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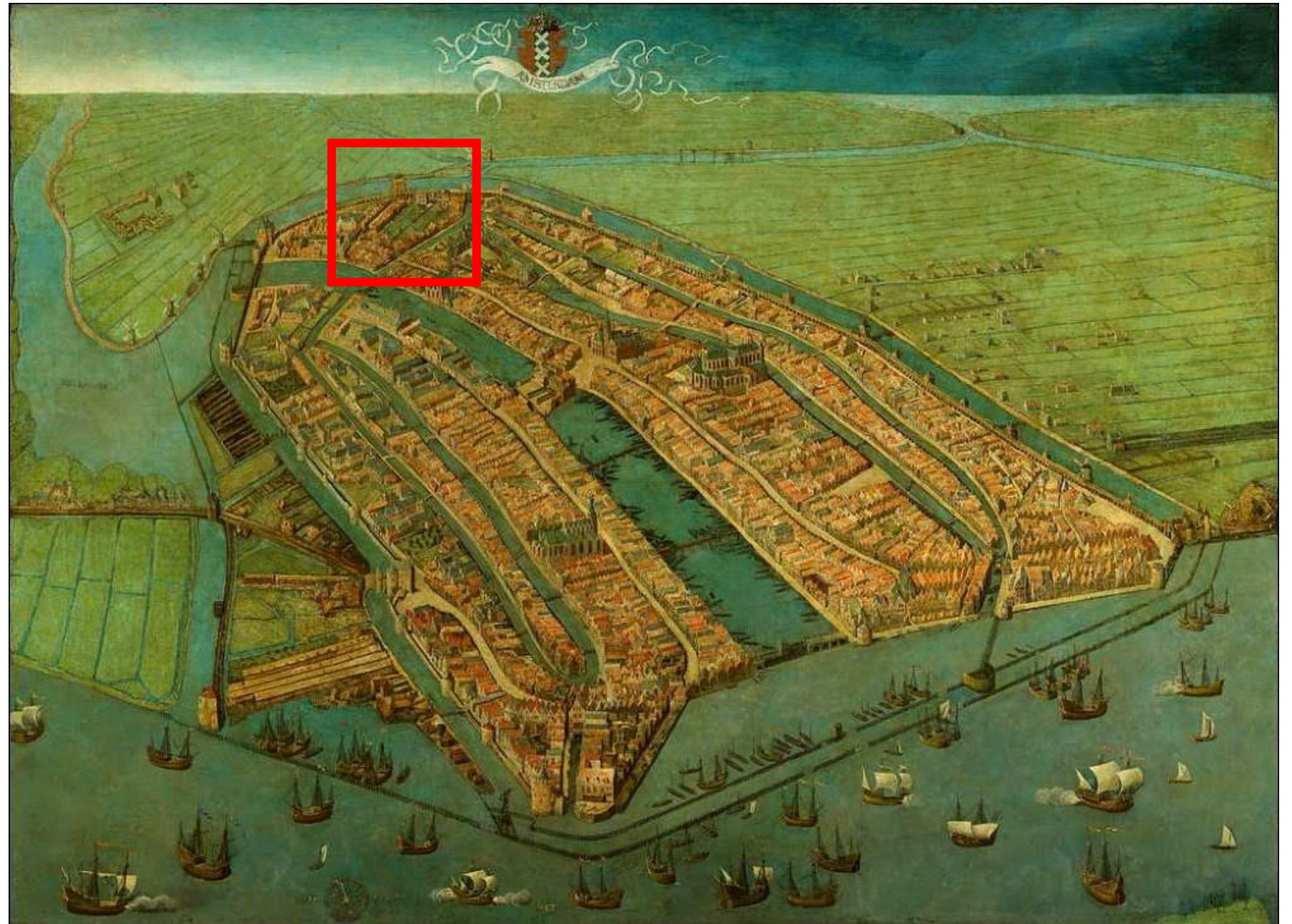
Applied Geometric Algebras in Computer Science and Engineering 2024

August 27-29, 2024, Amsterdam

AGACSE 2024

	Tuesday 27	Wednesday 28	Thursday 29
08:30	<i>Registration + coffee</i>		
09:00	Computing	08:45 Vision & Robotics	08:45 Mathematical Aspects 2
11:00	<i>Coffee</i>	10:45 <i>Coffee</i>	10:45 <i>Coffee</i>
11:15	STA Physics	11:15 Control & GIS	11:15 Electro-Magnetism
13:15	<i>Lunch</i>	13:15 <i>Lunch</i>	13:15 <i>Lunch</i>
14:15	Machine Learning 1	14:15 Machine Learning 2	14:15 Visualization/Education
15:45	<i>Tea</i>	15:45 <i>Tea</i>	15:45 <i>Tea</i>
16:15	Mathematical Aspects 1	16:15 Pitches, Posters/Demos	16:15 Computational Geometry
18:45	<i>Reception/Boat Tour</i>	19:15 <i>Conference Dinner</i>	18:15 <i>Awards, Next venue</i>

