

# SEMINAR INVITATION

## MICROWAVE TECHNOLOGY, A SUSTAINABLE ENERGY SOURCE FOR EXTRACTION AND SYNTHETIC PROCESSES

Avignon, 24<sup>th</sup> April, 2018

*Equilabo, Milestone and GREEN lab are pleased to invite you at a seminar on the latest developments in technology and applications of microwave assisted synthesis and microwave extraction of natural products.*

A number of research fields has taken advantage of the fast, molecularly selective and volumetric heating that is created by the direct coupling of microwave energy and the bulk mixture; a condition that often cannot be reproduced by classical conductive heating. This high-caliber and highly technical seminar, hosted at Université d'Avignon includes four thought-provoking sessions.

### TOPICS

New developments in the exciting field of microwave assisted extraction and chemical synthesis. Come to learn how to move microwave process from laboratory to industry. Overview of Milestone unique solutions for above reported applications. Live demo of the new processes and instrumentation.



www.green.univ-avignon.fr



www.equilabo.com



www.milestonesrl.com



### SPEAKERS

*Experts in microwave technology*

#### **Prof. Farid Chemat**

*Full Professor of Chemistry at Avignon University*

#### **Prof. Giancarlo Cravotto**

*Full professor of Organic Chemistry, Department of Drug Science and Technology, University of Turin*

#### **Dr. Marilena Radoiu**

*Independent Microwave Consultant*

### USERS' EXPERIENCE

*Gain insight to the benefits of microwave technology on daily activity*

### AGENDA

Sessions	Sessions
8.30-9.00	Registration
Morning 9 -12.30	Welcome
	<i>Green Microwave Extraction: from laboratory innovations to industrial applications</i> Prof. Farid Chemat
	<i>Technology innovation in Organic Synthesis with Microwaves</i> Prof. Giancarlo Cravotto
	<i>Is Microwave-Assisted Chemistry Scalable? Microwave processing from laboratory to industry</i> Dr. Marilena Radoiu
	<i>Users' Experience</i>
12.30 13.30	Lunch
Afternoon 13.30-16	<i>Demo: hands-on training for lab instruments &amp; customized tests</i>

#### **Limited seats available!**

To attend this free Seminar, registration is compulsory. Please write an email to [anne-sylvie.fabiano@univ-avignon.fr](mailto:anne-sylvie.fabiano@univ-avignon.fr)

**Registration closing date: 31<sup>th</sup> March, '18**

Université d'Avignon et des Pays de Vaucluse  
UFR-ip Sciences, Campus Jean-Henri Fabre  
301 rue Baruch de Spinoza, BP 21239  
84916 Avignon Cedex 9 – France  
<http://green.univ-Avignon.fr/plan-et-contact/>