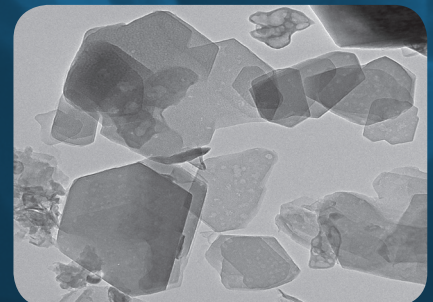
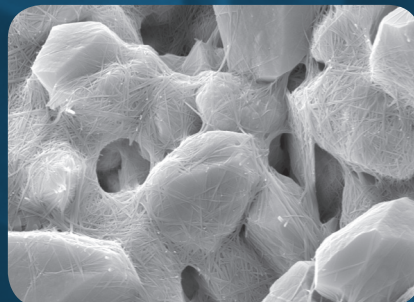
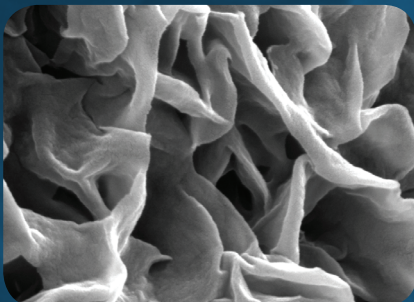


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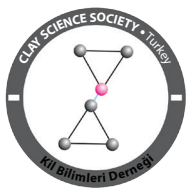
*New Interfaces: Bridging
Continents and Cultures
with Clays*



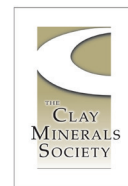
ANNOUNCEMENT



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17th INTERNATIONAL CLAY CONFERENCE (17th ICC)
July 11-16, 2021
İSTANBUL, TURKEY

NEW INTERFACES: BRIDGING CONTINENTS AND CULTURES WITH CLAYS

Dear Colleagues,

On behalf of the Clay Science Society (Turkey) and The Clay Minerals Society (USA), it is our great pleasure to announce the co-hosting of the 17th International Clay Conference 2021 (17th ICC 2021) in İstanbul, Turkey.

İstanbul is Turkey's most populated and unique city spanning the continents of both Europe and Asia. Separated by the Bosphorus waterway, İstanbul is culturally diverse, easily navigated, and historically fascinating. As the business and financial hub of Turkey, it is well oriented to hosting large international meetings of all types, especially scientific conferences.

The scientific program of the 17th ICC 2021 will bring together, as it does every four years, scientists from different disciplines related to clays and clay minerals. The program will consist of technical sessions of oral and poster presentations and keynote speakers. In addition to thematic sessions, there will be pre-conference 3 workshop(s), including a 2-day AIPEA – ASYS and a 1-day CMS Workshop. Post Conference field trips will be organized to visit Turkish clay deposits and their industrial applications. The social program will include visits to historical sites, shopping for traditional items, and sharing the richness and diversity of Turkish cuisine.

Conference extended abstracts will be published as a dedicated volume. Publication of special issues hosted by high impact clay journals will be planned and announced prior to the Conference. The workshops will be offered by CMS for publication via their lecture series, with topics to be announced prior to 17th ICC 2021. Exhibitors will be present, including leading clay industries, media representatives, and publishers in related fields of clay science.

The Conference will take place in the Hilton Hotel İstanbul Maslak. The Hotel has a convenient location, next to the İstanbul Technical University Ayazağa campus in Maslak. A metro station on the M6 line provides fast and reliable access to all of İstanbul's extensive transit system and main tourism areas. The conference venue is accessible to/from İstanbul's new world hub airport. We promise a technically and socially stimulating Conference along with warm Turkish hospitality.

As the bridges span the Bosphorus connecting cultures and continents, we hope you will join us at the 17th ICC 2021 to bring together new ideas from people and countries from around the world. We look forward to seeing you in İstanbul!

