

CEEC-TAC

Central and Eastern European Committee for
Thermal Analysis and Calorimetry

CEEC-TAC5 & MEDICTA2019

5th Central and Eastern European Conference on Thermal
Analysis and Calorimetry & 14th Mediterranean Conference
on Calorimetry and Thermal Analysis
27 - 30 August 2019, Roma - Italy



CEEC-TAC5 & Medicta2019

27-30 August 2019, Roma, Italy

www.ceec-tac.org



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UNIVERSITÀ DI ROMA

CEEC-TAC

Central and Eastern European Committee for
Thermal Analysis and Calorimetry



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Plenary Lectures

- *Kestutis Baltakys* (Kaunas University of Technology, Lithuania)
- *Dimitrios N. Bikiaris* (Aristotle University of Thessaloniki, Greece)
- *Nobuyoshi Koga* (Hiroshima University, Japan)
- *Janos Kristof* (University of Pannonia, Hungary)
- *Vahur Oja* (Tallinn University of Technology, Estonia)
- *Crisan Popescu* (KAO European Research Laboratory, Germany)

Invited Lectures

- *Arnon Chaipanich* (Chiang Mai University, Thailand)
- *Svetlana Danilova-Tretiak* (A.V. Luikov Heat&Mass Transfer Institute, Belarus)
- *Ahmed El-Sabbagh* (Ain Shams University, Egypt)
- *Nathanael Guigo* (University of Cote d'Azur, France)
- *Tiit Kaljuvee* (Tallinn University of Technology, Estonia)
- *Dana Luca Motoc* (Transilvania University of Brasov, Romania)
- *Cheila G. Mothe* (Federal University of Rio de Janeiro, Brazil)
- *Wojciech Marczak* (Jan Dlugosz University in Czestochowa, Poland)
- *Jonjaua Ranogajec* (University of Novi Sad, Serbia)
- *Adriana Saccone* (University of Genoa, Italy)
- *Chi-Min Shu* (National Yunlin University of Science and Technology-YunTech, Taiwan)
- *Pablo Taboada* (University of Santiago de Compostela, Spain)
- *Paul S. Thomas* (University of Technology Sydney, Australia)
- *Ranjit K. Verma* (Patna University, India)
- *Anna Vykydalova* (Slovak University of Technology in Bratislava, Slovakia)
- *Kseniya Zherikova* (Nikolaev Institute of Inorganic Chemistry, Russian Federation)

Workshops

1. **Kinetics and Lifetime prediction of materials.**
2. **Advanced Functional Materials**
 - a) **Thermophysical Aspects of Functional Ceramics and Surfaces** (Special TA&C techniques, Phase transitions, Thin films, Nanomaterials, Dynamic processes in electroceramic materials, Thermoelectrics, Catalysts and Porous materials, Diffusional processes in solids).
 - b) **Thermophysical and Thermochemical Aspects of Clay Materials** (Kaolinite, Montmorillonite, Illite, Chlorite, Laponite, Halloysite, etc.).
 - c) **Thermal Processing and Thermophysical Properties of Metals, Intermetallics, Alloys and Composites.**

Topics

1. Kinetics and catalysis.
2. Thermophysical properties and thermal reactivity of solids.
3. Metals, alloys, intermetallics & high temperature materials.
4. Thermally stimulated processes in ceramics. Ferroelectrics, relaxors and thermoelectrics.
5. Thermal investigation of thin films, nanomaterials and other minute materials.
6. Functional soft inorganic, organic and macromolecular materials.
7. Thermochemistry and calorimetry.
8. Thermodynamics of biomolecules; from stability to interactions.
9. Polymers, Biomaterials, Pharmaceuticals and Cosmetics.
10. Clay materials, the environment and green technologies. Alternative clean sources for sustainable development, depollution, construction materials and renewable energies.
11. Combustion, fuels & biofuels. Materials for energy conversion and storage.
12. Energetic materials, thermal hazards & fire safety.
13. Advanced materials processing and applied thermal engineering. Composites in extreme conditions and environments.
14. Instrumentation and theory; coupled, complementary and alternative techniques: sample controlled thermal analysis, microcalorimetry, emanation thermal analysis, nanoTA, PulseTA, laser pyrolysis, thermochromatography, etc.
15. Thermal analysis and calorimetry in life sciences, natural products, food, fertilizers, soils, geosciences, forensics, textiles and arts.

