

A M P E R E – 16th International Conference on Microwave and High Frequency Heating, Delft. The Netherlands, 18-21 September 2017.

<http://www.ampere2017.nl/>



Association for Microwave Power in Europe for Research and Education is a "European" non-profit association devoted to the promotion of microwave and radio frequency heating techniques for research and industrial applications

<http://www.ampereurope.org/>

Past Conferences

The main conference organised on behalf of AMPERE is known as the "International Conference on Microwave and High Frequency Heating" and is held biennially. There have been 15 such conferences in Europe: Cambridge-UK (1986); Arnhem-NL (1989); Nice-F (1991); Gothenburg-S (1993); Cambridge-UK (1995), Fermo-I (1997), Valencia-E (1999), Bayreuth-D (2001), Loughborough-UK (2003), Modena-I (2005), Oradea-ROM (2007), Karlsruhe-D (2009), Toulouse-F (2011), and Nottingham-UK (2013), Cracow-PL (2015).

Additionally, three Microwaves in Chemistry meetings have been sponsored by AMPERE. The first was held in Prague-CZ (1998), then it followed Antibes-F (2000), and Brno-CZ (2006).

AMPERE has also endorsed the World Congresses held in Florida-USA (1997) and (2000), Sydney-AUS (2002), Austin-USA (2004), Otsu-Japan (2008), Long Beach, Ca-USA (2012), and Cartagena-E (2016).

The **16th International Conference on Microwave and High Frequency Heating: AMPERE 2017** is the largest European microwave and radio frequency conference attracting a global audience and will be hosted from 18-21 of September 2017 at **Delft University of Technology**.(<http://www.ampere2017.nl>)

Conference aims and themes

The conference aims to bring together a couple hundred delegates from the national and international academic and industrial community all over the world and in particular from the rapidly growing microwave (MW) and radio frequency (RF) community to discuss current trends in Microwave and RF system design as well as their application to the broader field of **chemical process and materials engineering**.

The specific thematic areas are:

- Process intensification

- Microwave plasma
- Continuous flow reactors
- Biomass and waste processing
- Microwave-assisted catalysis
- Microwave-assisted separations
- Scale-up of microwave processes
- Organic and polymer chemistry
- Materials processing
- Nanoparticles, nanomaterials and nanotechnology
- Medical and biological applications
- Modeling of microwave processes and dielectric heating
- Novel microwave equipment
- Proces control and monitoring

Abstract submission

Abstract and full paper submission should be done through the website of the conference <http://www.ampere2017.nl/> . Then click the tab 'Author Information'.