

# NEWSLETTER #1

## Scientific committee

C. Argirusis, National Technical University of Athens (Greece)

M. Ashokkumar, University of Melbourne (Australia)

M. Atobe Yokohama University (Japan)

C. Bianchi, University of Milan (Italy)

D. Casadonte, Texas Tech University (USA)

F. Chemat, University of Avignon (France)

P. Cintas, University of Extramaduras (Spain)

G. Cravotto, University of Torino (Italy)

E. Flores, University Santa Maria (Brasil)

P. Gogate Institute of Chemical Technology, Mumbai (India)

H. Harada Meisei University Tokyo (Japan)

Y. Hemar University of Auckland (New Zealand)

J-Y Hihn, University of Besançon (France)

N. Ince, Bogazici University (Turkey)

J. Lee University of Surrey (UK)

J-M. Leveque, University of Savoie Mont Blanc (France)

O. Louisnard Ecole des Mines Albi (France)

R. Mettin University of Goettingen (Germany)

S. Nikitenko, ICSM Marcoule (France)

A. Pandit Institute of Chemical Technology, Mumbai (India)

R. Pflieger ICSM (France)

G. Price University of Bath (UK)

K. Suslick, University of Illinois (USA)

T. Van Gerven, KU Leuven (Belgium)

L. Weavers, Ohio State University

K. Yasui NIAIST Nagoya (Japan)

## Are already in the conference program

### 4 plenary talks:

F. Chemat, University of Avignon (France) "Applications of Ultrasound in Food, Pharmaceutical and Cosmetic Processing: from Innovations to Industrial Applications"

P. Cintas, University of Extramaduras (Spain) "Immersing Sonochemistry in Emerging and Greener Chemical Syntheses"

R. Mettin University of Goettingen (Germany) "Dynamics of flashing bubbles in multi-bubble sonoluminescence"

J. Lee University of Surrey (UK) "The Art of Sonocrystallisation"

### 9 Invited lectures:

N. Bernaudshaw (India) "Mixed Metal Oxides and Metal-Metal Oxides Hetero Junctions for Efficient Sonophotocatalytic Degradation of Organic Pollutants"

P. Gogate (India) "Treatment of real industrial effluent using hybrid treatment methods based on cavitation"

Y. Hemar (New Zealand) "High-Power Ultrasound Processing of dairy cream-skim milk mixtures"

N. Ince (Turkey) "Sonocatalytic destruction of PPCPs in water using costless clay minerals"

B. Pollet (Norway) "The Use of Power Ultrasound for the Fabrication of Energy Materials"

T. Van Gerven (Belgium) "A design journey for an ultrasound-assisted continuous solvent extractor"

Z. Wu (China) "Synergistic effects of hydrodynamic cavitation and ozonation"

J. Zhu (China) "Sonochemical Preparation of Electrocatalysts for Oxygen Reduction Reaction"

## ESS Award

The executive board of the European Society of Sonochemistry is pleased to honor Prof K. Suslick in its Award program for his outstanding contribution in the field of sonochemistry in past decades.

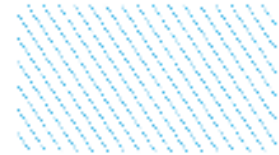


At this occasion, he will give a specific talk during the opening of the next European Society Sonochemistry Meeting, to tell us stories about the activity of the community in the US as well as worldwide, based on his experience "From Stokes to Thorneycroft to Rayleigh to Loomis to Here".

## NEWS

The refereeing process is ongoing and the acceptance notification will be sent as soon as possible. Up to date, we have received more than 115 abstracts from all over the world. All topics are well covered, and many papers concern fundamental aspects and ultrasonic processing, but we can notice an increase of the papers dedicated to Food processing. Final program is under construction and will be available before the end of February.

It is possible to finalize your registration on the website <https://ess16.sciencesconf.org/>



# 30 years of innovation for new uses of ultrasound



## 30 YEARS OF INNOVATION

- in the medical field, biology, research, industry...
- applied to cleaning, welding, liquid processing, spraying,....

**A modern range of laboratory equipments with the latest technological advances available on the market**



## 30 YEARS OF EXPERIENCE

- to offer a wide range of industrial equipment to meet the needs of our customers
- to apply ultrasound in critical environments (temperature, pressure, irradiation, chemistry, explosive)

