effort – where most ESA projects are born and where they are guided through the various phases of development.

Address: European Space Research & Technology Centre
Keplerlaan 1, 2201 AZ Noordwijk
The Netherlands

How to reach ESTEC

ESTEC is around 30 minutes south from Amsterdam and the airport. It is about ten minutes from the main hotels in Noordwijk. We will arrange local transport, like shuttle services to and from various hotels in the Noordwijk area. In addition, public transport in The Netherlands is very well organized.

You can come to ESTEC by car, there are plenty of signs along the main roads. You can also come by bicycle, the most popular mode of transport in The Netherlands.

PROGRAM OUTLINE

The program will consist of both plenary and parallel sessions with multiple time intervals, allowing direct interactions between participants and sponsors/exhibitors. In addition to the technical program there will be social activities that will encourage and foster networking opportunities.

We are considering to include special sessions on:

- GALILEO
- Upcoming and LEO constellations
- Navigation to the moon, mars and beyond

	Track 1	Track 2	Track 3	Track 4
Tuesday, 30 May 2023	International association meetings			
	Icebreaker Reception			
Wednesday, 31 May 2023	Opening Plenary			
	Parallel Session	Parallel Session	Parallel Session	Parallel Session
	ENC 2023 Beach Dinner			
Thursday, 1 June 2023	Excursion ESTEC			
	Parallel Session	Parallel Session	Parallel Session	Parallel Session
	Social Activity: Canal Cruise			
Friday, 2 June 2023	Parallel Session	Parallel Session	Parallel Session	Parallel Session
	Parallel Session	Parallel Session	Parallel Session	Parallel Session
	Closing Plenary & Adjourn			

Theme

The main theme of the conference is **Resilient Navigation**. Vulnerability of satellite-based Position Navigation and Timing (PNT) is widely recognized and applications relying on correct and continuously available PNT information require resilient solutions.

Resilience in position determination may be improved by addressing the robustness of individual components, but also by applying redundancy, dissimilarity and specific algorithms and data processing techniques. This applies to all elements of the PNT solution: the signal measurement domain, any infrastructural elements, service provision and end-user implementation.

Overall navigation resilience, however, also requires vulnerabilities to be addressed in other functions and data used for navigation, including map information, various databases, routing/path definition, guidance and control.

Separate from those functional matters, application domains such as aviation, maritime and surface navigation may show widely different implementations. Examples are man-machine interfaces, function allocation between electronic elements and human operators, crew complement, training and proficiency/skill base, developments in rules and regulations (ICAO/Aviation, COLREG/Maritime), quality and use of meteorological and oceanographic information. Correspondingly, measures must be considered in context of resilience.

The ENC 2023 theme addresses:

- The current state of affairs in terms of resilience in maritime, aeronautical and surface navigation
- Efforts needed, planned and being executed to mitigate current vulnerabilities and increase resilience, including operational measures such as crew familiarisation and training.

Important Dates and Deadlines

Abstract submission deadline	: January 24, 2023
Deadline early registration fees	: March 15, 2023
Sponsorship confirmation	: until January 31, 2023
Deadline for signing sponsorship contracts	: March 31, 2023
Icebreaker Reception	: May 30, 2023
Exhibition	: from May 31 (morning), 2023 to June 2 (morning), 2023
ENC 2023 Beach Dinner	: May 31, 2023
Optional Social Activity: Evening cruise (along the historic canals of downtown Amsterdam)	: June 1, 2023
Dismantling of Exhibition	: June 2 (afternoon), 2023

SPONSORSHIP AND EXHIBITION OPPORTUNITIES

The Local Organizing Committee of the ENC 2023 Conference extends a warm invitation to all interested organizations to demonstrate their support for the navigation field by participating in one or more of the options outlined in this document.

Why become a sponsor / exhibitor of ENC 2023?



Industry partnership is at the heart of this event

Our sponsorship packages have been carefully shaped to meet the commercial imperative of our industry partners. We provide a range of opportunities for name exposure, branding and networking.