Prizes and Travel Opportunities:

CEEC-TAC, together with the *Diamond and Platinum Sponsors*, will offer several Prizes & Grants:

- “Honorary Member of CEEC-TAC” – to Prof. Janos Kristof (by CEEC-TAC)
- “Distinguished TA&C Researcher in Central & Eastern Europe” – to Prof. Vahur Oja (by Diamond sponsor & CEEC-TAC)
- “Outstanding Young TA&C Researcher in Central & Eastern Europe” - to Prof. Kestutis Baltakys (by Platinum sponsor 1 & CEEC-TAC)
- 4 Grants for Young Researchers from Central & Eastern Europe and from Mediterranean area in the field of TA&C (covering the registration fees and hotel accommodation)* (by Platinum sponsor 2 & CEEC-TAC)
- 4 Travel grants for students from Central & Eastern Europe and from Mediterranean area (covering the registration fees)* (by Diamond sponsor & CEEC-TAC)

*For the prizes marked with *, please send your CV, 1-page application letter describing your activity, together with a recommendation letter from anyone involved in TA&C field by the 1st of April 2019 at: office@ceec-tac.org, stefano.vecchio@uniroma1.it, and andrei.rotaru@inflpr.ro*
Results will be communicated until the 20th of April 2019.

Abstract submission deadline: 1st of June 2019.

Registration Fees

Participant type	Registration Options 2019		
	Early Bird <i>by 1st of May</i>	Regular <i>1st of May - 10th of July</i>	Late <i>11th of July - 28th of August</i>
Standard	330 EUR (A1)	350 EUR (A2)	450 EUR (A3)
Student	230 EUR (B1)	250 EUR (B2)	350 EUR (B3)
Accompanying	150 EUR (C1)	170 EUR (C2)	220 EUR (C3)

The packages include:

- welcome cocktail, 3 lunches, 5 coffee breaks, excursion, conference dinner.
- access and support for the poster sessions.
- assistance before and during the conference.
- internet access during the conference.
- access to all conference sessions, plenary and invited lectures (not for the accompanying persons).
- all conference materials (not for the accompanying persons).
- the right of submitting maximum 2 scientific works at *Journal of Thermal Analysis and Calorimetry, Ceramics International* (upon invitation), *Applied Clay Science* (upon invitation) and *Journal of Mining and Metallurgy, Section B: Metallurgy* (upon invitation) for the special conference volumes.

Payment method: The registration fees displayed in EUR have to be fully transferred into the bank account (additional transfer charges or fees must be covered by the sender). There are no refunds or returns for payments performed for the CEEC-TAC5 & Medicta2019 conference!

Bank Name: ING Bank N.V. Amsterdam - Sucursala Bucuresti
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Fiscal Code (CIF): 28174104
Address CEEC-TAC, Bvd. Regina Elisabeta, 4-12, sala 6, Sector 3, Bucuresti, Romania
Conference Code: TAC2019

Payment Details: Please quote participant first name & family name, conference code (TAC2019) & registration fee type (one of the following code: A1, A2, A3, B1, B2, B3, C1, C2, C3); If you pay also for the Short Summer School on TA&C, please quote SSS as well. Example 1: John Smith, TAC2019, B3. Example 2: John Smith, TAC2019, B3, SSS.

The registration fees do not include VAT. CEEC-TAC is not a VAT payer.

Abstract submission deadline: 1 June 2019.

