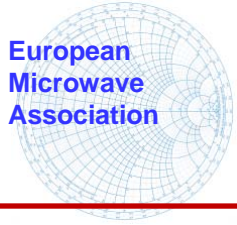


1

EuMA General Assembly

Rome, 27 September 2009

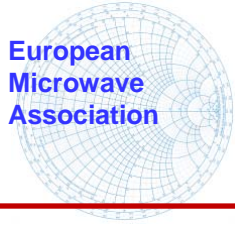
EuMA President Report



2

Welcome to new GA Members

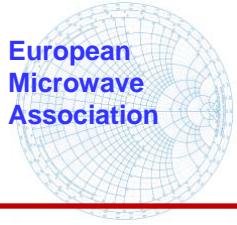
- Willem Hol, Group 5
- Vesna Crnojevic-Bengin, Group 11
- Hadia El Hennawy, Group 17
- Gilles Dambrines, EuMW 2010 GC



3

Thanks to GA retiring members ^{1/2}

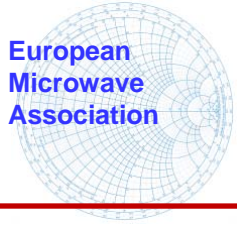
- Heinrich Daembkes (BoD)
- Frank van den Bogaart (EuMW08)
- Robert Plana (Group 1)
- Thomas Brazil (Group 4)
- Spartak Gevorgian (Group 6)



4

Thanks to GA retiring members 2/2

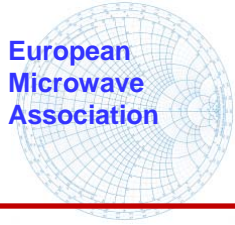
- Viktor Krozer (Group 7)
- Andrzej Kucharski (Group 9)
- Dmitry Vavriv (Group 10)
- Gottfried Magerl (Group 13)
- Victor Fouad Hanna (IEEE Region 8)



5

“New” BoD Members (2010-2012)

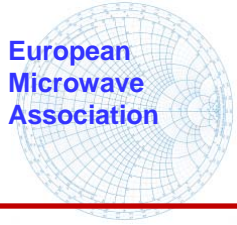
- André VanderVorst (Belgium)
- Alessandro Galli (Italy)
-(Industrial representative: ballot to take place in the next weeks by email))



6

Outline

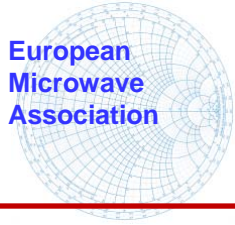
- A brief history of EuMA
- EuMA structure
- Standing Committees
 - *Executive Committee*
 - *Long range planning*
 - *Industrial Liaison*
 - *Finance*
 - *Awards*
 - *Publications*
- Membership
- The EuMW
- Recent Initiatives
- Future perspectives



7

A brief history of EuMA ^{1/5}

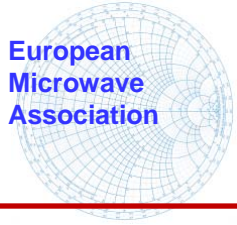
- EuMC born in 1969 (Savoy Place, London)
- 1974-1992: EuMC organized by MEPL (Roger Marriott). Technical exhibition every 2nd year
- 1993-1996: Decline of EuMC and its exhibition.



8

A brief history of EuMA 2/5

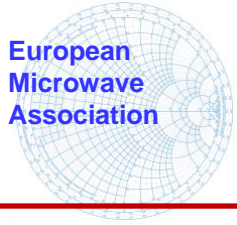
- **1996. Task force** (VanderVorst, Raisanen, Madjar, Landstorfer) created to revitalize EuMC
 - **Steering Committee** elected to run EuMC. (Lighthart, Madjar, Meinel, Nightingale and Sorrentino; Jansen, then Vandervorst, appointed by MTT)
- **1998. Foundation of European Microwave® Association**
 - **First EuMW** in Amsterdam: EuMC+ GAAS and ECWT (50% MTT)+ Exhibition



A brief history of EuMA ^{3/5}

- **2004: Towards a renewed EuMA**

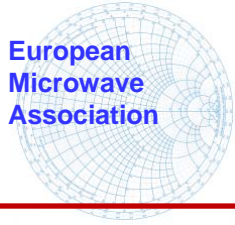
- Enlarged GA: 14 Groups of countries, 30 total members
- General EuMA Membership
- E-Newsletter: 3-4 issues per year
- DVD Archive (1969-2003): 35 years of Eu Microwaves (now available through IEEE Xplore)
- Proceedings of the European Microwave Association (to become Int. J. of Microwave & RF)
- EuRAD added to EuMW



10

A brief history of EuMA ^{3/4}

- **2006:** New agreement with GAAS Association: GAAS evolved into EuMIC
 - EuMW Steering committee to run the EuMW in a coordinated manner (previous StCs have been dissolved)
 - BoD enlarged to 7 members
- **2007:** BoD enlarged to 8 members (1 from industry)

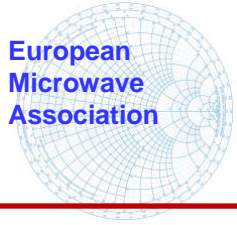


A brief history of EuMA 5/5

2009: Strengthened relations with industry: 2 industry observers in the BoD

- Strengthened relations with MTT:
 - EML Program
 - Exchange of observers: W. Heinrich (to MTT AdCom) and R. Snyder (to EuMA BoD)
- New GA member: Group 17 (Africa and Middle East)
- Int. Journal of Microwaves and RF started publications

EuMA Structure

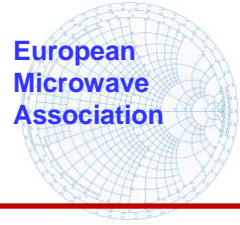


13

General Assembly

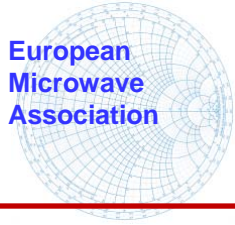
- Sovereign power
- Period of office: 3 years
- Duties: general policy, election of BoD, approval of BoD's report, including accounts & budget.
- Meets:
 - during EuMW (Oct)
 - TPC meeting (April)

