



Seminar on “Geopolymers and Alkali Activated Materials”

XVI ECerS Conference - Torino, June 20th - 21st 2019

It is a great pleasure to announce the Seminar on “Geopolymers and Alkali Activated Materials”, that will be held for the first time in occasion of the ECerS Conference . The Seminar is organized by the **Italian Working Group on Geopolymers** of the **Italian Ceramic Society**, active since 2008 and gathering more than 80 members, one third coming from industry.

Geopolymers are synthetic alkali aluminosilicate materials which can be consolidated at room temperature via alkaline or acidic activation of aluminosilicate powders. The **aim of the Seminar** is to inform beginners from the ceramics field on the synthesis, activation and properties of these materials, so that to face the request of low-carbon foot-print materials and CO₂ reduction, typically high for Ordinary Portland Cement and traditional fired ceramics.

We expect a large number of international ceramic scientists, students, and industrial specialists interested in the technology that transforms a inorganic powdery by-product/waste/end-of-life material into a valuable product by a simple chemical reaction. There will also be the occasion to bring together academia and industrialists to discuss on the more updated technological innovations as well as on the classification and regulation issues.

The Seminar will start at the end of the Session on “Geopolymer and Cements” /Symposium 8 “SILICATE CERAMICS” in the afternoon of the last day of the conference, June 20th, and continuing the entire morning of June 21th.

The seminar will be held in:

PERUCCA room

**Department of APPLIED SCIENCE AND TECHNOLOGY (DISAT),
Politecnico di Torino, Corso Duca degli Abruzzi 24, 10129 Turin, ITALY**

For the Seminar is set a special One Day Fee: 70/90 € (see the **Registration Form**).

THE MINIMUM NUMBER OF PARTICIPANTS IS FIXED AT: 20 persons.

For general information and accommodation, please visit <https://www.ecers2019.org/>

Organization:

Prof. Cristina Leonelli (University of Modena and Reggio Emilia, Italy) (cristina.leonelli@unimore.it)

Dr. Valentina Medri (CNR-ISTEC, Faenza, Italy) (valentina.medri@istec.cnr.it)

Dr. Elettra Papa (CNR-ISTEC, Faenza, Italy) (elettra.papa@istec.cnr.it)

Prof. Paola Palmero (Politecnico di Torino, Turin, Italy) (paola.palmero@polito.it)



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Program

PERUCCA room, DISAT- *Politecnico di Torino*, Turin

June 20th 2019

14.00 Registration

14.30 “Introduction to the seminar”, *Prof. Cristina Leonelli, UNIMORE, Italy*

14.45 “Geopolymer: structure and formulation”, *Prof. Trudy Kriven, Illinois University, USA*

16.15 *Coffee break*

16.30 “Geopolymer: reticulation degree”, *Prof. Sylvie Rossignol, University of Limoges, France*

18.00 “Geopolymers for waste valorization and inertization”, *Prof. Isabella Lancellotti, UNIMORE, Italy*

19.00 *End of the first day - Free dinner*

June 21st 2019

9.00 “Alkali activated materials”, *Dr. Ana Fernández-Jiménez, CSIC- Eduardo Torroja Institute, Spain*

10.30 *Coffee break*

10.45 “Porous and composite geopolymers”, *Dr. Elettra Papa & Dr. Annalisa Natali Murri, CNR-ISTEC, Italy*

11.45 “Geopolymers and AAM: standards and regulation” *Dr. Vilma Ducman, ZAG, Slovenia*

12.15 “Conclusive remarks” *Dr. Valentina Medri, CNR-ISTEC, Italy*

12.45 *Free lunch*



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REGISTRATION FORM

The REGISTRATION FORM must be sent before April 15th to:
elettra.papa@istec.cnr.it

Title/ Family name :

First name :

Student or Professional

University/lab/Company :

VAT number if any :

Street:

Zip code /Town :

Country:

Phone:

Email:

Registration fee:

- 70 € (early bird: before April 30th)
- 90 € (after April 30th)

Payment

Payment of the registration fee must be done on the following bank account:

IBAN: IT45 R076 0102 4000 0002 2270 409

BIC: BPPIITRRXXX

With the following reference: Seminar on Geopolymers ECERS2019—First and Last Name