

SIX DAYS

THREE CONFERENCES

THREE FORUMS

ONE EXHIBITION



**EUROPEAN
MICROWAVE WEEK**
PORTE DE VERSAILLES
PARIS, FRANCE
22-27 SEPT. 2024
www.eumweek.com

Waves Connecting Europe

27TH EDITION OF THE EUMW
**CONFERENCE
PROGRAMME**
EUROPE'S PREMIER MICROWAVE,
RF, WIRELESS AND RADAR EVENT

WAVES CONNECTING EUROPE

Register online at: www.eumweek.com



MUSÉE GRÉVIN - GREVIN MUSEUM

Want a face-to-face with Louis XIV, Mozart or Jean Reno? Fan of Kendji Girac? Under the spell of Ryan Gosling or fascinated by the sparkling Katy Perry? Meet all these personalities during a visit full of surprises amid extraordinary thematic settings! The Grévin museum, a unique and unmissable place in Paris, invites you to pose alongside more than 200 people who have made or are making history, from yesterday to today! Enjoy a fantastic experience, with family or friends and leave with your souvenir photo album that will be unlike any other!

→ [visit Website](#)

If you would like more details and costs of the attractions or tours that are not linked directly, please contact Sally Garland at sally@connexhotelsand-events.com.

Social Events

Welcome Reception

Date: Tuesday 24th September
Duration: 19:00 until 21:00

Location: Paris expo Porte de Versailles, Hall 7.3, 1 place de la Porte de Versailles 75015 Paris
Cost: Free to conference delegates & invited exhibitors.

All registered conference delegates, as well as invited representatives from companies participating in the exhibition are invited to the EuMW2024 Welcome Reception, sponsored by Keysight Technologies, Horizon House Publications and EuMA. Delegates will need to bring their badge and exhibitors their invite along with them to gain entrance. The evening will begin with drinks at 18:30 followed by the General Chairs' handover from EuMW2024, Paris, to EuMW2025, Utrecht, as well as an address from the Platinum Sponsor, Keysight Technologies. The open-buffet dinner will be served from 19:00

EuMIC 'Get-Together' Dinner

Date: Monday 23rd September
Duration: from 18:30 until 20:30

Location: Paris expo Porte de Versailles Hall 7.3, 1 place de la Porte de Versailles 75015 Paris

Cost: Free to EuMIC delegates

Following the tradition of the European Microwave Integrated Circuits Conference, delegates are invited to enjoy an informal "finger food". The EuMIC 'Get-Together' is a perfect occasion to spend good time with colleagues and friends, while tasting the excellent French cheese, softs, beer and wine.

EuMW Delegates Lunch [New]

Date: Monday 23rd - Thursday 26th 2024
Duration: 12:00 until 14:00

Location: Paris expo Porte de Versailles, Hall 7.3, 1 place de la Porte de Versailles 75015 Paris

Cost: Free to EuMW delegates, forums, schools, and WS/SC registered attendees.

Enjoy good times and rest with colleagues the conference lunch.

EuRAD Lunch

Date: Friday 27th September 2024
Duration: 12:20 until 13:50

Location: Paris expo Porte de Versailles, Hall 7.3, 1 place de la Porte de Versailles 75015 Paris

Cost: Free to EuRAD delegates and Friday WS/SC delegates.

This seated lunch is traditionally closing the EuRAD conference on the last day of the EuMW.

Automotive Forum Networking Dinner

Date: Monday 23rd September
Duration: 19:30 until 22:30

Location off-site: Quai Ouest restaurant, 1200 Quai Marcel Dassault, 92210 Saint-Cloud

Cost: Free to Automotive Forum registered delegates.

Enjoy a wonderful dinner close to the Seine River, with colleagues & friends.

Bus service will start from Convention Center.

EuMW Gala Dinner on the Seine River on famous 'Paris Bateaux-Mouches'

Date: Wednesday 25th 2024
Duration: 19:45 until 23:00

Location off-site: Bateaux-Mouches, Reservations during the EuMW registration process

Limited seats available, first arrived, first served. Tickets distributed at delegate bag collect point located on registration desks.

Sponsor: Rohde & Schwarz

Young Professionals Get-Together

Date: Sunday 22nd September 2024
Duration: 18:30 - 23:00

Location off-site: Cité internationale universitaire de Paris, Collège Franco-Britannique - Club, 17 boulevard Jourdan, 75014 Paris

Cost: Free for young professionals and student school participants

Sponsors: IEEE MTT-S YP committee, IEEE YP, AP-S, EuMA

Tickets required. These will be distributed during the registration on Sunday, 09:00 - 16:00

Please note that only a limited number of tickets are available.