EuMA GA Constitution	34 seats
Board of Directors 8 members elected by the GA President elected by the BoD among its members	H. Daembkes, W. Heinrich, R. Quéré, A. Räisänen, R. Ranson, R. Sorrentino, A. Vander Vorst, A. Yarovoy
Founder Members members in another capacity	L. Ligthart, A. Madjar, H. Meinel, S. Nightingale R. Sorrentino & A. Vander Vorst
IEEE Region 8	V. Fouad Hanna
EuMW Chairmen past present next	F.L.M. van den Bogaart P. Lampariello G. Dambrine
EuMA International Journal Editor	R. Quéré
17 Representatives of Group of Countries	



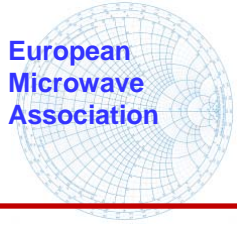
Represented Groups of Countries in the EuMA General Assembly

Group	Countries	members
1	France, Monaco	80
2	Germany	90
3	Italy, San Marino, Vatican City	106
4	United Kingdom, Ireland, Gibraltar, Malta	25
5	Belgium, The Netherlands, Luxembourg	73
6	Iceland, Norway, Sweden,	38
7	Finland, Denmark, Greenland, Faroes	14
8	Bulgaria, Czech Republic, Slovakia, Hungary, Romania	31
9	Poland, Estonia, Latvia, Lithuania	12
10	Ukraine, Moldova, Georgia	97
11	Croatia, Cyprus, Greece, Albania, Slovenia, Serbia and Monten., Bosnia-Herzegovna, Fyr Macedonia, Israel, Turkey	33
12	Russia, Belarus	51
13	Austria, Switzerland, Liechtenstein	8
14	Spain, Portugal, Andorra	19
15	North America	37
16	Asia-Pacific	66
17	Africa and Middle East	82



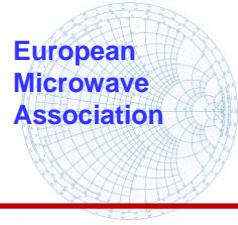
Board of Directors

- BoD is invested with the widest powers to perform any acts of administration and arrangement, which concern the association.
- Shall administrate the association according to the general policy determined by the General Assembly, and shall particularly decide about the schemes related to education, training and research organized by the association; the Board shall also decide about publications.



BoD Constitution

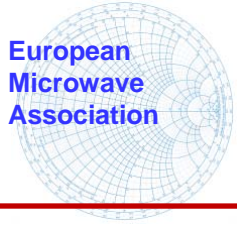
- The Board of Directors consists of eight members elected by the GA:
- 5 members representing France, Germany, UK, Italy and Benelux
- 1 member from Belgium (*Statute*, art.18), as Secretary
- 1 member from any other EuMA country
- 1 member from industry



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EuMA BoD	8 seats
EuMA President	R. Sorrentino
	H. Daembkes
	W. Heinrich
	R. Quéré
	A. Räisänen
	R. Ranson
Secretary - Treasurer	A. Vander Vorst
	A. Yarovoy
2009 Observers	
Industrial	K. Beilenhoff
Industrial	J.L. Cazaux
MTT	R. Snyder

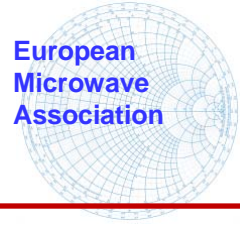
www.eumwa.org



The President

- Is the Chairman of the BoD. He/She also chairs the GA.
- Elected by the BoD for a three year term. He is eligible for re-election, but cannot serve for more than three consecutive terms, except under special circumstances agreed by the General Assembly.
- The President represents the Association.

Standing Committees



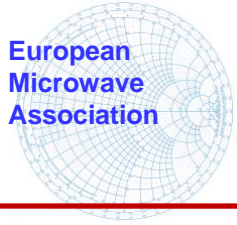
Executive Committee 2009

is established for the daily operation of the Association

EuMA President	R. Sorrentino
President – Elect	W. Heinrich
President's Assistant	E. Fratticcioli
Secretary - Treasurer	A. Vander Vorst
Deputy Secretary - Treasurer	D. Vanhoenacker
Honorary Secretary	A.F. Wilson
Headquarters' Assistant	A. Van Nieuwerburgh

LRP (Long Range Planning Committee)

- Consists of the members of the BoD.
- Meets before BoD meetings to discuss long-term issues and plan future activities
- When consensus is reached, issues are brought to the BoD who will take formal decisions



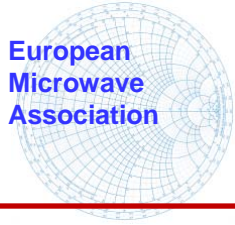
23

Industrial Liaison Committee

- Headed up by the industrial BoD member (H. Daembkes)
- Provides a forum to link the activities of the EuMA to industry
- Consists of senior members of industrial companies
- Enhance mutual interaction and promote the involvement of industrial partners

Finance Committee

- Composed of ≥ 3 members who hold office for 3 years (VanderVorst, A. Räisänen, Yarovoy)
- The Chairman is a member of the EuMA BoD
- FC is a link between the EuMA officers and the BoD for important financial matters:
 - evaluating the EuMA budget
 - evaluating the EuMW budget
 - evaluating the EuMW results,
 - reporting to the BoD on how the EuMA assets are invested



Awards Committee

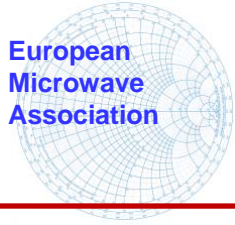
25

- Composed of 5 to 7 members who hold office for 3 years
- The Chairman is a member of the BoD
- Proposes to establish and set the rules for awarding:
 - best paper prizes at EuMA conferences (EuMW and outside)
 - awards to be granted to individuals who have contributed to the EuMA, technology or education in the area of microwaves
- Solicits nominations for the awards (e.g. Distinguished Service Award) from EuMA Members
- Selects the award recipients and proposes them to the BoD