Involvement in ENC 2023 is all about building brand awareness

Our exhibition hall for sponsors is positioned to capture maximum customer engagement. There are a range of opportunities to suit every budget, keeping your brand front of mind with delegates. Sponsors will also benefit from enhanced brand exposure in web and printed collateral, before, during and after the event.



Meet new contacts and strengthen key relationships

Maximizing networking opportunities for our delegates is an important priority. We work hard to provide places for formal and informal networking.

Sponsor and exhibitor opportunities at-a-glance

Below is a list of some of the ways your organization can benefit by becoming a Sponsor.

SPONSOR PACKAGES

	Diamond	Platinum	Gold	Silver	Exhibitor	Media Partner*
	Upon request	€ 25.000 (max 2)	€ 15.000 (max 3)	€ 7.500 (max 5)	€ 3.500	
Exhibition Space (Default table top: table, 2 chairs, access to electricity)		2 x 4 m ²	4 m ²	4 m ²	4 m ² **	
One oral presentation of maximum 12 minutes in the session, at the discretion of the Organising Committee		Plenary	Lunch			
Special acknowledgement: - On all printed marketing materials - On conference holding slides - In e-book published after the conference		As platinum sponsor	As gold sponsor	As silver sponsor		As media partner
Logo on ENC 2023 website		✓	✓	✓	✓	✓
Logo in conference app		✓	✓	✓	✓	✓
Company profile in the conference app (provided by sponsor)		50 words	50 words	50 words		
Delegate badges		3	2	1		1
Exhibitor badges (access to sessions and dinner not included)		2	2	2	2	

All prices are excluding VAT.

* Media Partner

The media partner will provide the following exposure and services before and during the European Navigation Conference 2023.

1. Put an ENC 2023 advertisement (half page) in an edition of media partner's magazine. Advertisement to be provided by the conference organisation.
2. Put the ENC 2023 logo on media partner's website with a link to ENC 2023 website.

** Subject to space availability. Priority will be given to Diamond, Platinum, Gold and Silver sponsors.

Exhibition

The ENC 2023 exhibition will be a hub of activity. As an exhibitor, you will enjoy prime exposure and direct marketing opportunities with the key players and decision makers in the field. The Conference provides you with a unique opportunity to highlight your services, research, technologies and products in allied fields and related disciplines, and provides the perfect forum for you to distribute information, promote your products and develop company loyalty. You can talk face-to-face with potential clients, customers and buyers. Create links for future business... a well-designed exhibit helps you attract interest and develop new leads, while at the same time increasing the educational value of the meeting for attendees. This Congress is a great opportunity for you to showcase your business.

The exhibition will be open during the entire congress. Exhibition space is offered on a first-come, first served basis.

