



AMPERE EUROPE Association

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Dear AMPERE Members,

another year has passed waiting for the 3rd GCMEA-Global Congress on Microwave Energy Applications for the first 6 months of 2016, and then enjoying for the last 6 months the nice memories of this unforgettable event organized by Prof. Juan Monzó-Cabrera and his group in Cartagena, Spain. His superb group had count on Prof. Alejandro Díaz Morcillo, the actual Rector of the Universidad Politécnica de Cartagena, Dr. José Fayos Fernández, Prof. Antonio Martínez González, Prof. Juan Luis Pedreño Molina, Prof. Antonio José Lozano Guerrero plus other five engineers and many students supporting the hard tasks of the Local Organizing Committee.

The magnificent port area of the old town and the excellently restored university building where the conference was held, made us felt the passionate work on RF and MW applications and theory of the hundreds of scientists, technologists and industrialists convened to Cartagena from all over the globe.

Once more our non-profit international Association, AMPERE EUROPE, has confirmed the presence of more active members involved in aspects of high power microwave and radio frequency technology.

The Management Committee (MC) has worked hard to help the Cartagena friends to reach an outstanding level of this meeting aspired by the MAJIC federation every four years. I'd like to acknowledge once more also the efforts of many AMPERE members who contributed to the success of this global event.

The friends in Delft, The Netherlands, have already started to prepare the next AMPERE Meeting, the 16th International Conference on Microwave and High Frequency Heating, which will take place on 18-21 September 2017. Once more, this event will enrich your professional experience with the most updated news on special themes on chemicals and materials process engineering which will be highlighted during this conference, in particular:

- Microwave assisted chemistry and processing
- Process intensification with electromagnetic energy
- Sustainable Chemistry & Biochemistry
- Biomass and waste processing
- Materials processing
- Medical and biological applications
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An updated view on the usual topic of the conference will also be presented by plenary and invited speakers:

- Dielectric properties measurement



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- Microwave and high frequency material interaction
- Industrial applications and scale-up
- Microwave and high frequency supply design
- Modeling of microwave and RF power applications
- Microwave and RF plasma applications

As usual our Association members and MC have been successful in promoting the knowledge and technology of MW and RF heating in national and international conferences and in endorsing workshops and Ph.D. schools. The present year is full of very important events for our small community, trying to reach out to impeduction heating, ultrasonic treatments, plasma and Terahertz Waves technology. AMPERE supports these events with grants for students, so stay tuned on AMPERE website for the Call for students grants.

Please mark in your agenda the following events planned for the 2017:

- 19th Seminar "Computer Modeling in Microwave Power Engineering – Solid State Energy Generation: Modeling Systems and Applications" March 9-10, 2017, Padua, Italy <https://web.wpi.edu/academics/math/CIMS/IMMG/Seminars/Current/>;
- 18th International UIE-Congress on Electrotechnologies for Material Processing, June 6-9, 2017, Hannover, Germany, <http://uie2017.org>;
- IMPI 51-51st Annual Microwave Power Symposium (IMPI 51), June 20-22, 2017, Miami, FL, USA, <http://impi.org/symposium-short-courses/>;
- 10th International Workshop "Strong Microwaves and Terahertz Waves: Sources and Applications" will be held on July 17–22, 2017 on board of a river boat starting from Nizhny Novgorod, Russia <http://www.smp.sci-nnov.ru/>;
- 4th Summer School in Ultrasound and Microwaves for Chemical Processing-Ultrasound & Microwave Technologies, 4-8 September 2017 Leuven, Belgium;
- AMPERE 2017-16th International Conference on Microwave and High Frequency Heating , 18-21 September 2017, Delft, The Netherlands, <http://www.ampere2017.nl/>.

Let me conclude this message adding few words on the visibility of our Association's activities via website and Newsletter.



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On the website we are still missing a lot of your links, my dear members! We would like to promote your activities, projects, papers with the with 10 to 15 visitors logging in per day from 129 countries worldwide. I strongly invite you all to send me the links to your research group or to your company.

The indefatigable Editor of AMPERE Newsletter, Professor Eli Jerby, is continuing to us extremely interesting themes on the 4 Issues per year which will be soon allocated in a more interactive electronic form.

Last thought goes to an unfortunate event. This year we have lost one of our more active and enlightened members and a good friend to many of us, Prof. Dr. Monika Willert-Porada, Universität Bayreuth, Germany. My most sincere condolence to her colleague and family members from part of AMPERE.

My best wishes for the New Year!

Cristina Leonelli

AMPERE EUROPE  
President