Young Professionals' Career Event Networking - Meet the industrial talent acquisition teams of RF companies and find your future job!

Date: Wednesday 25th September 2024
Duration: 12:00 - 15:00

Location: Paris expo Porte de Versailles, Hall 7.3, 1 place de la Porte de Versailles 75015 Paris

Cost: Free for microwave students and young professionals

Students, are you searching for your job? Come and meet your future employer!

Sponsors: IEEE MTT-S YP Committee, IEEE MTT-S D&I Committee

Companies: Alice & Bob, ESA, Greenerwave, IAF, Incize, Keysight, Qorvo, SOITEC, UMS, VEGA, Virginia Diodes (list established at the time of book production, maybe updated later on)

Tickets for the Career-party to be collected during this event! First come, first served!

Please note that only a limited number of tickets are available.

Career Party - For Young Professionals and Participating companies

Date: Wednesday 25th September 2024
Duration: 19:00 - 00:00

Location off-site: Chalet du Lac, avenue Anna Politovskaïa, 75012 Paris

Cost: Free for microwave students and young professionals that got a ticket from the Career-event.

Students, come party with representatives of leading RF companies. Expect a free buffet, drinks offered, DJ and the chance to meet your future employer.

Tickets required. These will be distributed during the Student Career Event at the exhibition entrance on Wednesday, 12:00 - 15:00.

Please note that only a limited number of tickets are available.

Transport: Tramway T3a (running until 1am) links the Porte de Versailles stop directly to the Alexandra David-Néel stop.

Sponsors: IEEE MTT-S YP Committee, IEEE MTT-S D&I Committee

Companies: Alice & Bob, ESA, Forvia Hella, Greenerwave, Hensoldt, IAF, IHP, Incize, Keysight, Qorvo, Rohde & Schwarz, SOITEC, STMicroelectronics, UMS, VEGA, Virginia Diodes



EuMW2024 Student Activities. Student Career Event Student Career Event & Party

Wednesday 25th September
Room: xxx

Chair: xxx

The Student Career Event is a major social event of EuMW. After its success in Berlin at the 2023 edition of EuMW, it is organized for the 2nd time in Paris! Registered student delegates and young professionals can meet prospective employers and party together in an emblematic Paris venue for nightclubbing, hidden away in the lush greenery of the Bois de Vincennes. On September 25th, students and major companies in the high-frequency business can

connect between 12:00 and 15:00 at the Student Career Event located nearby the exhibition entrance. Students, take the chance to meet your potential future employer, grow your network and get a free ticket for the party in the evening!
Join us at the Career Party starting at 19:00 in the Chalet du Lac (avenue Anna Politovskaia, 75012 Paris). Enjoy delicious French cuisine in a buffet setting, grab a beer or a glass of wine, and get to know companies from a completely

new angle. Party program: Short company presentations, company speed-dating, and more. As the night progresses, what starts as an informal career event will shift into a Paris party. A ticket from the afternoon event is required.



Young Professionals in Microwaves

Following previous year's initiative, EuMW 2024 has arranged a Young Professionals track devoted to students, young researchers and young industry professionals. The track comprises of opportunities to meet Young professionals and women from the microwave community, and therefore to develop your European and global network in the microwave field. It is also the opportunity to meet prestigious companies or very innovative small companies to facilitate your integration professional. The sessions are organised and co-sponsored by IEEE Region 8 Young Professionals, IEEE MTT-Society Young Professionals, IEEE Women in Microwaves, AP-S and EuMA.

We are looking forward to seeing you at one or more of our events.

For additional questions, please contact Ana Inês Inácio via vp@ieee8.org.

Young Professionals Get-Together

Sunday 22nd September 2024
18:30 - 23:00

We welcome you to an evening dinner together with your fellow student colleagues, young professionals and industry participants.

Cost: Free for young professionals and schools' participants

(Tickets required. These will be distributed at the registration on Sunday 9:00 - 16:00. Please note that only a limited number of tickets are available.)

WIM-Event

Tuesday 24th September 2024

12:20 - 13:30: WIM Lunch
13:30 - 15:00: WIM panel session
15:00 - 18:00: Visit to a Museum

The main event is a 90-minute moderated panel session on the topic: "Women in Academia: A European Tour of Boosters and Breaks". The guest speakers represent each host country of the EuMW conference. They will share insights into their academic careers and provide advice to those interested in pursuing a career in academia or in industry. A visit to a museum rounds off the afternoon.

Career Event & Party

Wednesday 25th September 2024

Come and look around what microwave industry has to offer. The student Career Event is a great social and human resources event!