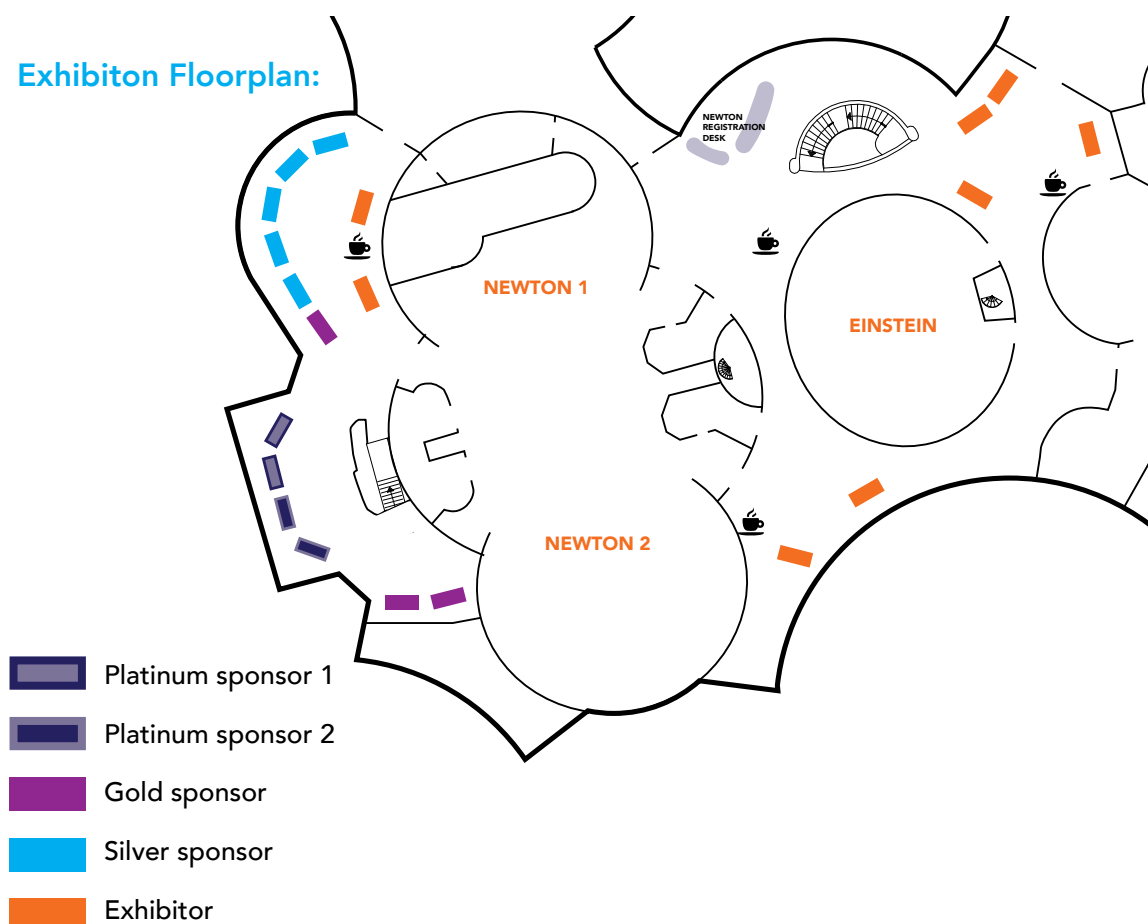
The sponsor/exhibitor's table top consists of:

- 1 x table
- 2 x chairs
- access to electricity

The sponsors should bring a banner to place next to/behind its table top. Maximum banner height is 2 meter.

The approximate exhibition space available to each exhibitor is 4 m² with the exception of Platinum Sponsors which have an exhibition space of 2 x 4m².

Exhibition Floorplan:



Other Sponsor Opportunities (All prices are excluding VAT)

ICEBREAKER RECEPTION (maximum 1 sponsor)	€ 5.000,-
<ul style="list-style-type: none"> • Branding possibilities at venue (branding to be provided by the Sponsor and is subject to approval by ENC 2023) • Sponsor's logo on the conference website and in conference app 	
DINNER (exclusive)	€ 10.000,-
<ul style="list-style-type: none"> • Branding possibilities at venue (branding to be provided by the Sponsor and is subject to approval by ENC 2023) • Sponsor's logo on the conference website and in conference app • Acknowledgement during welcome speech • 2 tickets free of charge 	
LUNCH (maximum 1 sponsor per day)	€ 3.500,-
<ul style="list-style-type: none"> • Branding possibilities during lunch (branding to be provided by the Sponsor and is subject to approval by ENC 2023) • Sponsor's logo on conference website and in conference app 	
COFFEE BREAKS (maximum 1 sponsor per day)	€3.000,-
<ul style="list-style-type: none"> • Branding possibilities during break (branding to be provided by the Sponsor and is subject to approval by ENC 2023) • Sponsor's logo on conference website and in conference app 	
LOGO ON LANYARDS FOR NAME BADGES (limited to one sponsor)	€ 5.500,-
<i>Please note the conference logo will be also printed on the lanyard together with the sponsor logo</i>	
COMPANY LOGO ON NAME BADGES (limited to one sponsor)	€ 2.500,-
BANNER PLACEMENT ON THE HOMEPAGE (of the conference website)	€ 1.500,-
<i>Banner to be provided by sponsor.</i>	
COMPANY BANNER IN CONFERENCE APP	€ 1.000,-
<i>Banner to be provided by sponsor.</i>	
FULL PAGE ADVERTISEMENT IN CONFERENCE E-BOOK	€ 3.000,-
Published after the conference	
<i>Advertisement to be provided by sponsor</i>	
CONFERENCE APP SPONSORSHIP (limited to one sponsor)	€ 3.500,-
<ul style="list-style-type: none"> • App Splashscreen • Banner in conference app (banner to be provided by sponsor) • Sponsor mentioned in conference app launch email as app sponsor 	
WATER BOTTLES (limited to one sponsor)	€ 2.000,-
<i>Bottles to be provided by sponsor.</i>	

