



International Conference on Advanced Materials, Microscopy and Energy (ICAMME'19) April 15-19 / 2019, Meknes, Morocco



The International Conference on Advanced Materials, Microscopy and Energy (ICAMME'19) would be an ideal platform for all International and National Scientists, Professors, Students, and Industrials. There will be feature talks by eminent personalities from academics and industries on recent advances in field of Materials Science, Microscopy, Engineering, Technology and Energy. It will anticipate more than 300 participants around the globe with thought Keynote lectures, Oral Presentations and Poster Presentations. This is an excellent opportunity for the delegates from Universities and Institutes to interact with the world class Scientists.

We encourage submission of papers for the following types of contribution: Oral presentation, Poster presentation, Company Presentations and Virtual Presentations. ICAMME'19 aims to proclaim knowledge and share new ideas amongst the professionals, industrialists and students from research areas of Advanced Materials, Advanced Microscopy techniques and Energy, to discuss the current status and recent development in these areas.

ICAMME'19 will be held in Faculty of Sciences University Moulay Ismail Meknes-Morocco from April 17 to 19, 2019. This event includes different kinds of presentations given by researchers and experts from the international community, including keynote speakers, special sessions, posters and tutorials. It covers a wide spectrum of topics.

A specialized spring school will be held during April 15 - 16, 2019 before the Conference. The lectures and seminars at the spring school will cover fundamental and applied aspects related to Advanced Materials and Advanced Microscopy and spectroscopy techniques. The lecturers are international experts in these areas. The school is intended in order of priority to PhD students, Masters 2, Engineers and researchers.

Topics Conference

Paper on all aspects coupling advanced Materials, microscopy and Energy both fundamentals and applied, will be welcome.

Session 1: Advanced Materials and energy

- Nanomaterials
- Carbon nanotube and graphene
- Materials for Industrial Applications
- Materials for Medical Applications
- Materials for Environment Protection
- Materials for solar energy
- Advanced Optical Materials
- Thermoelectric materials and their applications
- Magnetic Materials
- Materials for Energy Storage
- Energy applications of nanomaterials
- Thermal power
- Additive manufacturing

Session 2: Advanced Microscopy techniques

- Electron-Microscopy of Materials and Nanomaterials.
- Processing Methods and Advances in Characterization Techniques.
- Surfaces properties
- Gaseous Scanning Electron Microscopy
- Transmission Electron Microscopy
- Structural and Chemical Characterizations.

Session 3: Mineralogy and mineral resources

- Treatment and use of mineral resources.
- Phosphate materials and applications
- Metals, ceramics, glasses, composite materials, fibers, nanostructured materials.
- Mineral/ore characterization-process mineralogy.
- Metallic/non-metallic minerals beneficiation.
- Energy efficiency in mineral processing.

Session 4: Modelling and Numerical Simulations

- Modelling and scientific computing
- Simulations in material science
- Model development and computational techniques
- Modelling of materials and nanomaterials.
- Modelling in the energy fields
- Methods and software for simulations in research and engineering.

Speakers

Christian COLLIEX	Orsay France
El Hassane BENTEFOUR	Harvard USA
Patrick CORDIER	Université de Lille France
Abdelali RAHMANI	FS-UMI Meknes Morocco
Lahcen KHOUCHAF	IMT Lille Douai, France
Damien JACOB	Lille University, France
Rose Noëlle VANNIER	Lille University, France
Jean Louis BANTIGNIES	L2C Montpellier 2, France
Laurent ALVAREZ	L2C Montpellier 2, France
Frédéric ROGER	IMT Lille Douai, France
Christian MATHIEU	Lens France
Khalid BOULAHYA	Madrid, Spain
Abdelhamid BENZAOUZ	Bordeaux, France
Mabrouk BENHAMOU	FS-UMI Meknes Morocco
Abderrazak TRAUDIA	Aramco K. Saudi Arabia
Brahim ELOUADI	La Rochelle France
Boutayna FRIH	Bordeaux France

Deadlines/Submission

Abstract due	January 15, 2019
Abstract acceptance	February 15, 2019
Paper submission	March 30, 2019
Conference date	April 17, 2019

Organizing Committee

Abdelhai RAHMANI (Chairman)	FS Meknes, Morocco
Lahcen KHOUCHAF (CoChairman)	IMT Lille Douai France
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Khalid SBAI	EST Meknes, Morocco
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