Awards Committee 2009

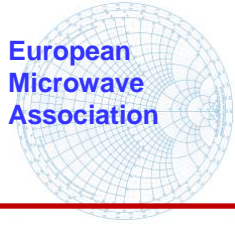
26

- A. Raisanen (Chair)
- K. Beilenhoff
- A. Madjar
- J. Modelski
- T. Ohira



Distinguished Service Award

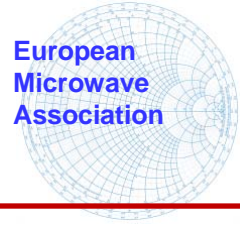
- 2004: Fred Gardiol
- 2005: Peter Clarricoats
- 2006: Tibor Berceli
- 2007: Erik Kollberg
- 2008: L. Ligthart
- 2009: P: Russer



28

Outstanding Career Award

- 2008: H. Hartnagel
- 2009: T. Itoh

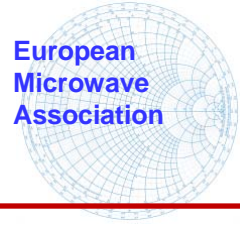


Publications Committee 2009

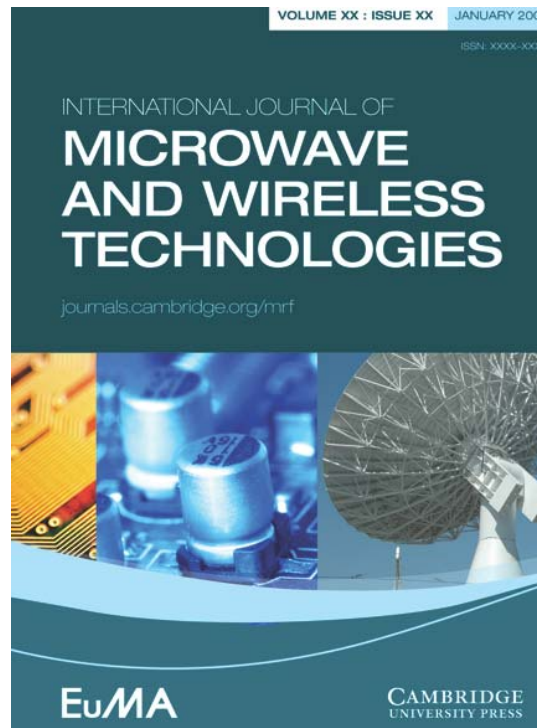
29

Oversees, promotes and disseminate the publications of EuMA

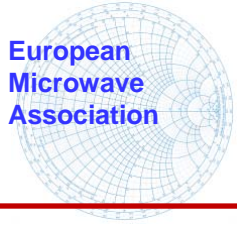
Chair: EuMA President	R. Sorrentino
Vice – Chair (appointed by the BoD)	W. Heinrich
(appointed by the BoD)	P.-A. Rolland
(appointed by the BoD)	P. Russer
Vice- Treasurer (appointed by the BoD)	D. Vanhoenacker
Editor of International Journal	R. Quéré
Editor of the Newsletter	A.F. Wilson
EuMA Treasurer (invited member)	A. Vander Vorst



International Journal of Microwave & Wireless Technologies

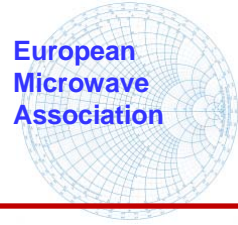


- 6 issues per year
- Published and co-owned by Cambridge University Press
- Editor in Chief: Raymond Quéré
- New Editorial Board (22 members)
- Special Issues devoted to EuMW
- On line free access for EuMA members
<http://journals.cambridge.org/action/displayJournal?jid=MRF>
- 6 issues planned for 2010



EuMA Microwave and Wireless Technologies Book Series

- Contract with CUP
- Peter Russer as Editor
- Advisory Board: Ligthart, Vanhoenacker-Janvier, Quéré, Snowden, Sorrentino, Weigel
- 3 Book proposals received



EuMA Newsletter

- Editor – in – Chief: A. F. Wilson
- 3 issues per year

EuMA NEWSLETTER

Published by the European Microwave Association
Association Européenne de Micro-ondes
1348 Louvain-la-Neuve, Belgium

Issue 4 Number 2 – July 2007

Editor-in-Chief: Andrew F Wilson
Associate Editor: J L B Walker

European Microwave Association
www.eumwa.org

Board of Directors

R Sorrentino – President (Italy)
H Daembkes (Germany)
L P Ligthart (The Netherlands)
A Räisänen (Finland)
P-A Rolland (France)
P Russer (Germany)
C M Snowden (United Kingdom)
A Vander Vorst (Belgium)

EuMW 2007

The 37th European Microwave Week, which starts on 8th October 2007, is only 12 weeks away and will be held in the Munich ICM International Congress Centre. Munich is blessed with a superb public transport system (see www.mvv-muenchen.de/en/ for further information) and its airport serves most international destinations so transport to and within Munich should be very easy. www.munich-airport.de provides full details of flight connections to Munich. If using Munich's public transport system then you must get your ticket stamped in the machine before you board the train in order to validate your ticket.

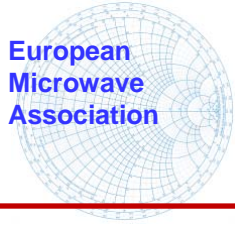
While transport should be easy, accommodation may be hard to find, particularly at the beginning of the week, since the world-famous Oktoberfest immediately precedes EuMW and so many revellers may want to stay over a few days after it ends to sample the other delights of Munich. Thus attendees are strongly urged to book their accommodation NOW using the on-line reservation facility at www.resotel.com/eumw2007. However, the timing of these two events does provide an ideal opportunity for delegates to enjoy the Oktoberfest as well as attend EuMW, in fact the first social event of the week is a visit to the Oktoberfest on Sunday 7th October 2007 starting at 5pm. Tickets for this cost €50 and have to be booked in advance at www.gerotron.com.

As in previous years, the European Microwave Week comprises four separate but collocated and overlapping conferences, namely the European Microwave Conference, The European Conference on Wireless Technology, the European Radar Conference, and the European Microwave Integrated Circuits Conference. The full conference program is now available and can be found at www.eumweek.com while on-line advance registration can be made at www.eumwregistration.com. Please note that advance registration closes on 10th September 2007 and that fees for on-site registration will be 30% higher.

