

**Proposal to Host the 47st International
Conference on Infrared, Millimeter and
TeraHertz Waves, 4-9 September 2022**



THE NETHERLANDS

Small country with
easy accessibility

Stable economic and
political climate

English widely spoken

Schengen zone, visa
letter provided if
required



Local Organizing Committee

Prof. Nuria Llombart (Chairwoman)

Prof. Andrea Neto (TPC chair)

Prof. Jaime Gomez Rivas

Dr. Britta Redlich

Dr. Aurèle Adam

Prof. Jochem Baselmans

Prof. Giampiero Gerini

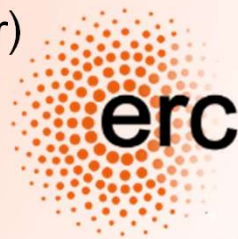
Dr. Peter De Maagt

Dr. Elena Saenz

Dr. Daniele Cavallo

Dr. Akira Endo

Dr. Jian Rong Gao



Technical Program

Prof. Andrea Neto (TPC Chair)

Materials Science

Prof. Jaime Gomez Rivas (Co-Chair)

Condensed matter

2D materials

*Metamaterials, plasmonics
and artificial materials*

*Near-field techniques and
microscopy*

Sources and Detectors

Dr. Aurèle Adam (Co-Chair)

Electronic sources and detectors

Laser driven sources and detectors

Gyro-Oscillators and Amplifiers

Nano and quantum devices

Superconductive detectors

QCL

Applications

Defense and security.

Non-destructive sensing

Biology and Medicine

Telecoms

*Astronomy, Atmospheric
and Earth observation*

Multi-Physics

Dr. Britta Redlich (Co-Chair)

Free Electron Lasers and Synchrotron

Radiation

*High field THz generation and nonlinear
physics*

Spectroscopy of gases

Ultrafast phenomena

Plasma Diagnostic

Systems

Prof. Andrea Neto (Co-Chair)

Components and systems

Imaging and remote sensing techniques

Time-domain systems

Metrology

Radars

WHY ROTTERDAM

for IRMMW-THz 2022

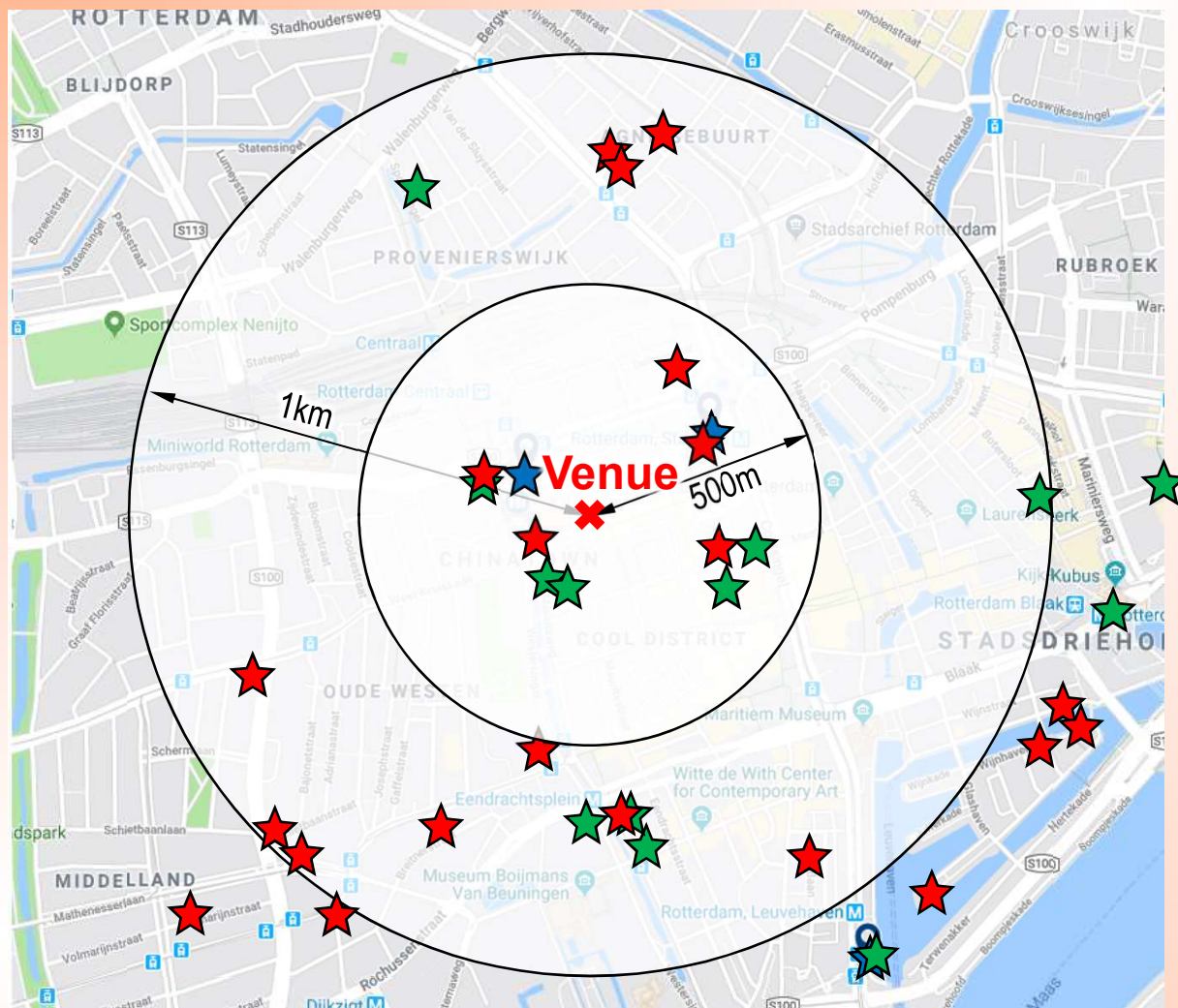
1.
**Easily
accessible
city with many
hotel options for
the delegates**

