

MTT-S Chapter Representatives of Region 8 meeting in Paris on Sept. 7, 2015

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The annual meeting of the MTT-S Chapter Chairs and other Chapter representatives takes place in conjunction with the European Microwave Week (EuMW), the most prestigious microwave event in Europe. In 2015, EuMW was held in the Paris at the Palais des Congrès, September 6-11. The Chapter Chairs' Meeting (CCM) took place at the Hotel Le Meridien Etoile on Monday September 7, starting at 3 p.m. This friendly meeting brings together Chapter representatives and MTT-S AdCom officers. It provides an opportunity to exchange experience among the chapters, to share best practices, to clarify what the chapter wants the officers to do and what IEEE MTT-S administrators should do, to explain the support given to the chapters by MTT-S, and the conditions under which it is provided. In brief, CCM provides an opportunity to teach Chapter Chairs how to run their Chapters. Representatives of all MTT-S Chapters worldwide were also invited to participate. In addition, Region 8 Chapter Officers from the AP, ED, and EMC societies were invited, as most of the MTT-S Chapters are joined with these societies. The MTT-S Membership and Geographic Activities (MGA) Committee considers this meeting to be one of the most important events organized for the chapters in Region 8.

Region 8 has 50 MTT-S Chapters and Joint Chapters, including seven MTT Student Branch Chapters. Fifty-five participants attended the meeting, and 18 Chapters from Region 8 were represented: Belarus, Central and Southern Italy, Czechoslovakia, France, France SBC Bordeaux, Germany, Israel, Hungary, Poland, Portugal, Portugal SBC Aveiro, Russia Saint Petersburg SBC ITMO, Russia Tomsk, Ukraine East, Ukraine Kiev, Ukraine/Georgia, UKRI Manchester SBC, and UKRI. Additionally, six chapters from other regions were represented.

MTT-S AdCom was represented by President Tim Lee, and by 2015 MTT-S President-Elect Ke Wu. The MTT-S MGA Committee was represented by its Chair, Daniel Pasquet, and by Co-Chairs Shiban Koul, Atsushi Sanada, and Jim Weiler. The IEEE Antennas and Propagation Society (AP-S) was represented by its Past President, Tapan Sarkar.

Jan Macháč, the Region 8 Chapter Coordinator, opened the meeting and welcomed the guests and all participants. Everyone introduced him/herself. The CCM participants were welcomed by MTT-S President Tim Lee and by MTT-S MGA Committee Chair Daniel Pasquet.

Hervé Aubert, the EuMW General Chair, introduced EuMW to the CCM participants. The European Microwave Week is the premier microwave conference event in Europe, comprising three Conferences plus workshops/tutorials: EuMC - European Microwave Conference, EuMIC - European Microwave IC Conference, and EuRAD - European Radar Conference. Hervé presented the basic statistics for the week. Out of 990 submitted papers 554 were accepted, i.e. the acceptance rate was 56%. In addition to the standard sessions, the program of the Week was supplemented by 7 focused sessions, 21 workshops, 8 short courses, and 4 special sessions. The Week offered a Student Challenge, with 17 participants in the competition; a Student Design Competition, with 10 registered teams; a Special Session, organized by Women in Microwaves; a Career Platform, connecting young researchers, engineers and the job market in the field of microwaves; and the 2015 Defence, Security and Space Forum.

Tapan Sarkar, the AP-S Past President, addressed and welcomed the participants in the meeting. Tapan presented the history of the AP Society and IEEE. AP-S focuses on experimental and theoretical advances in antennas, including design and development, and in the propagation of electromagnetic waves. AP-S also covers applications in remote sensing,

applied optics, and millimeter, submillimeter wave and THz techniques, including computational electromagnetics for antenna design, and propagation modeling. We celebrated the 150th anniversary of two significant milestones in electromagnetics: Maxwell wrote his famous equations in 1864. Dr. Mahlon Loomis, wrote the first description of a wireless transmission system, which he demonstrated in 1866 and patented in 1872. This was the world's first patent for wireless telegraphy.