Target Hall



Bird's eye view of
Amsterdam
Cornelis Anthonisz
(1538)

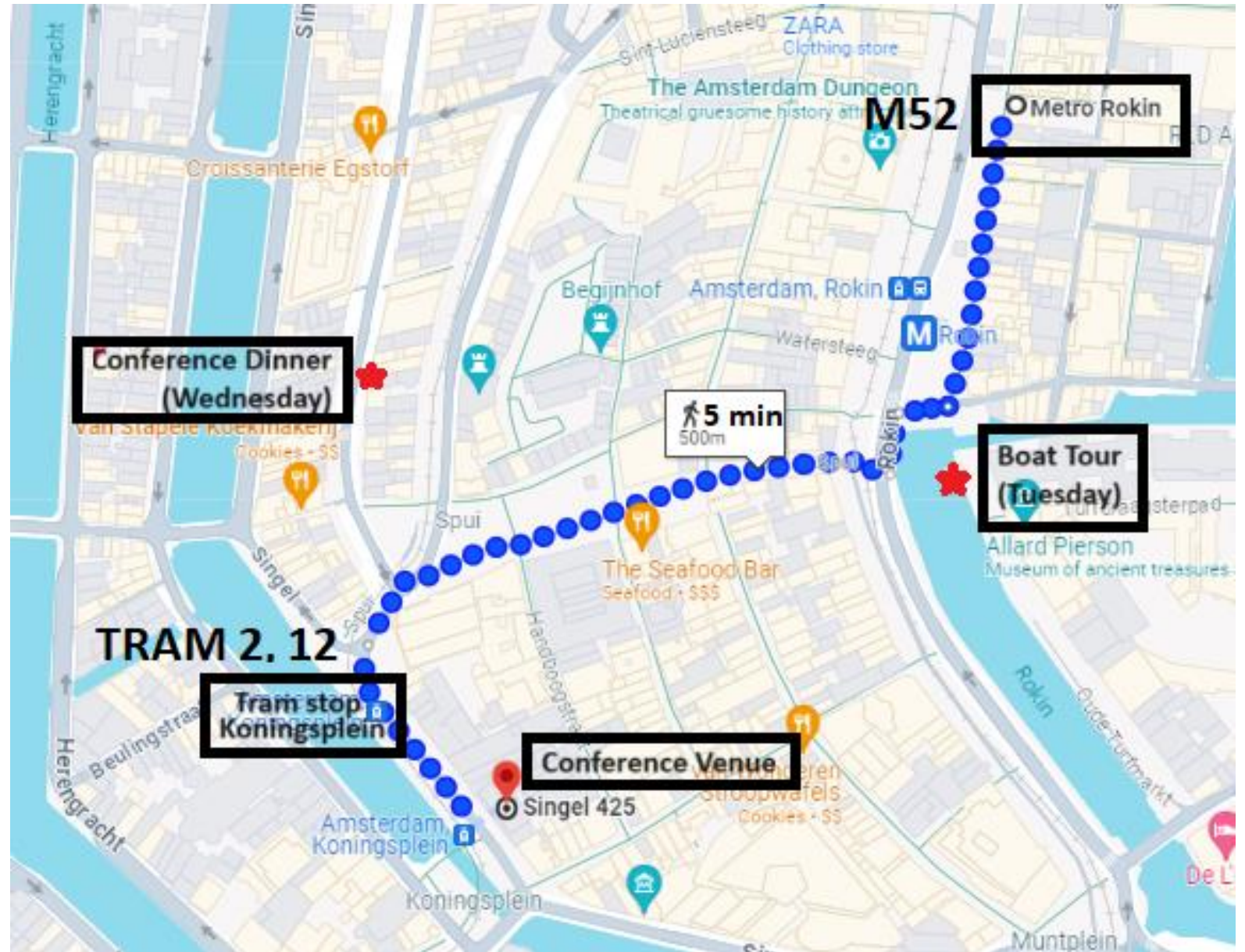
Structural Matters

- Up-to-date **programme** is most easily consulted online at AGACSE website.
- Free **WIFI access** ([eduroam](#), and for non-EU with passcode),
- Please wear your **name tag**, also to the events.
- There will be **two coffee/tea breaks** and **lunch** in the front hall.
- We have a **private breakout room** nearby (upon request).
- Tonight boat tour with drinks and snacks. **Departure 18:45 sharp, 5-minute walk!**
- All talks will be **recorded** for the online participants, made available after each session. We may place some on [bivector.net](#) later, will ask permission per case.
- The 3-day schedule is very tight... Let us all help it along!