2.
**Excellent and
affordable
conference
venue**

3.
**Hospitable and
international
city (45%
foreign born)**

4.
**Attractive city
& must-see
destination**

LOCAL ACCOMODATION



Hotel accommodation

**>8,000
BEDROOMS**



3-star properties
from €80 to €120



4-star properties
from €120 to €180



5-star properties
from €180 to €240



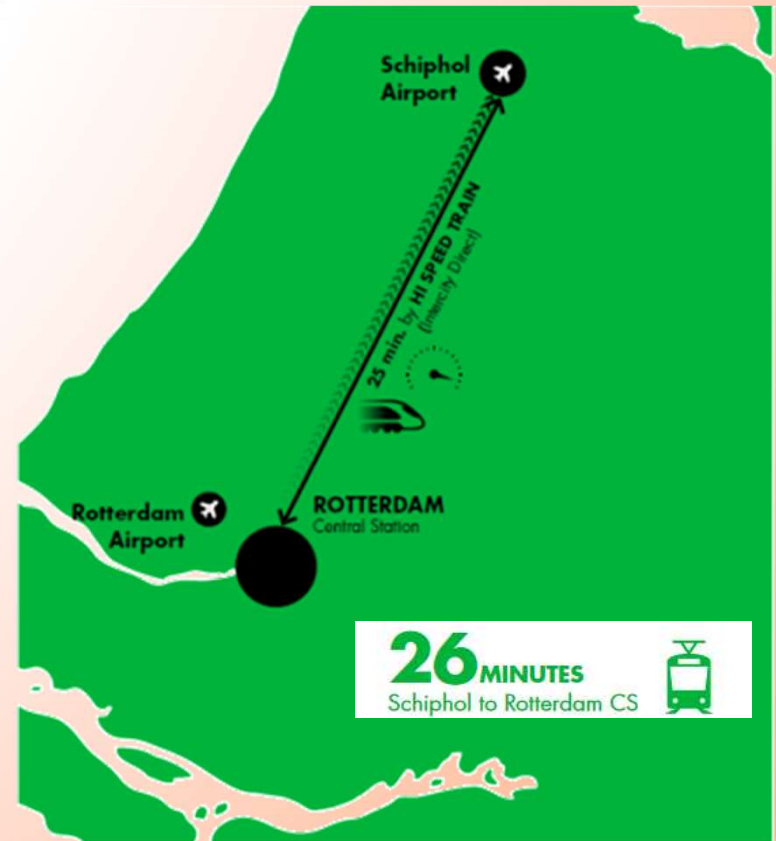
	500 m	1 km
★ 5 stars	2	2
★ 4 stars	5	10
★ 3 stars	5	16
Total	12	28

EASILY ACCESSIBLE CITY

300 destinations via international
Amsterdam Schiphol Airport



2nd largest hub in the world
& most user friendly airport



EASILY ACCESSIBLE CITY



Frequent international trains from
Belgium, Germany, France & UK

Central station view from
the Conference complex
(Marriott hotel)