Registered microwave students can meet prospective employers and party together in one of Paris's famous night clubs!

Cost: Free for microwave students and Young Professionals

(Tickets required. These will be distributed during the Student Career Event at the exhibition entrance on Wednesday, 12:00 - 15:00.

Please note that only a limited number of tickets are available.)



Student Career Party

Wednesday 25th September
19:00 - 00:00

Cost: Free for microwave students and young professionals

(Tickets required. These will be distributed during the Student Career Event at the entrance of the exhibition on Wednesday, 12:00 - 15:00. Please note that only a limited number of tickets are available.)

Location off-site: Chalet du Lac, avenue Anna Politovskaia, 75012 Paris

Transport: Tramway T3a (running until 01:00) links the Porte de Versailles stop directly to the Alexandra David-Néel stop.

Students, come party with representatives of leading RF companies. Expect a free buffet, drinks offered, DJ and the chance to meet your future employer.



The Defence, Security and Space Forum

How Future Defence Strategies are Driving Technological Advancements from Devices to Systems



Wednesday 25th September 2024
Room: TBD

Organizers: Prof. Jean-Guy Tartarin, LAAS Toulouse, Yves Mancuso, RF & Radar Expert, Pat Hindle, Microwave Journal

RF technologies have a significant impact on society and are developed for a more secure world by strengthening the different domains of communication, navigation and positioning, surveillance and reconnaissance, space operations and cybersecurity. Along the same lines, we must also consider the domain of electronic warfare. These new systems and standards rely heavily on the development of emerging technologies, such as cognitive radio and

software-defined networks. They provide increased flexibility, efficiency and security in military communications and networks, enabling adaptive and resilient defence systems. Space communication, navigation and surveillance, supporting satellite networks for civil and military applications, including remote sensing and global positioning, require ever-increasing technological capabilities in performance, power consumption and integration.

Based on this, the developed RF sensors and systems are essential for surveillance and reconnaissance activities, as they provide real-time intelligence on enemy movements, threats and potential targets. One of the most critical aspects for RF technologies concerns Electronic Warfare, including jamming enemy communications, intercepting signals, and detecting and countering hostile radar and missile systems. Thus, even regarding

cybersecurity, RF wireless communication channels are vulnerable to interception and hacking: ensuring the security of RF communications is essential for safeguarding sensitive military information and preventing unauthorized access. Finally, reliable communication between military personnel, vehicles and command centres, facilitating coordination and decision-making in defence operations, are also crucial aspects for which RF technologies

play a crucial role. Radio frequency-based navigation systems, such as GPS or Galileo, are essential for guiding military assets with precision, ensuring accurate targeting, navigation and situational awareness in various operational environments. All these points will be addressed through a set of conferences sessions given by experts in the field, covering a structure ranging from military needs, systems development and

instrumentation, and devices technology. The round table will be the highlight of this day and will allow listeners to interact with the different speakers of this Forum 2024 on Defence, Security and Space.

Programme

09:00 EuRAD Opening Session
10:40

10:40 Coffee break
11:20

DEFENCE STRATEGY IN EUROPE AND BEYOND

11:20 **Defence: Assessments and Considerations**
12:00 General Jérôme BORDELLÈS, Ministry of Defence, France

12:00 Lunch
13:00

DEVICES TECHNOLOGY

13:00 **New Semiconductor Technologies for Future Integrated Defence and Space Applications**
13:25 Hervé BLANCK, UMS

13:30 **Advanced Architectures and Semiconductor Technologies for Space Applications.**
13:50 Maurizio CICOLANI, IntegraTechnologies

13:55 **Future Defence Systems-Advanced Interconnect & 2.5/3D Packaging Integration**
14:15 Dean WHITE, QORVO

SYSTEM DEVELOPMENT AND INSTRUMENTATION

14:00 **Electronic Warfare, from MMIC to Products**
14:45 Christophe GAQUIERE, MC2

14:50 **Management of the Drivers for Airborne AESAs Future Integration**
15:20 Daniel CABAN-CHASTAS, THALES DMS

15:25 **Defence Systems**
15:45 Guy KOUEMOU or Ralf RIEGER, HENSOLDT

15:50 **EW Environmental Generation Overview**
16:10 Tim FOUNTAIN, Rohde & Schwarz

16:10 Coffee break
16:40

16:40 **DSS Round Table**
17:40 Definition of future systems: Trends and strategies (Top-Down or Bottom-up visions)

Moderators:
Prof. Jean-Guy Tartarin, LAAS Toulouse,
Yves Mancuso, RF & Radar Expert,
Pat Hindle, Microwave Journal
Deni Alves Neto, UGA PhD student at TIMA lab