To date 197 companies have booked exhibition space. Exhibition space can still be booked from as little as €445 per square metre excluding VAT via the web at www.eumweek.com/Application.asp.

The traditional Welcome Reception, sponsored by Agilent Technologies, EuMA and Horizon House Publications, will be held on Tuesday, 9th October 2007 between 6 and 9 pm in the ICM. All delegates to EuMW and exhibitors are invited to attend this event. There will also be a Bavarian State Government Reception on Wednesday, 10th October 2007 starting at 7 pm in the Residenz München.

Finally, there is a partner's programme but, unlike last year, tickets for these events must be booked directly with the event organisers at www.gerotron.com. The first event is a trip on Wednesday, 10th October 2007 to the 11th century Harburg castle followed by a visit to the medieval town of Rothenburg. This is a full-day event costing around €10-15 per person. The second event is on the next day and is a trip to the fairytale castles of Neuschwanstein (see the photographs below) and Linderhof. Again, this a full day event, also costing around €10-15 per person.

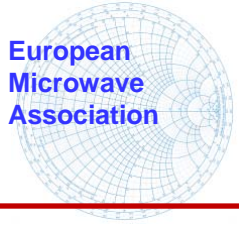


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EuMC DVD Archive

- DVD 1969-2003
- New DVD
2004-2008





EuMA Membership

The EuMA web site

EuMA European Microwave Association



Run by Annemie Van Nieuwerburgh

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EuMA
European Microwave Association

[EuMA](#) [European Microwave Week](#) [Prizes and Awards](#) [Conferences](#) [Publications](#)

>>

[Home >>](#)

Become a member

3 Reasons to be a MEMBER

- Paying discounted fees
- EuMW
- Archival DVD
- EuMA Journal
- EuMA sponsored Conferences

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[European Microwave Lecturers](#)
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[FREE e-access to new Journal for EuMA members !!!](#)
2009-01-19



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What is EuMA?

The European Microwave Association (EuMA[®]) is an international non-profit association with a scientific, educational technical purpose. The aim of the Association is to develop in an interdisciplinary way, education, training and research activities, including:

Promoting European microwaves

Providing a single voice for European microwave scientists and engineers in Europe

Networking and uniting microwave scientists and engineers in Europe

Promoting public awareness and appreciation of microwaves

Future events

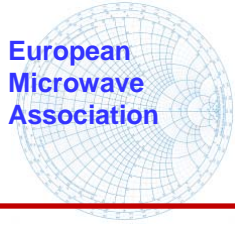
[12th EuMW2009](#)
2009-09-28
Rome, Italy

[13th EuMW2010](#)
2010-09-27
Paris, France

[14th EuMW2011](#)
2011-10-09
Manchester, UK

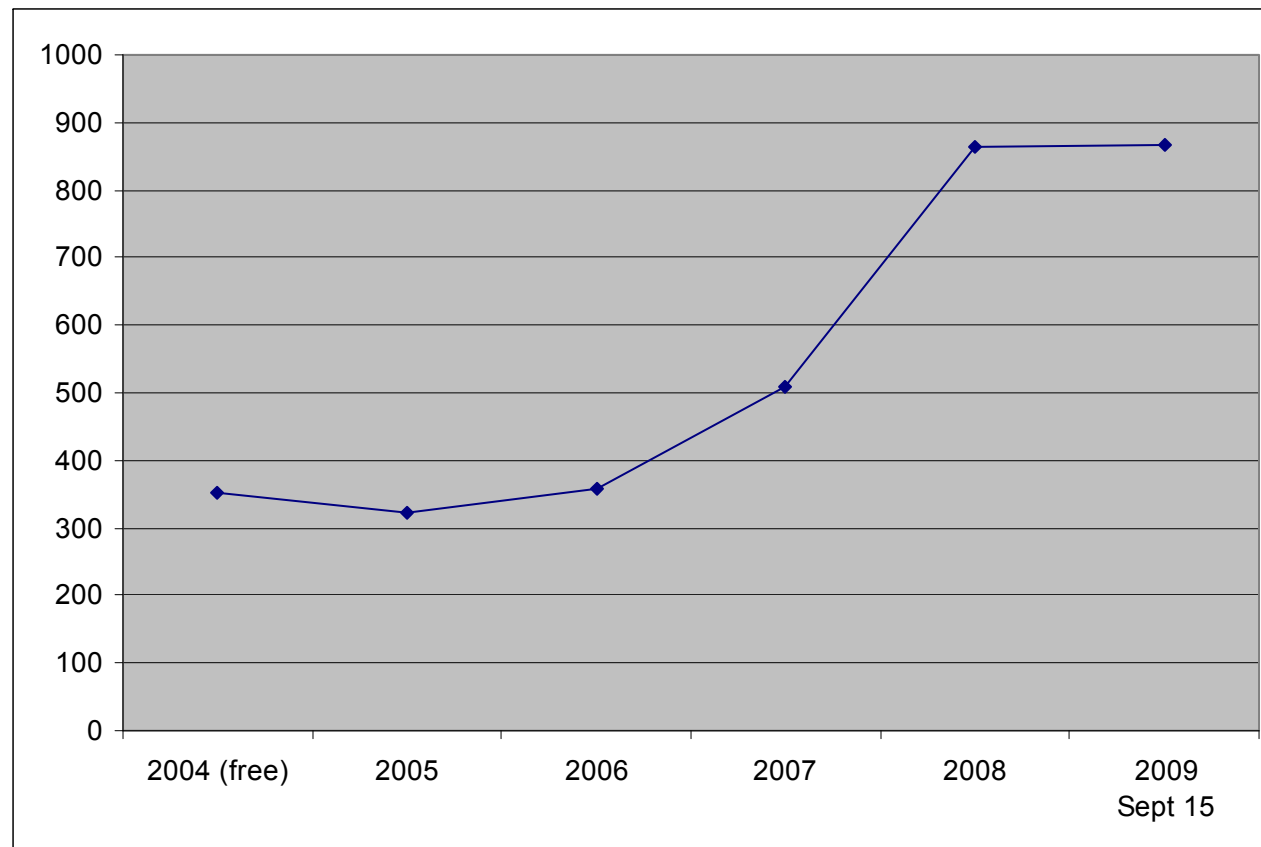
[More >>](#)