DE DOELEN ICC ROTTERDAM

Congress centre



Famous concert hall

**2 min. walking distance from
Rotterdam Central Station**

**18 breakout rooms from
10-700 persons.
Plenary for 1.755 delegates**



GROTE ZAAL COMPLEX. MODERN CONFERENCE HALL

1.755 seating capacity

Conference Center Floorplan

Large cozy space

All rooms in 2 floors:

Plenary Hall:

1.755 Seats

5 break-out rooms:

450 Seats

250 Seats

150 Seats

140 Seats

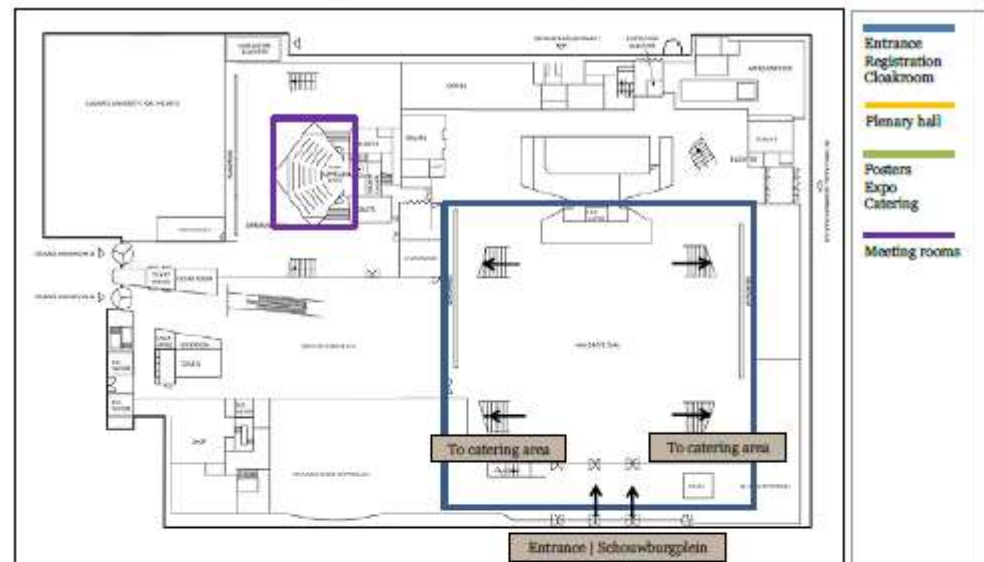
85 Seats

2 meeting rooms

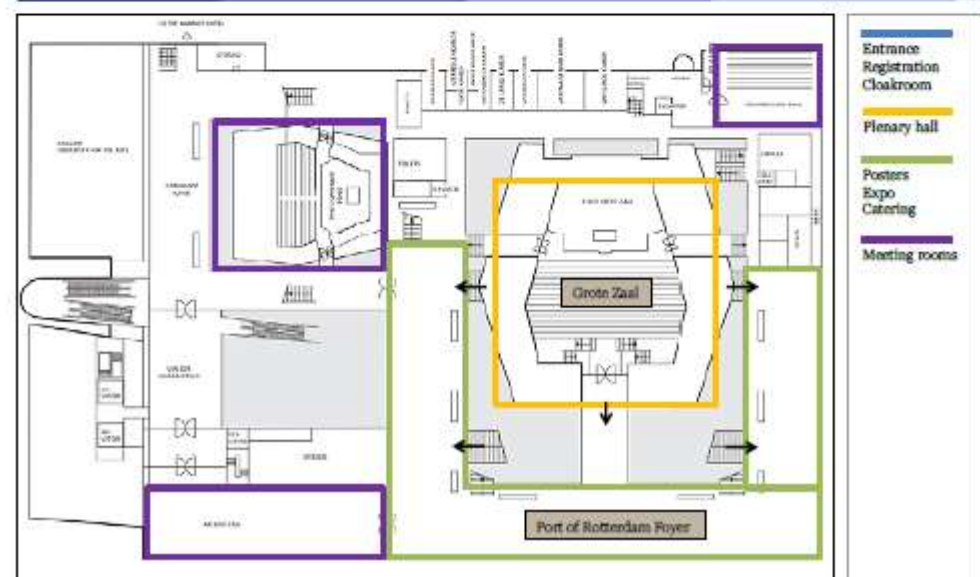
Venue Foyer (1.400m²)