Speakers: contact your session chair in time, upload your presentation beforehand.

Tonight: Boat Tour Reception

Departure at
18:45 sharp,
5 minute walk



Boat Tour

Map also on website/Venue.



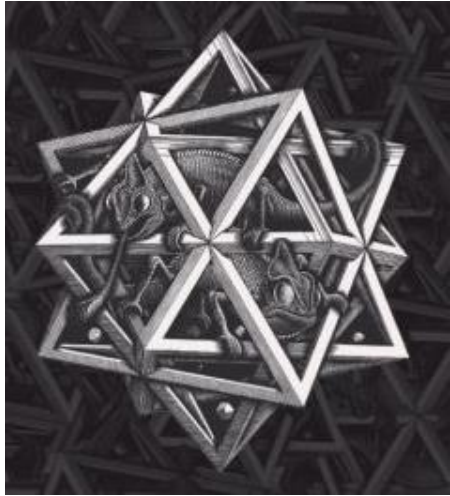
Wednesday: AGACSE Conference Dinner



Celebration of the Treaty of Munster at the Handbow Range in Amsterdam

Bartholomeus van der Helst (1648) painted the end of our 80-year uprising against Spain.

For those who booked, conference dinner will be at [Kantjil & de Tijger](#), Indonesian restaurant 2 minutes from here.



Smoothness and Continuity

- The front desk (conference bureau) can help with registration issues, (limited) printing etc.
- Locals know general tourist information of Amsterdam and environs.
- Laptop & AV-setup assistance: session chairs, Stephen Mann & Wallace
- Help us with the selecting the awardees (young paper, best poster).
- We welcome suggestions for the next AGACSE 2027 location!

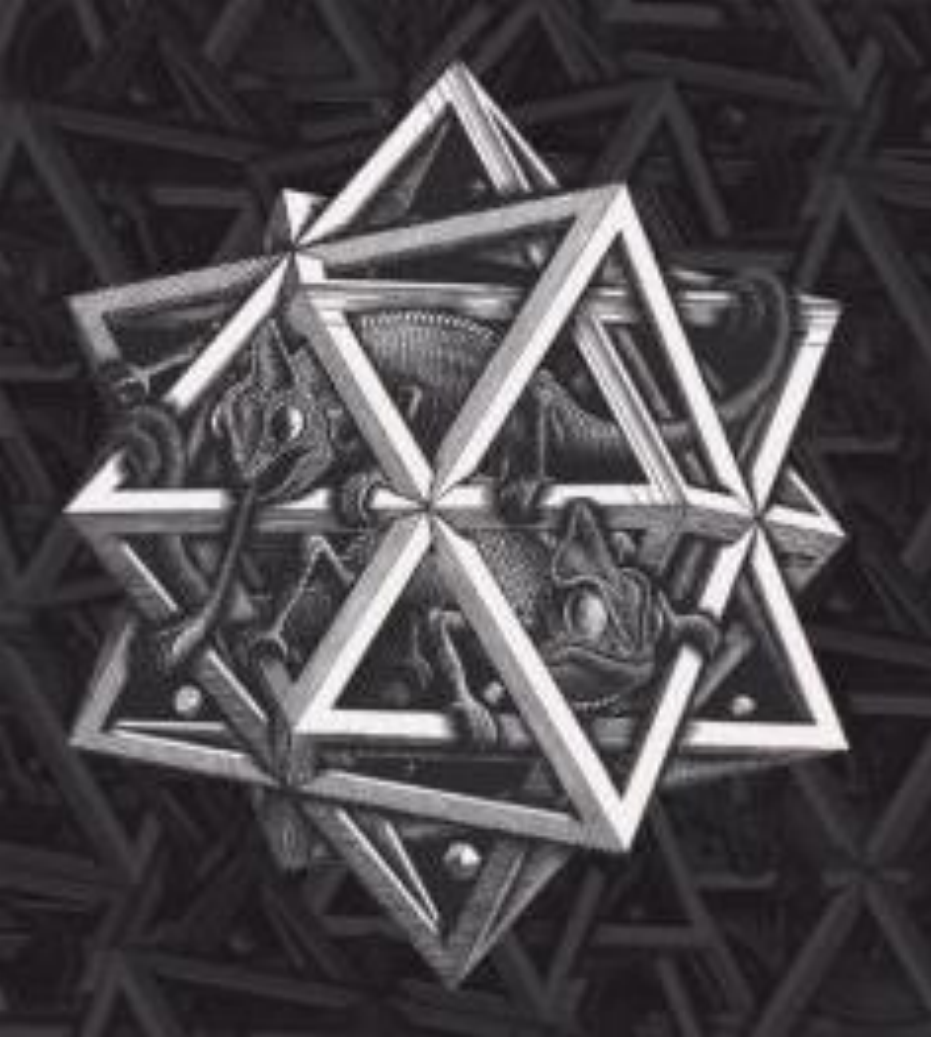
Thank you for helping to make this happen!