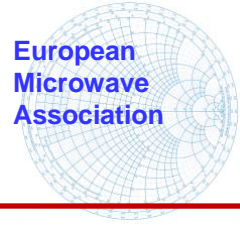
EuMA General Assembly



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Cumulative Membership

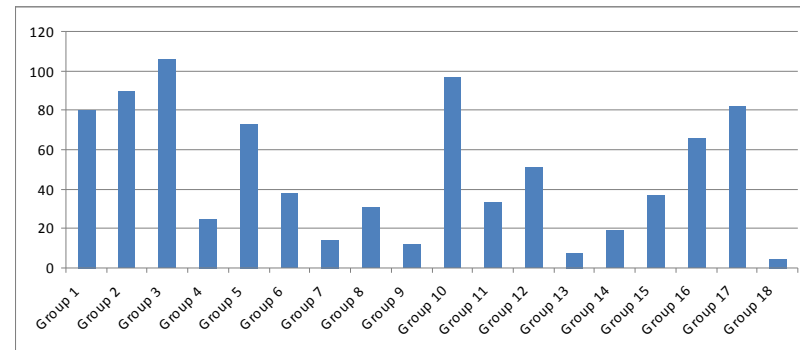
www.eumwa.org

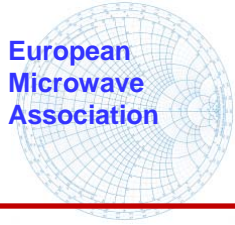


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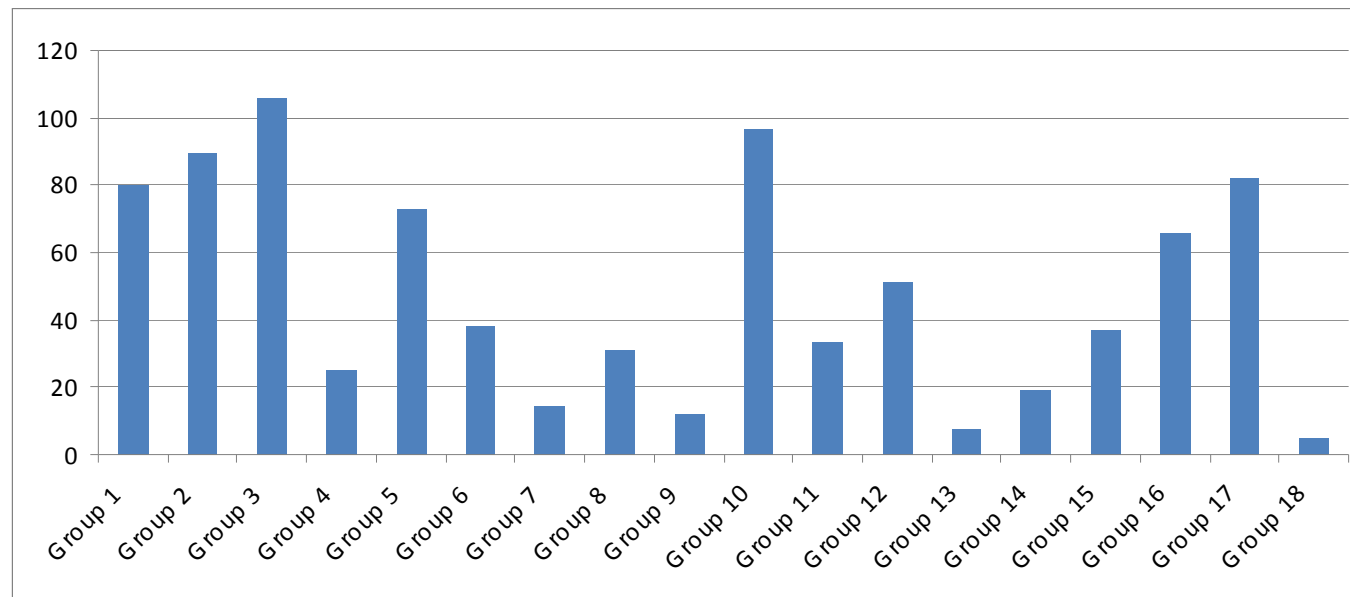
EuMA Members

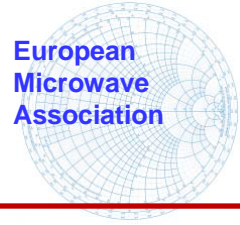
- 1 France, Monaco
- 2 Germany
- 3 Italy, San Marino, Vatican City
- 4 United Kingdom, Ireland, Gibraltar, Malta
- 5 Belgium, The Netherlands, Luxembourg
- 6 Iceland, Norway, Sweden,
- 7 Finland, Denmark, Greenland, Faroes
- 8 Bulgaria, Czech Republic, Slovakia, Hungary, Romania
- 9 Poland, Estonia, Latvia, Lithuania
- 10 Ukraine, Moldova, Georgia
- 11 Croatia, Cyprus, Greece, Albania, Slovenia, Serbia and Monten., Bosnia-Herzegovna, Fyr Macedonia, Israel, Turkey
- 12 Russia, Belarus
- 13 Austria, Switzerland, Liechtenstein
- 14 Spain, Portugal, Andorra
- 15 North America
- 16 Asia-Pacific
- 17 Africa and Middle East
- 18 South America





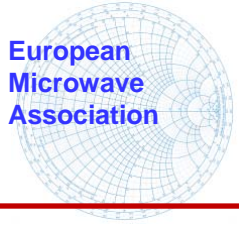
EuMA Members



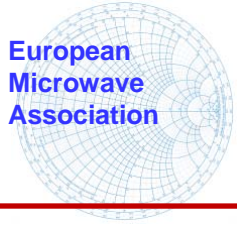


Complimentary Membership and Promotion

- Promotion in low-income countries (15 NIS-countries + Algeria, Egypt, Jordan, Lebanon, Libya, Mauritania, Morocco, Syria and Tunisia)
- Free 3-year membership
- Grants to attend EuMW
- Best paper prizes at EuMA sponsored national conferences (COMITE, UWBUSIS, MRRS, Microcoll, MMS...)