Exhibitors +
Catering +
Posters

Ground Floor



1st Floor

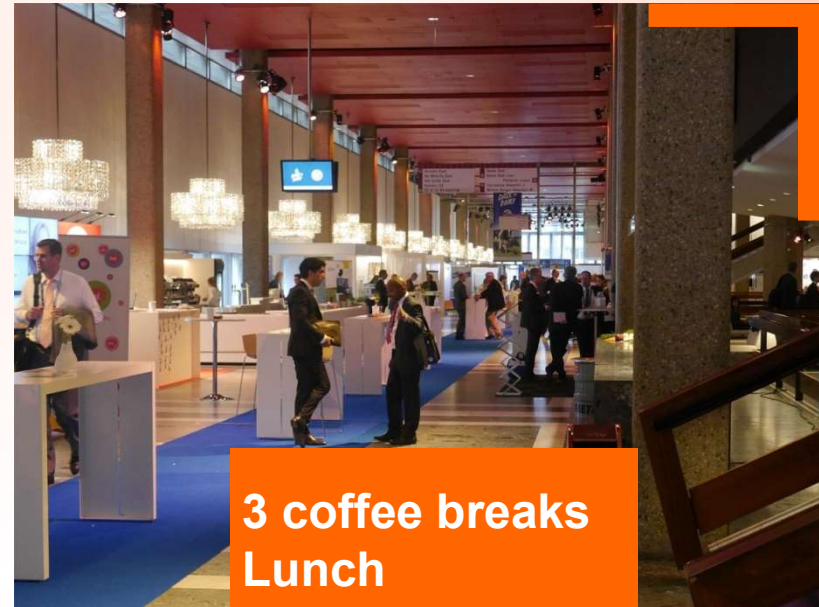


Conference Center

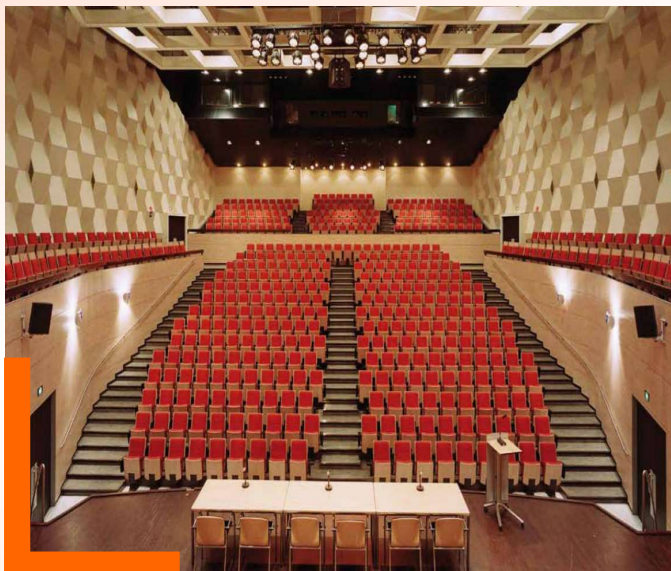
Entrance



Congress foyer



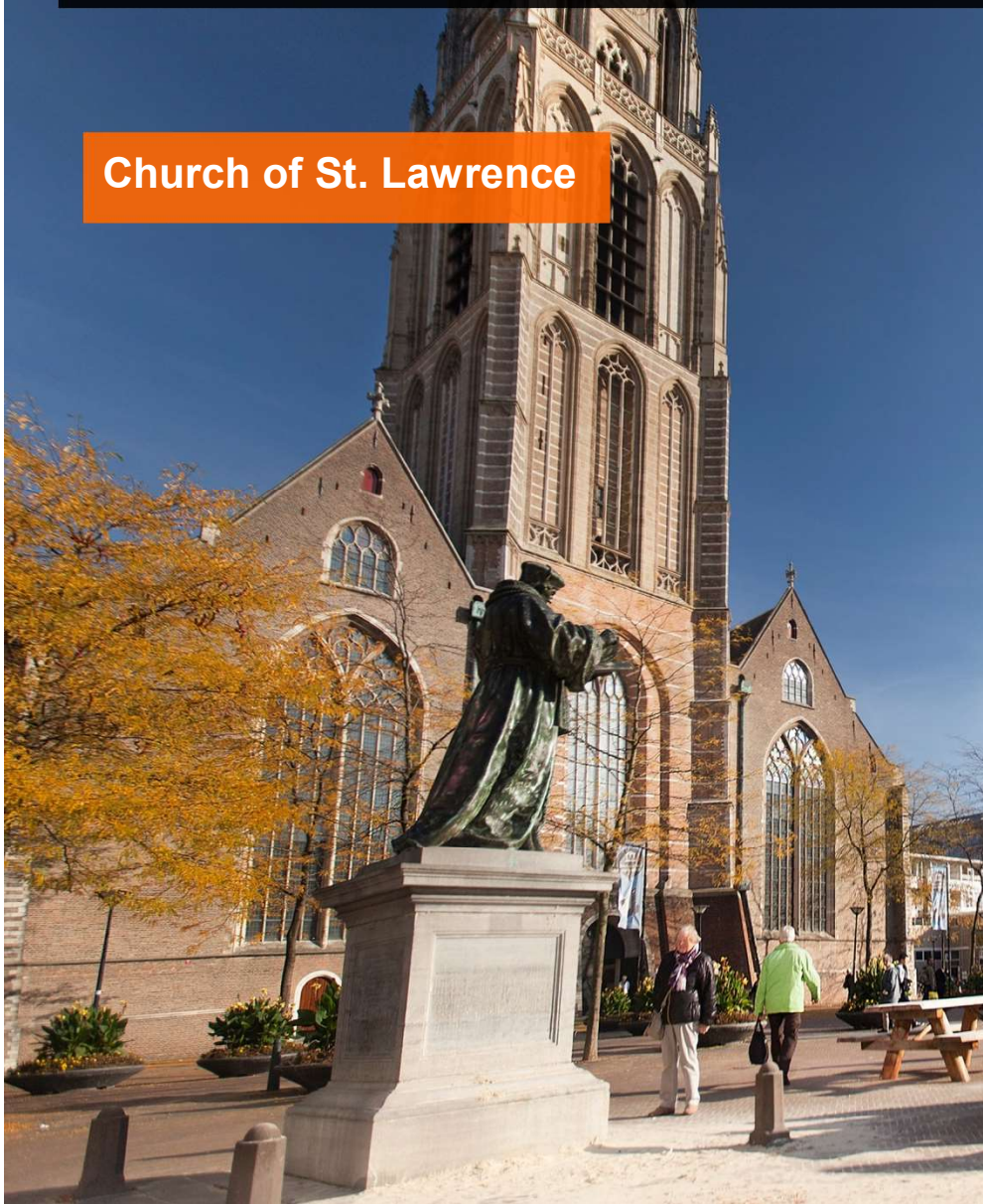
Examples of break-out rooms



SOCIAL PROGRAM

Banquet

Church of St. Lawrence



The only remnant of the
medieval city of Rotterdam

National Monument Foundation



SOCIAL PROGRAM

Reception at ss Rotterdam



Many nice international cuisine locations for the board dinner



Technical tour



Space Expo Noordwijk



CONFERENCE SPONSORSHIP & SUPPORT



30keuro (EE Faculty)

PCO (TUDelft event solution)

