

# Summer School in Ultrasound and Microwaves for Chemical Processing – Ultrasound & Microwave Technologies

KU Leuven, Belgium, 4-8 Sept. 2017

## Registrations for summer school on ultrasound and microwaves for chemical processing now open!

A summer school on Ultrasound and Microwaves for Chemical Processing will be organized in cooperation with the European Sonochemistry Society (ESS) and AMPERE. This summer school will address the use of ultrasound and microwave technologies in chemical processes. A combination of lectures and practical sessions will be organized to approach the topics both from a theoretical and practical way. Registration for the ESS Summer School is now open via the [website](#) and is limited to 50 applicants.

### Topics:

1. Introduction to ultrasound technology
2. Introduction to microwave technology
3. Ultrasound reactor characterisation
4. Ultrasound assisted separation processes
5. Ultrasound and microwaves catalysis
6. Microwave enhanced inorganic chemistry
7. Microwave enhanced organic chemistry
8. Microwaves for Chemical Engineering Applications
9. The use of microwaves in industrial applications
10. Combined use of ultrasound and microwaves & scaling up

Website: <http://summerschool.cosmic-etn.eu/>

Date: 4-8 September 2017

Location: Kasteelpark Arenberg 1, 3001 Heverlee, Belgium.

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