THE CLAY SCIENCE SOCIETY (TURKEY)

Selahattin Kadir

Conference General Chair

THE CLAY MINERALS SOCIETY (USA)

Paul A. Schroeder

Conference Co-Chair

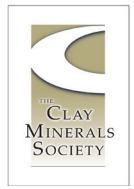
AIPEA

Asuman Günel Türkmenoğlu

Representative of 17th ICC 2021



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ORGANIZING COMMITTEE

General Chair

Selahattin Kadir (Eskişehir Osmangazi University, Turkey)

Co-Chair

Paul A. Schroeder (University of Georgia, United States)

AIPEA – Representative of 17th ICC 2021

Asuman Günel Türkmenoğlu (Middle East Technical University, Turkey)

Secretary

Fahri Esenli (İstanbul Technical University, Turkey)

e-mail: chair@17icc.org

PROFESSIONAL CONFERENCE ORGANIZER



Phone : +90 212 347 63 00

Fax : +90 212 347 63 63

E-mail : secretariat@icc2021.org

CONFERENCE IMPORTANT DAYS AND DEADLINES

March, 2020: Call for thematic sessions – **CLOSED**

August, 2020: Close call for sessions – **CLOSED**

September, 2020: Announcement of thematic sessions – **CLOSED**

January 15, 2021: Opening of abstract submission

March 15, 2021: Abstract submission ends

March 15, 2021: Early Bird registration ends

March 28, 2021: Abstracts Acceptance

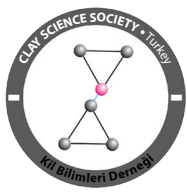
May 15, 2021: Announcement of final program

July 1, 2021: Late registration

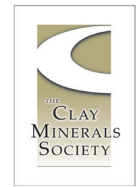
July 10-11, 2021: Pre-conference workshop (ASYS, CMS)

July 12-16, 2021: Conference and one day social program

July 17-18, 2021: Post-conference one and/or two days field trips



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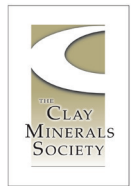


THE CONFERENCE THEMES

1. Durability of clay-based bending mortars and their regulation frame
2. Property, functionalization and applications of one-dimension nanoporous clay minerals: From nanofiber to nanotube
3. Fibrous clay minerals: properties and implications for paleoenvironment and diagenesis
4. Clay minerals throughout the solar system
5. Soil minerals in connection with pedogenic processes
6. Clays for contaminants control
7. Natural zeolites and clays as ion-exchanger
8. Sepiolite, palygorskite and bentonite: geology, properties and applications
9. Clay minerals, deposits and cultural heritage
10. Clays and health
11. History of clay science and of its societies
12. Soil mineral quantification -from poorly crystalline phases and interstratified soil clay minerals to digital soil mineralogy
13. Clay geochronology
14. The geochemistry of clay minerals as a proxy for the origin and/or provenance of sedimentary particles
15. Interaction between clay minerals and organic carbon: from natural clay-carbon compound to hybrid materials
16. Teaching clay science
17. Advanced microscopy in clay research
18. Layered double hydroxides: Advanced 2-D clay-materials for applications in energy, environmental remediation and health
19. High temperature impact on bentonite barrier systems in the context of radioactive waste disposal
20. Fibrous clays: from fundamental research to functional materials
21. Authigenic clays in petroleum exploration
22. Clays in oil & gas applications
23. Occurrences of the rare-earth element resources in clays
24. The role of clays in critical zone architecture and function
25. Palygorskite: from fundamental research to functional materials
26. Clay minerals studies in sedimentary basins predicting geotherms, fluid- and hydrocarbon migration systems
27. Clay mineral reaction progress during burial diagenesis and very low-temperature metamorphism
28. Multiscale computational modeling of clay-related materials and their fluid interfaces
29. Stability of smectite from experiments to natures
30. Clays for ceramics
31. Clays and the molecules of life
32. General session



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ICC 2021 WORKSHOPS

- **Kaolin: Origin, properties, and applications**
AIPEA School for Young Scientists (ASYS)
July 10–11 (Saturday-Sunday), 2021
- **Advances in the characterization of smectites in bentonites**
The Clay Minerals Society Workshop Lecture Series
July 10 (Saturday), 2021
- **Clay mineral catalysis of organic reactions**
AIPEA Workshop
July 11 (Sunday), 2021

ICC 2021 FIELD TRIPS

- **Field trip 1/ july 17, 2021**
Şile clay deposit
- **Field trip 2 / july 17–18, 2021**
Bentonite (Çağış) and kaolin (Düvertepe) deposits in Balıkesir



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