SECOND CALL FOR ABSTRACTS

AMPERE
2019

VALENCIA
9-12 September, 2019

17th International
Conference on Microwave
and High Frequency Heating

The Association for Microwave Power in Europe for Research and Education (AMPERE) is pleased to announce the 17th International Conference on Microwave and High Frequency Heating: AMPERE 2019, the largest event in Europe dedicated to scientific and industrial applications of microwave and radiofrequency power systems.

The AMPERE 2019 conference presents the status and trends in the multidisciplinary fields of microwave and radiofrequency heating, dielectric properties, material processing, high power systems and technologies.

The conference provides many opportunities to researchers and engineers from academia and industry to present their works, exchange innovative ideas, networking, discuss collaborations and to meet with international experts in a wide variety of specialities of microwave and high frequency technologies at both scientific and industrial scale.

Polytechnic City of Innovation (CPI), VALENCIA

The conference will be held on 9-12 September 2019 in the The Polytechnic City of Innovation (CPI). The CPI is the Science Park of the Universitat Politècnica de València (UPV). The Science Park is conceived as a space, not only in physical terms, to connect university, business and society in order to streamline the generation of knowledge-intensive activities.

Located on the eastern coast of the Mediterranean Sea, Valencia is the third largest city in Spain with a population of around 1,000,000 inhabitants. The city of Valencia has many attractions making it one of the best locations for congresses, tourists and trade in Europe. Thanks to its privileged location in the Mediterranean and a dynamic economy and cultural life, Valencia is enjoying growing prominence amongst other large European cities.

ampere2019.com
Authors are invited to submit abstracts for presentation addressing the scientific topics covered by the conference. All abstracts and papers will be peer reviewed by the Scientific Committee based on their originality, significance, methodological soundness, and clarity of exposition. All works will be classified in accordance with the scope of the congress and its thematic areas.

Submitted abstracts and papers must follow the template available in the conference webpage. Abstract length must be 1 page incorporating all text, references, figures and tables and must be uploaded in word format. The authors of accepted abstracts will be invited to submit a full paper between 4 to 8 pages. The submission process requires that at least one author should register to attend the conference and present the abstract. Accepted abstracts must be presented in-person as a 15-minute talk or in a poster session. The language for the submissions and presentations is English, which is also the only official language of the conference.

AMPERE 2019 is using the OCS platform of UPV Press to manage the submissions improving the scholarly quality and accessibility of the conference’s publications. This platform provides to the authors a homepage where they can register their submissions and make appropriate changes. Accepted abstracts will appear in the conference’s Book of Abstracts printed for the conference. Full papers will appear in the conference proceedings (with ISBN), published by UPV Press, and will be provided with a DOI number and submitted to be indexed in major international bibliographic databases.

The Scientific Committee will select the winners for the Best Paper and Best Student Paper awards of the conference. Outstanding contributions in the field of Industrial Microwave or RF heating will also be awarded with the AMPERE Fellowship, the AMPERE Medal and the newly established Ricky Metaxas Young Researcher Award.
TECHNICAL PROGRAM
This year's technical program of AMPERE 2019 is designed to cover a wide range of technical sessions, plenary talks, short courses, student competition, as well as numerous exhibits in the three-day conference. Industrial sessions (Wednesday, September 11th), addressing key topical applications will also be of significant interest during the conference.

The AMPERE 2019 Conference will feature an exceptional speaking line-up, including opening plenary speakers and keynote speakers. Leading voices from some of the most influential microwave sectors will enlighten and engage attendees and will ensure you leave the event inspired.

Below is the list of confirmed plenary and keynote speakers.

A.C. Metaxas, AC Metaxas and Associates, UK
José M. Serra, ITQ CSIC-UPV, Spain
Monika C. Balk, Muegge GmbH, Germany
Philippe Bergonzo, Seki Diamond Systems, USA
Peter-A. Püschner, PÜSCHNER Microwave Power Systems, Germany

SHORT COURSE & MODELLING WORKSHOP
Short Course & Modelling Workshop will be held on Monday (September 9, 2019), preceding the AMPERE Conference.

The traditional Short Course is a premier event to introduce the participants in the fields of microwave and RF heating systems, technologies, and applications in many scientific and industrial processes.

The modelling workshop will offer the attendants a general overview of the capabilities and benefits of 3D Electromagnetic simulators packages. This workshop includes a hands-on session with the QuickWave-3D professional simulator and experimental verification to provide the attendees a unique experience of the functionality and application of advanced modeling.

Both courses are designed to increase the knowledge in the microwave science while offering the experience of highly regarded experts.

A detailed program will be posted on the AMPERE Web site.

SOCIAL & COMPANION’S PROGRAM
Ampere 2019 Social Program will provide attendees with many networking opportunities over the course of the three-day event. We have included a night beach party, a cocktail in a palace with a flamenco show and for the last night, we will enjoy the gala dinner in a remarkable place in Valencia. These evenings are set in a stimulating and relaxing environment in order to broaden networking opportunities.

All the companions will have also a special package that includes a Paella cooking workshop, a Flamenco dance masterclass, a wine and tapas tasting tour and a traditional Albufera boat trip.