Jim Weiler, as Vice Chair of the IEEE MTT-S Special Interest Group on Humanitarian Technology (SIGHT), talked about this program. Among activities planned for 2015, Jim mentioned the IMaRC Conference, to be held in Hyderabad, India, on December 10-12. There will be a SIGHT Panel session with the following objectives: How to motivate high-school students, young engineers and professionals to work on applying low-cost innovative microwave technology for disaster readiness and for humanitarian needs. These topics include: Proposals of novel ideas and technological solutions for humanitarian needs in our FOI, applications for use by Microwave Engineers in disaster readiness and for humanitarian needs, proposals for low-cost engineering and technology solutions for susceptible communities, new proposals for microwave technologies, and development of microwave technologies, for humanitarian purposes and in keeping with humanitarian principles, applications of affordable RF/microwave and wireless technologies in Earth observation, with a view to societal benefits in agriculture, biodiversity, climate, disasters, ecosystems, energy, health, water and weather; a detailed discussion of programs for humanitarian needs in crises. IMaRC activities will include: the MTT-S SIGHT Booth, the SIGHT Design Competition, and SIGHT HAM Radio Training.

Terry C. Cisco talked about the Microwaves 101 web pages and activities. The goal was: to establish a vibrant online community and an information resource for all involved in microwave (MHz-thru-THz RF) engineering, and to introduce non-members to MTT-S and bring them into our community. The following steps have been taken: Update the website – modernize it, make it mobile-compatible, place it on the MTT-S server, add IEEE MTT-S branding. Expand the scope of the content to include MTT-S meetings, contests, and women in engineering. Reinstate the Discussion Board. Utilize the MTT-S technical community to review, improve, and expand the technical content. Keep the legacy audience coming back - but at the same time attract new readership. Calculators were converted from “cold fusion” software on the original server (awaiting final backup before shutting down) to the MTT-S server. A number of new pages have been added (Envelope tracking tutorial, Multi-Section couplers, Finite Integration Technique, Phase Delay, Maxwell, etc.) Updates to the Microwave College page have been added, and also the Microwaves Event Calendar, a Women in Microwaves page, and the Microwaves Hall of Fame. A Microwave Magazine article has been published. The remaining broken links are being fixed and the content is being edited. The original server has been replaced by an IEEE server. Linkages to TC websites and Xplore will be added. We are contacting survey respondents who volunteered to contribute/review. Finally, Terry presented the web site statistics.

The Women in Microwaves program was then introduced by Alessandra Costanzo. She first introduced the Rome EuMW 2014 Women in Microwaves (WIM) special session: Microwave in Archeology, followed by the Ostia Antica tour. EuMC 2015 Women in Microwaves Event in Paris: a special session with lectures: Microwaves for agro-food, by Sylvie Clerjon INRA France; Wireless systems for agro-food and applications, by Giuseppina Monti, Laura Corchia, Valeria De Paolis – University of Salento, Italy, and Conductive and dielectric fabric wearable antennas, by Alessandra Costanzo – University of Bologna, Italy. This session was followed by an afternoon visit: the French Luxury Craft Tour, aimed at discovering sophisticated and confidential addresses in Paris - stylist, leather craft, perfumer.

Silvio Barbin, MTT-S AdCom member and Region 9 coordinator provided information about activities in Region 9. A delegation of MTT-S officers visited several sites in Mexico during a technical tour organized by Jose Ernesto Rayas in 2014. As a result, membership increased in Mexico, in general. A new Chapter was formed in Guadalajara. The Mexico Council Chapter was transferred to the Mexico Section. New chapters, including student chapters, are being developed. A visit to selected cities in South America, especially Brazil, is planned for this year. We expect to form Chapters in Bahia (MTT), Chile and Ecuador (joint with AP-S and/or EMC-S and ED-S). Silvio mentioned two important conferences in Region 9: IMOC 2015 – International Microwave and Photonic Conference, 3 – 6 November, 2015 in Porto de Galinhas – www.IMOC2015.com. LAMC – Latin America Microwaves Conference is an MTT-S fully-owned conference, which will take place for the first time in Puerto Vallarta Mexico in 2016 <http://lamc-ieee.org>.