ROTTERDAM
partners

City Services
Convention Bureau

Free reception at the
city hall



Exhibition

In cooperation with



veldlaser



Budget IRMMW-THz 2022	500 persons			700 persons			1.000 persons		
Income									
Registration fees	€ 269,000.00			€ 376,600.00			€ 538,000.00		
Sponsors	€ 30,000.00			€ 30,000.00			€ 30,000.00		
Exhibitors	€ 55,000.00			€ 55,000.00			€ 55,000.00		
Total income	€ 354,000.00			€ 461,600.00			€ 623,000.00		
Costs		Fixed	Variable costs		Fixed	Variable costs		Fixed	Variable costs
Venue de Doelen Rotterdam	€ 172,851.55	€ 16,873.50	€ 155,978.05	€ 209,056.55	€ 21,843.50	€ 187,213.1	€ 271,231.55	€ 29,298.50	€ 241,933.05
Room rental & AV	€ 77,103.05		€ 77,103.05	€ 77,103.05		€ 77,103.05	€ 86,103.05		€ 86,103.05
Catering,	€ 78,875.00		€ 78,875.00	€ 110,110.00		€ 110,110.0	€ 155,830.00		€ 155,830.00
Staff & miscellaneous	€ 16,273.50	€ 16,273.50		€ 21,243.50	€ 21,243.50		€ 28,698.50	€ 28,698.50	
Entertainment welcome reception	€ 600.00	€ 600.00		€ 600.00	€ 600.00		€ 600.00	€ 600.00	
Registration	€ 25,500.00	€ 10,000.00	€ 15,500.00	€ 31,739.50	€ 10,000.00	€ 21,739.50	€ 40,802.50	€ 10,000.00	€ 30,802.50
Registration (www.aanmelder.nl)	€ 2,370.00		€ 2,370.00	€ 3,318.00		€ 3,318.00	€ 4,740.00		€ 4,740.00
Abstract handling SCHOCKLOGIC	€ 10,000.00	€ 10,000.00		€ 10,000.00	€ 10,000.00		€ 10,000.00	€ 10,000.00	
Onsite registration management (scanners, printers)	€ 1,382.50		€ 1,382.50	€ 1,975.00		€ 1,975.00	€ 2,567.50		€ 2,567.50
Badges and lanyards	€ 987.50		€ 987.50	€ 1,382.50		€ 1,382.50	€ 1,975.00		€ 1,975.00
Banking and credit card fees 4%	€ 10,760.00		€ 10,760.00	€ 15,064.00		€ 15,064.00	€ 21,520.00		€ 21,520.00
Printing material	€ 6,004.00	€ 3,634.00	€ 2,370.00	€ 7,268.00	€ 3,950.00	€ 3,318.00	€ 8,690.00	€ 3,950.00	€ 4,740.00
Programme booklet	€ 2,370.00		€ 2,370.00	€ 3,318.00		€ 3,318.00	€ 4,740.00		€ 4,740.00
Logo and design	€ -	€ -		€ -	€ -		€ -	€ -	
Roll up banner	€ 237.00	€ 237.00		€ 237.00	€ 237.00		€ 237.00	€ 237.00	
Branding and promotion venue	€ 1,975.00	€ 1,975.00		€ 1,975.00	€ 1,975.00		€ 1,975.00	€ 1,975.00	
Promotional flyers	€ 1,422.00	€ 1,422.00		€ 1,738.00	€ 1,738.00		€ 1,738.00	€ 1,738.00	
Conference bag	€ 6,320.00	€ -	€ 6,320.00	€ 8,848.00	€ -	€ 8,848.00	€ 12,640.00	€ -	€ 12,640.00
Conference bag	€ 3,950.00		€ 3,950.00	€ 5,530.00		€ 5,530.00	€ 7,900.00		€ 7,900.00
USB sticks with abstracts	€ 2,370.00		€ 2,370.00	€ 3,318.00		€ 3,318.00	€ 4,740.00		€ 4,740.00