Abstract submission and registration: 1 April 2019 – 1 June 2019

Abstract acceptance notification: 20 June 2019

The abstracts and registration forms shall be sent to: office@ceec-tac.org and ceectac@yahoo.com

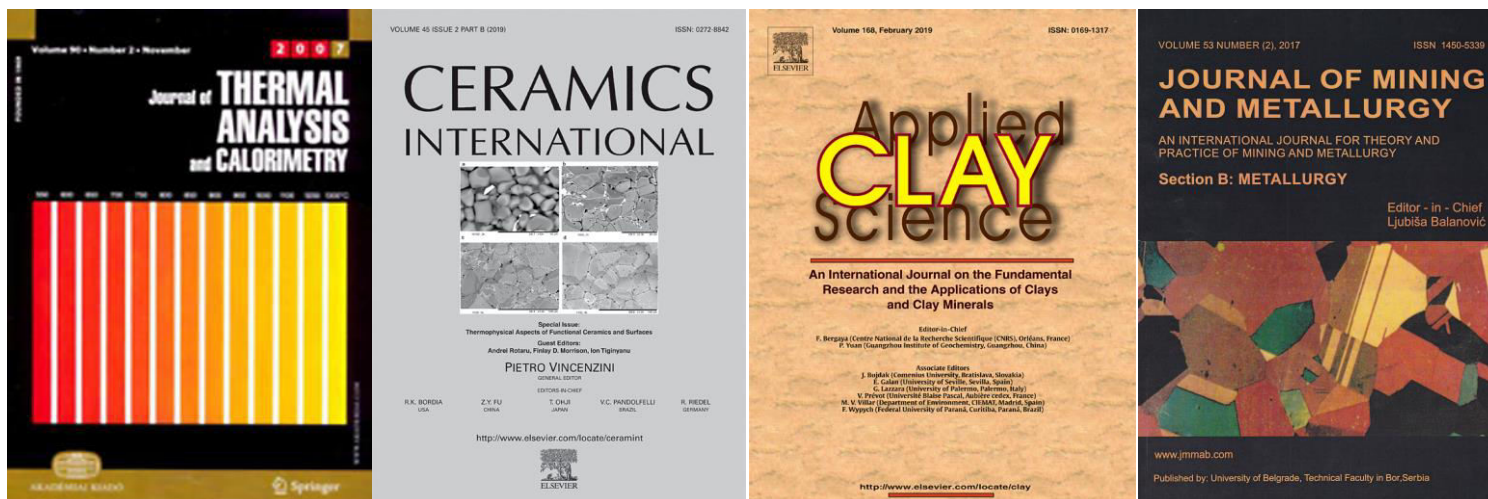
Each participant (registered, except accompanying person) may send maximum 2 abstracts for CEEC-TAC5 & Medicta2019.

Short Summer School on TA&C + International Conference for Young Researchers and Students on TA&C

Tuesday 27th of August 2019; Registration fee: 40 EUR

Publication

The oral & poster contributions will be published in special numbers of: **Journal of Thermal Analysis and Calorimetry (2017 IF: 2.209; Q2), Ceramics International (2017 IF: 3.057; Q1), Applied Clay Science (2017 IF: 3.641; Q1) and Journal of Mining and Metallurgy, Section B: Metallurgy (2017 IF: 1.400; Q2)** but only after the standard reviewing procedure. Every registered participant at the CEEC-TAC5 & Medicta2019 conference is allowed to send maximum 2 works for the special issues dedicated to this event.



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Italy & Roma



Italy & Roma





Opening Ceremony & Welcome Cocktail: 27 August 2019 (18:30-20:30 & 20:30-22:30)

Rectorate Palace of the Sapienza University of Rome, Aula Magna

Address: Piazzale Aldo Moro, No. 5, Roma, Italy



Excursion & Conference Dinner: 29 August 2019 (15:30-18:30 & 19:00-24:00)

Foro Imperiale di Roma & Colosseum