

2019

# EUROCLAY

International conference on clay science and technology

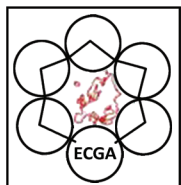


1<sup>st</sup>-5<sup>th</sup> July 2019

# PARIS

Université Pierre et Marie Curie  
4, place Jussieu - 75005 Paris

<http://euroclay2019.sciencesconf.org>



# First Circular

2019

# EUROCLAY

International conference on clay science and technology

## Call for Sessions

<http://euroclay2019.sciencesconf.org>

The scientific program of the symposium traditionally covers various fields of clay minerals, with specific focus on the fine tuning of their properties, detailed characterization and new areas of application.

## Important dates

**July 2017:** First circular

**September 2017:** Call for session and workshop organisers

**September 2018:** Second circular, call for abstracts, early registrations opens

**February 2019:** Acceptance of abstracts

**March 2019:** Early registrations closed

## Proposed topics

### Crystallography, mineralogy and modelling

- Crystallography, mineralogy, stacking, nanostructures
- Advanced characterization methods and modelling strategies
- Colloidal properties of clay minerals
- 1D clay minerals (imogolite, halloysite, sepiolite, palygorskite), structure, functionalization, properties, applications

### Environment and geological processes

- Clays as witness of geological processes, weathering, hydrothermal clay deposits
- Mudrocks: fabric, composition, provenance (i.e. petrology of fine grained rocks)
- Oxyhydroxydes, genesis, synthetic equivalents and use in remediation
- Extra-terrestrial clay minerals (meteorites, asteroids, IDPs, Mars, ...)
- Clay materials in relation with organic matter
- Datation of clays
- Resources, energy, storage
- Diagenesis, oil and gas deposits, including non conventional ones
- Clay minerals and fluids: nucleation, crystal growth and feed back to storage
- Civil engineering, geotechnics, geomembranes, geopolymers, disposal sites
- Clays in the context of the deep geological storage of nuclear wastes
- Clays in catalytic reactions

### Functionalized clays, Health and cosmetics

- Ceramics
- Cultural Heritage
- Layered Double Hydroxides: from characterization and nano-assemblies to applications and sustainable solutions
- Functionalized clay minerals, clay based nanocomposites and their applications
- Clay materials in relation with biology, clays and health

## Proposals to organize Sessions, Workshops should include the following information

1. The title of the Session and/or Workshop
2. The name, affiliation, mailing address and e-mail address(es) of the proposer(s)
3. A description of the topic of the Session and/or Workshop (not exceeding 100 words)
4. A short description on the means of advertisement for the Session

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## Organizing Committee

Jean-Louis ROBERT, Maguy JABER  
(Sorbonne Universités, Paris, France)

The symposium is organized by: French Clay Association