Conference organisation	€ 15,000.00	€ 15,000.00	€ -	€ 15,000.00	€ 15,000.00	€ -	€ 15,000.00	€ 15,000.00	€ -
Organizational costs TU Delft Event Solutions (PCO)	€ 15,000.00	€ 15,000.00		€ 15,000.00	€ 15,000.00		€ 15,000.00	€ 15,000.00	
Welcome Reception at ss Rotterdam	€ 23,792.50	€ 7,500.00	€ 16,292.50	€ 33,415.00	€ 10,900.00	€ 22,515.00	€ 47,035.00	€ 14,500.00	€ 32,535.00
Catering, incl. furniture and personnel	€ 16,292.50		€ 16,292.50	€ 22,515.00		€ 22,515.00	€ 32,535.00		€ 32,535.00
Rental location	€ 4,000.00	€ 4,000.00		€ 6,000.00	€ 6,000.00		€ 7,500.00	€ 7,500.00	
Transport	€ 3,500.00	€ 3,500.00		€ 4,900.00	€ 4,900.00		€ 7,000.00	€ 7,000.00	
Conference dinner at Laurenskerk	€ 70,775.00	€ 22,275.00	€ 48,500.00	€ 91,175.00	€ 25,025.00	€ 66,150.00	€ 121,525.00	€ 29,025.00	€ 92,500.00
Catering costs, included personnel	€ 48,500.00		€ 48,500.00	€ 66,150.00		€ 66,150.00	€ 92,500.00		€ 92,500.00
Rental location, incl. cleaning	€ 5,995.00	€ 5,995.00		€ 5,995.00	€ 5,995.00		€ 5,995.00	€ 5,995.00	
Technique: light and sound	€ 8,200.00	€ 8,200.00		€ 8,200.00	€ 8,200.00		€ 8,200.00	€ 8,200.00	
Furniture	€ 6,500.00	€ 6,500.00		€ 9,250.00	€ 9,250.00		€ 13,250.00	€ 13,250.00	
Conference dinner: Entertainment	€ 1,580.00	€ 1,580.00		€ 1,580.00	€ 1,580.00		€ 1,580.00	€ 1,580.00	
Society International Board dinner	€ 8,873.00	€ 2,923.00	€ 5,950.00	€ 8,873.00	€ 8,873.00	€ -	€ 8,873.00	€ 8,873.00	€ -
Catering costs, included personnel	€ 5,950.00		€ 5,950.00	€ 5,950.00	€ 5,950.00		€ 5,950.00	€ 5,950.00	
Rental location	€ 1,185.00	€ 1,185.00		€ 1,185.00	€ 1,185.00		€ 1,185.00	€ 1,185.00	
Transport	€ 790.00	€ 790.00		€ 790.00	€ 790.00		€ 790.00	€ 790.00	
Entertainment	€ 948.00	€ 948.00		€ 948.00	€ 948.00		€ 948.00	€ 948.00	
Keynotes/speakers	€ 3,950.00	€ 3,950.00	€ -	€ 3,950.00	€ 3,950.00	€ -	€ 3,950.00	€ 3,950.00	€ -
Travel costs	€ 2,212.00	€ 2,212.00		€ 2,212.00	€ 2,212.00		€ 2,212.00	€ 2,212.00	
Accommodation	€ 1,580.00	€ 1,580.00		€ 1,580.00	€ 1,580.00		€ 1,580.00	€ 1,580.00	
Gift	€ 158.00	€ 158.00		€ 158.00	€ 158.00		€ 158.00	€ 158.00	
Miscellaneous costs	€ 4,345.00	€ 4,345.00	€ -	€ 4,345.00	€ 4,345.00	€ -	€ 4,345.00	€ 4,345.00	€ -
Photographer	€ 1,185.00	€ 1,185.00		€ 1,185.00	€ 1,185.00		€ 1,185.00	€ 1,185.00	
Travel grants	€ 3,160.00	€ 3,160.00		€ 3,160.00	€ 3,160.00		€ 3,160.00	€ 3,160.00	
Total costs, excluding VAT	Total	Fixed	Variable costs	Total	Fixed	Variable costs	Total	Fixed	Variable costs
	€ 337,411.05	€ 86,500.50	€ 250,910.55	€ 413,670.05	€ 103,886.50	€ 309,783.6	€ 534,092.05	€ 118,941.50	€ 415,150.55