• Organizing Committee

Leo Dorst	University of Amsterdam, NL
Joan Lasenby	University of Cambridge, UK
Eckhard Hitzer	International Christian University, JP
Petr Vašík	Brno University of Technology , CZ
Carlile Lavor	University of Campinas, BR
Sebastià Xambó	Universitat Politècnica de Catalunya, CT
Pierre Dechant	University of Leeds, UK
Dietmar Hildenbrand	TU Darmstadt, GER
Eduardo Bayro-Corrochano	INVESTAV, MX
Hongbo Li	Chinese Academy of Sciences , CHN

• Scientific Committee

Derek Abbott	University of Adelaide, AUS
Eduardo Bayro-Corrochano	INVESTAV, MX
Pierre Dechant	University of Leeds, UK
Steven De Keninck	Matrix Factory, BE
Chris Doran	University of Cambridge, UK
Leo Dorst	University of Amsterdam, NL
Todd Ell	Raytheon, USA
Patrick Forré	University of Amsterdam, NL
Dietmar Hildenbrand	Darmstadt, GER
Eckhard Hitzer	International Christian University, JP
Anthony Lasenby	University of Cambridge, UK
Joan Lasenby	University of Cambridge, UK
Carlile Lavor	University of Campinas, BR
Hongbo Li	Chinese Academy of Sciences , CHN
Gene McClellan	ARA, USA
Francisco Montoya	Universidad de Almera, ES
Vincent Nozick	Universit Gustave Eiffel, FR
George Papagiannakis	University of Crete, GR
Dmitry Shirokov	National Research University, RS
Petr Vašík	Brno University of Technology , CZ
Salvatore Vitabile	Universtiy of Palermo, IT
Sebastià Xambó	Universitat Politècnica de Catalunya, CT



Thursday: Prizes, Publication, AGACSE 2027

There are two prizes to be given:

- The **David Hestenes Promising Young Researcher Award** for best young talk.
- The **Waldyr R. Rodrigues Jr. Best Poster Prize** (any age).

Help us select the winners!

Publication of selected papers after the conference: in LNCS and AACA.

We will send emails about the selection and submission. Expect first deadline December 2024 or so, review results 2-3 months later.

We hope to announce venue of **AGACSE 2027**. Contact us if you are willing!

**The Waldyr R. Rodrigues Jr.
Best Poster Prize**

is presented to

Heerak Sharma

for his poster

Inverse of a Multivector

The David Hestenes Promising Young Researcher Award

is presented to

Jorge Ventura

for his contribution

**Applications of Geometric Algebra
in Surveying and Geometry**

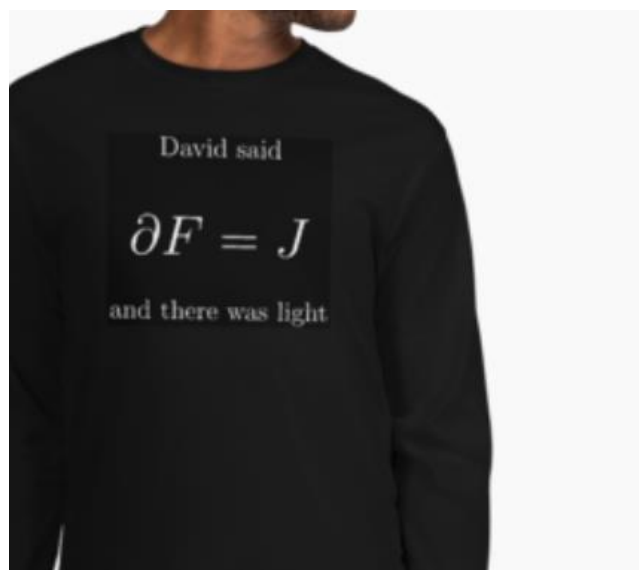
Daren Thimm

for his contribution

**Factorizations of the
Villarceau Motion**



<https://bivector.net/merch.html>



Publication of Selected AGACSE Contributions

Publication of selected papers after the conference:
in Springer LNCS (for CS) and AACA (others/CS).

We will send emails about the selection and submission. Expect first deadline December 2024 or so, review results 2-3 months later.

The Next AGACSE:



Beijing 2026



Safe trip home, from Leo & Joan!