EuMW Highlights



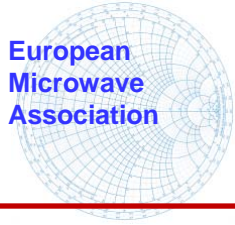
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The EuMW

- Largest microwave event in Europe:
 - 4 Conferences: ~1500 registrations
 - 1280 papers submitted from 51 countries (2009)
 - 541 oral presentations, 264 posters (2009)
 - Exhibition 7500 m², 300 exhibitors
 - 4000 visitors

EuMW Conferences

- **EuMC** European Microwave Conference (started 1969)
- **EuMIC** (European MIC Conference) formerly GAAS, (60% EuMA, 40% GAAS Association)
- **EuWiT** European Wireless Technologies Conference (formerly ECWT, started in 1998)
- **EuRAD** European Radar Conference (started 2004)

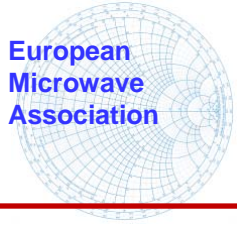


43 **EuMW 1998: Papers...**

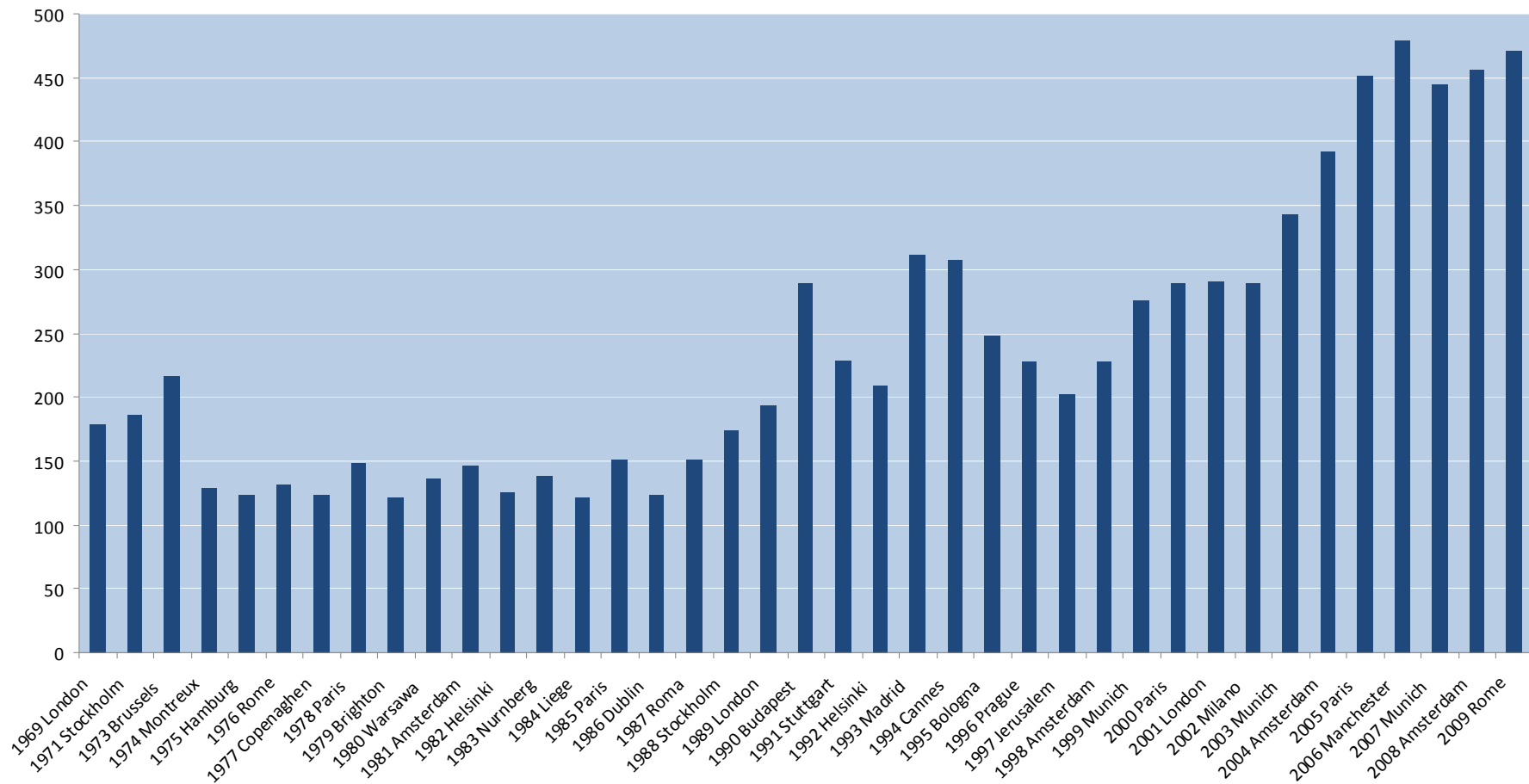
conference	regular	focused	posters	joint ¹	industrial	invited	total	workshop	total
GAAS98	49	27	29	15	7	4	131	7	138
Wireless98	40	14		11		3	68		68
28th EuMC	108	31	101	26	13	10	289	55	344
total EuMW98	197	72	130	52	20	17	488	62	550

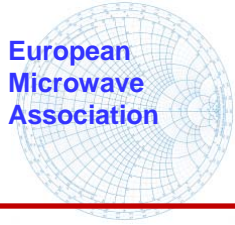
...and attendance

	28th EuMC	GAAS98	Wireless	total
delegates	660	319	223	1202
workshops	282			282
total	942	319	223	1484



No. of papers presented at the EuMC





Papers and attendance to EuMC (1998-2009)