PRELIMINARY BUDGET

Income

	500 persons	700 persons	1.000 persons
Registration fees	€ 269,000.00	€ 376,600.00	€ 538,000.00
Sponsors	€ 30,000.00	€ 30,000.00	€ 30,000.00
Exhibitors	€ 55,000.00	€ 55,000.00	€ 55,000.00
Total income	€ 354,000.00	€ 461,600.00	€ 623,000.00

	Excluding VAT	Including VAT
Average registration fee	€ 589,00	€ 700,00
Average student registration fee	€ 419,00	€ 500,00

Costs

	500 persons	700 persons	1.000 persons
Venue de Doelen Rotterdam	€ 172,851.55	€ 209,056.55	€ 271,231.55
Registration	€ 25,500.00	€ 31,739.50	€ 40,802.50
Printing material	€ 6,004.00	€ 7,268.00	€ 8,690.00
Conference bag	€ 6,320.00	€ 8,848.00	€ 12,640.00
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Welcome Reception at ss Rotterdam	€ 23,792.50	€ 33,415.00	€ 47,035.00
Conference dinner at Laurenskerk	€ 70,775.00	€ 91,175.00	€ 121,525.00
Society International Board dinner	€ 8,873.00	€ 8,873.00	€ 8,873.00
Keynotes/speakers	€ 3,950.00	€ 3,950.00	€ 3,950.00
Miscellaneous costs	€ 4,345.00	€ 4,345.00	€ 4,345.00
Total costs, excluding VAT	€ 337,411.05	€ 413,670.05	€ 534,092.05
Fixed costs	€ 86,500.50	€ 103,886.50	€ 118,941.50
Variable costs	€ 250,910.55	€ 309,783.55	€ 415,150.55

Revenue

	500 persons	700 persons	1.000 persons
Total revenue	€ 16,588.95	€ 47,929.95	€ 88,907.95

**See you in
Rotterdam!**

IRMMW-THz 2022

Rotterdam
The Netherlands



Extra slides

Delft, Jan 29, 2019

To the International Society of Infrared, Millimeter, and Terahertz Wave

c/o Prof Daniel Mittleman and Dr Peter Siegel

Dear members of the board,

I would like to express the support of the Faculty of Electrical Engineering, Mathematics and Computer Science from the Technical University of Delft for hosting the 47st International Conference on Infrared, Millimeter and Terahertz Wave in The Netherlands.