FOOTPRINTS (limited to 2 exhibitors)

Upon request

Each step will bring attendees closer to your booth. The floor stickers are displayed in the exhibit hall with your own personalization. Tell attendees where your booth is located or simply display your logo. The floor stickers are strategically placed on the exhibit hall floor of the venue as a means of maximizing visibility for your company, your location and products. The conference organizer will produce the footprints.

ENC 2023 is a unique and prestigious marketing opportunity and we are confident your involvement as a sponsor in this European forum will provide your company with exceptional business rewards.

We encourage you to contact the Sponsorship Coordinator to discuss the best sponsorship package to meet your budget and needs. If you have specific requirements or desired outcomes linked to your sponsorship, we would be happy to discuss the optimal package to suit your organization.

TERMS & CONDITIONS

Sponsor and Exhibitors package

The following terms and conditions apply to all sponsorship and exhibition stand packages:

- The Conference Organizer will take the utmost care to fulfil all listed benefits. All marketing material and artwork must be provided by the Sponsor at the sponsor's own cost.
- The Sponsor/Exhibitor is responsible for any display banners supplied and erected at the Conference and must coordinate with the conference secretariat prior to the event.
- Sponsors/Exhibitors are responsible for the security of their own equipment and materials whilst at the Conference.

Terms of Payment

Sponsor and Exhibitors package

100% upon receipt of agreement to be signed by Sponsor/Exhibitor and Conference Organizer and invoice.

All payments must be received before the start of ENC 2023. Should the Sponsor/Exhibitor fail to complete payments prior the commencement of the Conference, the Conference Organizer will be entitled to cancel the reservation while cancellation will be subject to cancellation fees as determined below.

Sponsoring and exhibiting agreements will be confirmed in writing between the ENC 2023 Secretariat and the Sponsor/Exhibitor using the standard ENC 2023 contract text. An invoice with payment details will be sent together with the contract.

After receipt of the sponsorship agreement you will receive an invoice, payable within 30 days after receipt. If the invoice has not been fully paid prior to the Conference, you will not have access to the Conference.

Cancellation / Modification Policy

Cancellation or modification of items must be made via e-mail to the ENC 2023 Conference Secretariat: enc2023@congressbydesign.com.

The Conference Organizer shall retain:

- 10% of the agreed package amount if the cancellation/modification is made 6 months before the start of the conference
- 50% of the agreed package amount if the cancellation/modification is made 6-3 months before the start of the conference
- 100% of the agreed package amount if the cancellation/modification is made less than 3 months before the start of the conference

Any refunds of deposits paid will be made after the Conference but no later than 31 August 2023. The Sponsor or Exhibitor company will not be entitled to any interest that the organizer may have derived from deposits made by the company. All bank charges, including senders and receiver's charges, resulting from a refund related to cancellation of a sponsorship/exhibition items will be passed on to the Sponsor/Exhibitor.