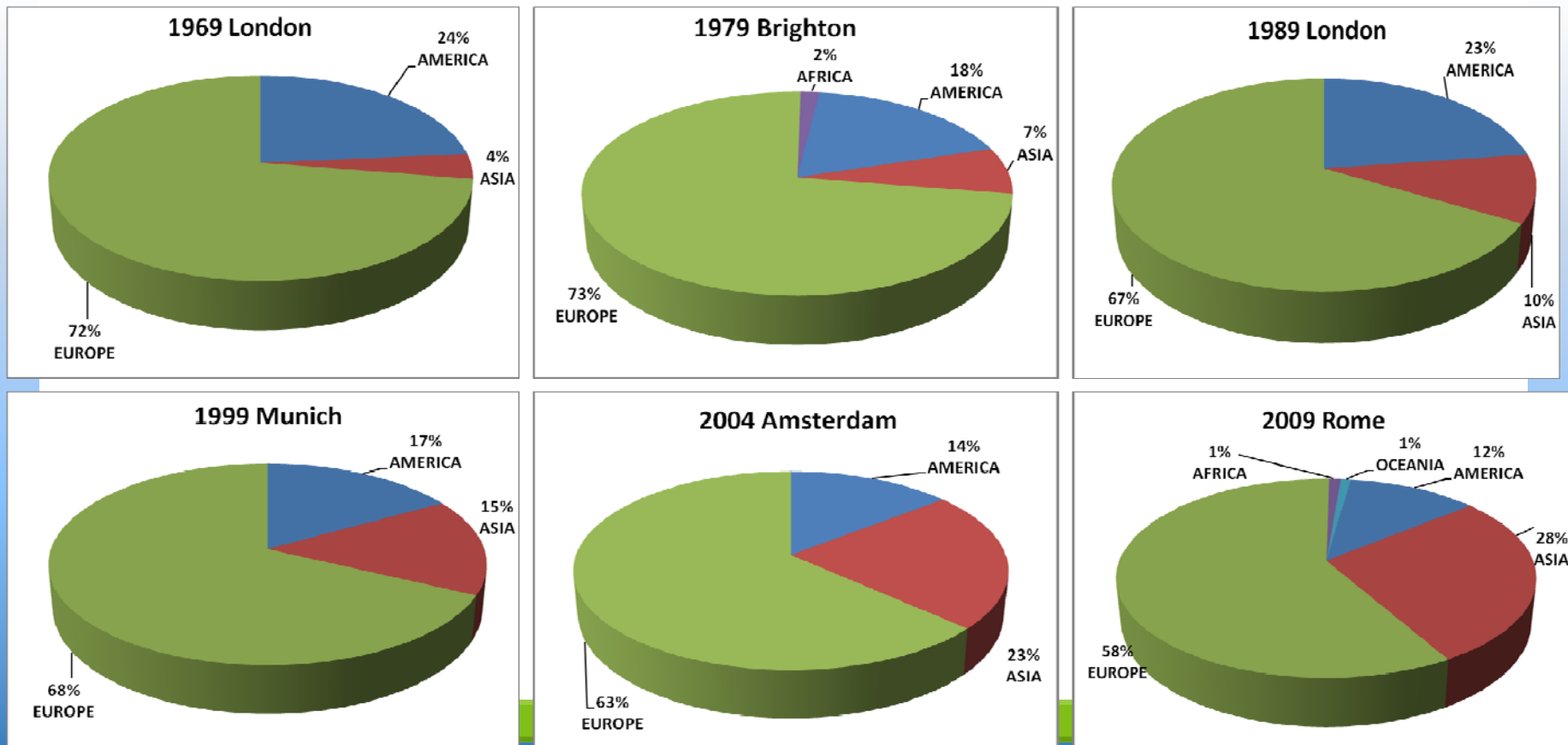
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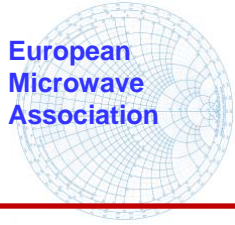


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Geographical distribution of papers

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EuMW Guidelines

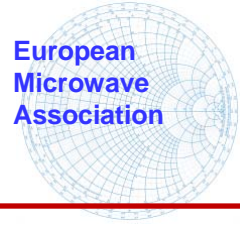
- 17th version available at www.eumwa.org

GUIDELINES
For the European Microwave Week

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European Microwave Week Guidelines

16th(rev2) Edition, April 08



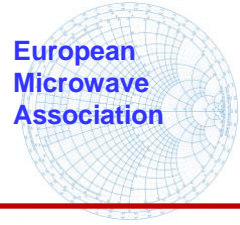
EuMW Best Paper Prizes

Prize	Amount
EuMC Microwave Prize	5.000 €
EuMC Young Engineers Prizes	2.000 € + 2.000 € Funded by EADS
ECWT Prize	3.000 €
ECWT Young Engineers Prize	2.000 €
EuRAD Prize	3.000 € Funded by Raytheon
EuRAD Young Engineers Prize	2.000 € Funded by Raytheon
EuMIC	3.000 €
EuMIC Young Engineers Prize	2.000 €



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- Reduced fees for students and senior persons
- Grants:
 - 30 Student Grants
 - 30 Grants for NIS, Africa & Middle East delegates
 - 2.5 K€ + 2.5 K€ dispensed by EuMA President and EuMW GC



EuMW Steering Committee

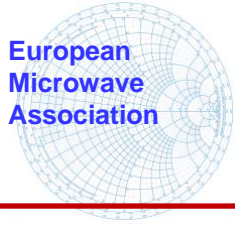
9 Members	12 Invitees
EuMA President	GAAS Treasurer
3 EuMC	1 representing MTT
2 EuMIC	4 EuMW Chairs
2 EuWiT	4 Conference Chair past, present, 2 incoming
1 EuRAD	EuMW Treasurer

EuMW StC Responsibilities

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- Upon proposal of the General Chair, appoints:
 - the 4 Conference Chairs
 - the 4 TPC Chairs
 - the Conference committees
- Oversees conference programs
- Publicizes and promotes the Conferences
- Awards Conference Prizes (align with the TPCs)

Legal responsibility of EuMW as a whole resides on EuMA.