Delft University of Technology also known as TU Delft, is the largest and oldest Dutch public technological university, located in Delft, Netherlands. It counts as one of the best universities for engineering and technology worldwide, typically seen within the top 20. It is repeatedly considered the best university of technology in the Netherlands. The Faculty of Electrical Engineering, Mathematics and Computer Science, the largest in The Netherlands, has over 3000 students between several bachelor, master and PhD programs.

The THz Sensing Group is located in the microelectronics department of the faculty of EEMCS. This group develops cutting-edge technology for active and passive THz imaging systems in the area of space and security applications, as well as millimeter wave technology for wireless communications.

If the proposal for hosting the conference in The Netherlands is approved by the society board, The THz Sensing Group, with about 30 members including students, and supported by the event organization of the university, will lead the organization of the conference together with a Local Organizing Committee with experts from many of the conference topic areas. The Faculty of Electrical Engineering, Mathematics and Computer Science will also support the organization of the conference financially by making available an amount of 30keuro for the conference budget.

I am looking forward for a successful conference.

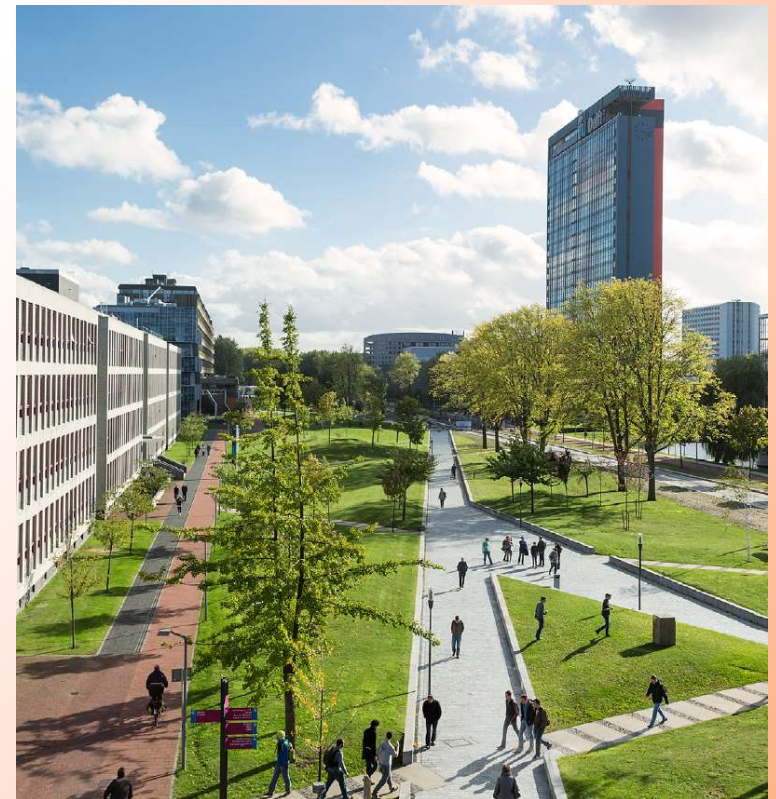
Best Regards,



Prof. dr. John Schmitz

Dean of the faculty of Electrical Engineering, Mathematics and Computer Science

Technical University Delft



HOST INFORMATION

ORGANIZATIONAL SUPPORT



EVENTS SOLUTIONS DEPARTMENT TU DELFT

The Event Solutions Department of the TU Delft is the corporate PCO (Professional Conference Organiser) of the university. The team consists of 7 highly experienced event managers with an extensive track record of successful organized international conferences.

A dedicated team will work closely with the Local Organizing committee and will manage the key aspects of the conference:

- Project Management
- Scientific Programme Management & Abstract handling
- Delegate & Speaker Management
- Financial Management
- Marketing & promotion
- Venue & Onsite Management
- Networking & Social Events
- Sponsoring & Exhibition Management

For a complete overview of the services Events Solutions can provide, please visit our [online magazine](#).

SUPPORT FROM ROTTERDAM

Services Convention Bureau

Production, co-financing and
subsidies

Site inspection

Top tools, free visual aids and
city information for delegates

Reception at City Hall

Rotterdam Knowledge
Partners-network

Your partner in Rotterdam



ROTTERDAM
PARTNERS