Following this introductory section, Mike Golio, MGA Committee Administrator, provided some instruction for Chapter representatives. Mike showed the IEEE structure. The Chapters have to report their meetings via L31 Forms, using V-tools. This is important, as IEEE considers a chapter to be active if it submits at least two L31s on technical meetings. The Chapters have to apply to their Sections for the money that they receive for being recognized as an active Chapter. Mike showed how to apply to the MTT Society for annual support of \$1000 for an MTT-S Chapter, or \$500 for a joint Chapter. A Chapter can additionally get \$500 for organizing a workshop. He explained the conditions for obtaining a travel grant of \$1500 to attend CCM. Mike introduced a new activity, under which Chapters can get up to \$3000 for organizing a workshop. Finally, he introduced the Distinguished Microwaves Lectures and Speakers Bureau programs. He mentioned particular prizes awarded to members, and the MTT Outstanding Chapter Award. Then the floor was given to Daniel Pasquet, MTT-S AdCom Member and MGA Chair. In his presentation, Daniel explained some aspects of the relation between chapters, sections and societies that might not be clear for some members.

The chapter chairs then spoke, moderated by Daniel Pasquet, MTT-S MGA Committee Chair and one of the Region 8 Chapter Coordinators. The Chapter representatives reported on major events, such as conferences, seminars, workshops, and lectures organized by the Chapter in the recent period. Eight Chapters presented reports of their activities on posters, which were available throughout the meeting for participants to read.

The CCM was preceded by the meeting of Region 8 Chapter Ambassadors. It was attended by five Ambassadors: Shmuel Auster, Wojciech J. Krzysztofik, Jan Macháč, Dominique Schreurs, and Felix Yanovsky, together with the MGA Chair, Daniel Pasquet, and MGA Co-Chairs, Shiban Koul, and Jim Weiler, MGA Administrator, Mike Golio, Region 10 Coordinator, Atsushi Sanada, and French MTT-S Chapter Chair, Philippe Descamps. The Ambassadors reported on their activities and shared their experience. Wojciech Krzysztofik reported on his trip to Lithuania and Finland, and Jan Macháč reported on his trip to Serbia and Romania. Ambassador work activities involve getting to know chapter chairs and other officers personally, and working with them. They help chapters in organizing their tasks, and make periodic visits (nominally once in two years) to the chapters. The best way to do this is to organize a DML tour. They also educate chapter officers, train them on organizing meetings, reporting (L31), applying for support and travel grants, inviting a DML, etc.

The CCM was followed by a reception and a dinner at the Hotel Le Meridien Etoile, which brought participants in the CCM and participants in the TCC Meeting together with MTT-S AdCom members and EuMA officers.

Daniel Pasquet is an MTT-S MGA Committee Chair. Jan Macháč is the Region 8 MTT-S Chapter Coordinator

Figures:



Jan Macháč,
Region 8 Coordinator,
opens the Chapter Chair Meeting.



Tim Lee,
MTT-S President
addresses the participants.



Daniel Pasquet,
MGA Committee Chair,
addresses the participants.

Photos by courtesy of Shmuel Auster, Israel MTT/AP Chapter Chair.



The atmosphere in the room. On the left, Philippe Descamps, French MTT-S Chapter Chair.
Photo by courtesy of Shmuel Auster, Israel MTT/AP Chapter Chair.



Tapan Sarkar, AP-S Past President, welcomes CCM participants.



Hervé Aubert, 2014 EuMW General Chair, introduces Microwave Week.



Jim Weiler, MTT AdCom member introduces the SIGHT Program.

Photos by courtesy of Shmuel Auster, Israel MTT/AP Chapter Chair.



Terry Cisco, presents information about Microwave 101



Silvio Barbine, the MTT-S AdCom member, presents Region 9 activities.



Mike Golio, MTT-S Administrator, explains the support given by MTT-S to chapters

Photos by courtesy of Shmuel Auster, Israel MTT/AP Chapter Chair.



Participants in the Ambassadors Meeting, from the left: Atsushi Sanada, Shibana Koul, Wojciech J. Krzysztofik, Jan Macháč, Daniel Pasquet, Jim Weiler, Shmuel Auster, Dominique Schreurs, Felix Yanovsky, Mike Golio.
Photo by courtesy of Shmuel Auster, Israel MTT/AP Chapter Chair.