Liability

The Conference Organizer accept no responsibility for any damage if the Conference is cancelled due to any obstacle or hindrance outside the control of the Conference Organizer, which they could not reasonably have foreseen when signing this agreement and which the Conference Organizer could not have avoided at a reasonable effort of costs. Such obstacles and hindrances include, but are not limited to, the outbreak of war, civil riots, governmental or other obstacles for the freedom of travel, union actions, natural disasters, fire, flooding and any other circumstance that fall within the meaning of the above.

BOOKING FORM



Please return the completed and signed order form to the Conference Secretariat: ENC 2023 c/o Congress by design
enc2023@congressbydesign.com

Company name

Contact person

Street name or P.O. Box

Post code

City

Country

Phone number

Cell phone

Email address

Invoice email address (if different than above)

VAT number.....

SPONSOR PACKAGES

	Diamond	Platinum	Gold	Silver	Exhibitor	Media Partner*
	Upon request	€ 25.000 (max 2)	€ 15.000 (max 3)	€ 7.500 (max 5)	€ 3.500	
Exhibition Space (Default table top: table, 2 chairs, access to electricity)		2 x 4 m ²	4 m ²	4 m ²	4 m ² **	
One oral presentation of maximum 12 minutes in the session, at the discretion of the Organising Committee		Plenary	Lunch			
Special acknowledgement: - On all printed marketing materials - On conference holding slides - In e-book published after the conference		As platinum sponsor	As gold sponsor	As silver sponsor		As media partner
Logo on ENC 2023 website		✓	✓	✓	✓	✓
Logo in conference app		✓	✓	✓	✓	✓
Company profile in the conference app (provided by sponsor)		50 words	50 words	50 words		
Delegate badges		3	2	1		1
Exhibitor badges (access to sessions and dinner not included)		2	2	2	2	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Media partner: See page 9

** Subject to space availability. Priority will be given to Diamond, Platinum, Gold and Silver sponsors.

BOOKING FORM

BOOKING FORM PAGE 2/2

OTHER SPONSORSHIP OPPORTUNITIES

Please tick the item(s) of your choice:

- | | |
|---|--------------|
| <input type="checkbox"/> ICEBREAKER RECEPTION (maximum 1 sponsor) | € 5.000,- |
| <input type="checkbox"/> DINNER (exclusive) | € 10.000,- |
| <input type="checkbox"/> LUNCH (maximum 1 sponsor per day) | € 3.500,- |
| <input type="checkbox"/> COFFEE BREAKS (maximum 1 sponsor per day) | € 3.000,- |
| <input type="checkbox"/> LOGO ON LANYARDS FOR NAME BADGES (limited to one sponsor) | € 5.500,- |
| <input type="checkbox"/> COMPANY LOGO ON NAME BADGES (limited to one sponsor) | € 2.500,- |
| <input type="checkbox"/> BANNER PLACEMENT ON THE HOMEPAGE (of the conference website) | € 1.500,- |
| <input type="checkbox"/> COMPANY BANNER IN CONFERENCE APP | € 1.000,- |
| <input type="checkbox"/> FULL PAGE ADVERTISEMENT IN CONFERENCE E-BOOK | € 3.000,- |
| <input type="checkbox"/> CONFERENCE APP SPONSORSHIP (limited to one sponsor) | € 3.500,- |
| <input type="checkbox"/> WATER BOTTLES (limited to one sponsor) | € 2.000,- |
| <input type="checkbox"/> FOOTPRINTS (limited to 2 exhibitors) | Upon request |

Please note:
All sponsorship
and exhibition costs are
quoted exclusive 21% VAT.

Total: € ,-

(except option Footprints)

Signature:

Date: dd / mm / yyyy

The undersigned is authorised to sign and authorised on behalf of his/her company to sign for the total sum. Please see the Terms of Payment and Cancellation/modification policy.



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