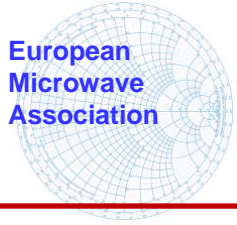


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EuMA Membership Desk (conference area)

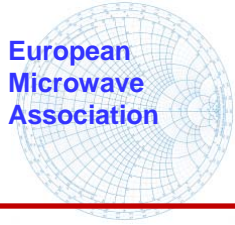
- EuMA membership subscription
- International Journal subscription
- 1969-2003 DVD
- 2004-2008 DVD
- Free copies of the *EuMA Journals*

Recent Initiatives



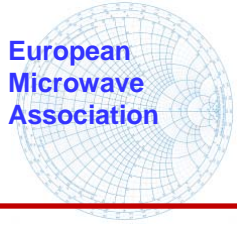
Relations with other Societies

- Agreement with GAAS Association for EuMIC (European MIC Conference)
- Agreements with IEEE-MTT-S:
 - European Microwave Lecturers
 - Publications, IEEE Xplore
 - Exchange of observers



European Microwave Lecturers

- An EuMA initiative agreed with MTT
 - A European extension of the Speakers Bureau, listed on EuMA and MTT websites
- EuMA nominating committee (Chair: **R. Ranson**) in conjunction with MTT-S TC Chair, nominate, review and approve speakers
- Travel expenses within Europe paid by EuMA
 - Reimbursement requires paper receipts from the speaker
- Local arrangements made and paid by requesting organisation



Asia Pacific Microwave Conference

- Agreement with APMC:
 - Special EuMC Session on APMC
 - Invited Eu speakers at APMC
 - Reciprocal promotion

News

Microwave Roadmap for Europe

At the EuMW 2008 meeting in Amsterdam, it was decided to start a working group for formulating a European industrial...

- [A new group has been initiated: Microwave Roadmap for Europe. First meeting to be held at OMMIC on 5 February.](#)
- [Download presentations from our meetings \(latest at EuMW 2008 in Amsterdam\).](#)

Events



Microwave for European Growth

EuRaMIG workshop at EuMW 2009, Fiera, Rome

Rome

Monday 28 Sept. 14:00 - 17:50 in Room: Minerva

[+ READ MORE](#)



EuRaMIG at EuMW 2009 Exhibition

EuRaMIG take an active part in the exhibition at European Microwave week. Sept. 29:th to Oct. 1:st 09:30 - 17:30

[+ READ MORE](#)

About EuRaMIG

EuRaMIG is an open organisation for anyone working in the Radio and Microwave technology sector.

EuRaMIG objectives -

- * Expand the network to all involved and/or interested in RF/microwave technologies in Europe
- * Agree upon pan-European R&D agendas within EC-ERA, Eureka, COST and EDA
- * Describe the European RF/microwave eco-system to other communities and non-experts
- * Provide input, in particular research priorities, to EC work program drafts in FP7 and beyond
- * Position RF/microwaves with adjacent European platforms
- * Promote European education in RF/microwaves

[White Paper - The European position on RF/Microwave components and subsystems](#)

Applications



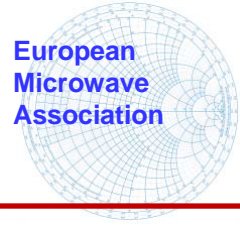
Astronomy and Weather forecast

Microwave and radar systems are important tools for astronomy and weather forecast.

Roadmap

The European Roadmap for strong growth in the Radio and Microwave Industry as well as Research and Development is in an active workprocess. Next result from the will be presented and discussed at EuRaMIG workshop at European Microwave week in Rome Sept 28:th. You are welcome to share and take part!

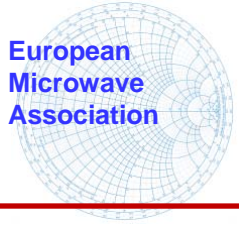
Links



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A personal perspective on EuMA

- Started from scratch in 1998 to run EuMW
- Mission to promote microwaves in Europe
- Very successful EuMW
- Excellent financial situation
- Initiatives expanded into:
 - Permanent structure (Headquarters in Louvain-la-Neuve)
 - General membership
 - Publications
 - Lecturers
 - Collaboration with APMC
 - Promotion in Mediterranean Region, ME



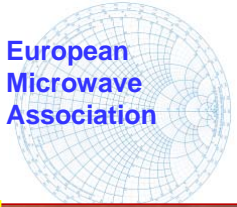
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EuMA CHALLENGES

- Mission still not fully accomplished:
 - Education
 - Research
 -
- Promoting and uniting EE in Europe ?

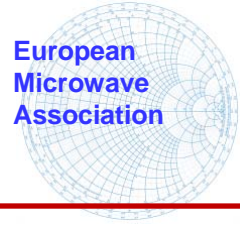
EuMA

European
Microwave
Association



we've been friends

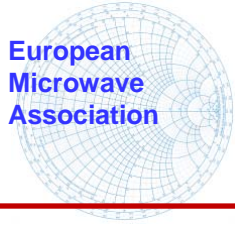




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Farewell words of the President

- Needless to say: it has been tough, it has been rewarding
- *There is an appointed time for everything*
- Time to step down, time for new people to take over

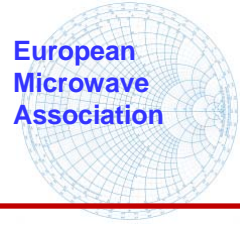


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Best wishes to the
incoming President



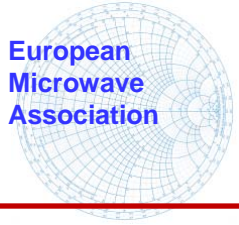
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...and time to thank so many people

- Alex
- Andrew
- Annemie
- Antti
- Asher
- Chris
- Danielle
- Jean-Louis
- Heinrich
- Holger
- Leo
- Paul-Alain
- Peter
- Richard
- Wolfgang

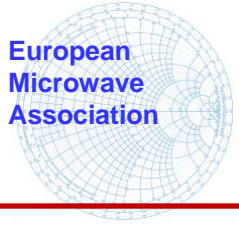


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Especially...

- **Elisa Fratticcioli**

for her patient and efficient aid during many years



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...and

André VanderVorst

For his constant and benign criticism
that prevented me from doing too many foolish
things!

Thanks and good luck to EuMA

