



2ND ACDC 2025

2ND CROCERS CONFERENCE:

www.fkit.unizg.hr/CroCerS/2ndACDC2025

30.4.-3.5. 2025.

CIVITAS SACRA
& HOTEL JADRAN

ŠIBENIK, CROATIA

Advanced Configurations in Derivative Ceramics

2nd International Conference of the Croatian Ceramic Society:

TOPICS



CERAMIC BODIES (I)

bulk, porous, aerogels, shaping,
green, composites, properties

CERAMIC THIN-FILMS (II)

other advanced configurations,
properties, devices

(III) CERAMIC POWDERS

nanoparticles, core-shell,
doping & processing

(IV) CERAMICS COMPUTATIONS

theoretical considerations, design,
modelling, thermodynamics, kinetics



The **Croatian Ceramic Society (CroCerS)** is the last established national society in the European area, striving to increase visibility of the activities related with ceramic materials of the researchers and processions in Croatia and internationally, in concordance with its Statute. Following that, the time was just about right to put the **International CroCerS Conference** under the spotlight. This was done in 2023, when **CroCerS** established biyearly International **ACDC Conference** to serve as a useful platform to support the above-mentioned activities. In doing so, the Scientific-Organizing Committee would like to omit "common segmentation" of the symposium topics based on the *application area or chemical composition*. Instead, we are fostering proactive segmentation of symposium topics based on **correlation of material configurations and functionalities**.

Therefore, the submissions are welcomed in following:

TOPICS

- (i) **CERAMIC BODIES**
bulk, porous, aerogels, shaping, green, composites, properties
- (ii) **CERAMIC THIN-FILMS**
other advanced configurations, properties, devices
- (iii) **CERAMIC POWDERS**
nanoparticles, core-shell, doping & processing
- (iv) **CERAMICS COMPUTATIONS**
theoretical considerations, design, modelling, thermodynamics, kinetics

PROBABLE PLENARY

- Luis A. Pérez-Maqueda ICMSE, Spain
- Yogendra Kumar-Mishra SDU, Denmark
- Benedetta Marmiroli TUG/Elettra, Austria
- Thomas Graule EMPA, Switzerland
- Finlay D. Morrison St Andrews, UK
- Anton Köck MCL, Austria

PROBABLE WORKSHOPS & APPL. NOTES

- Plasma and FIB in Ceramic (J. Zavašnik, IJS-SI)
- Dielectric glasses (L. Pavić, RBI-HR)
- Inorganics in PVs (F. Radovanović-Perić, FKIT-HR)
- Transmission microscopy (J. Marušić, ITR-LAB-SI)
- IR Spectroscopy (D. Kranjc, Optik-instruments-SI)
- Nanoparticle generator (T. Pfeiffer, VSP-ND)

PROBABLE INVITED

- (i) Arijeta Bafti FKIT, Croatia
- (ii) Zoran Mandić FKIT, Poland
- (iii) Ivana Panžić FKIT, Croatia
- (iv) Andrei Rotaru BBU & IPCIM, Romania

You are cordially invited to participate in the:

2 ACDC 2025

Advanced Ceramics in Derivative Configurations
actually a **2nd CroCerS Conference**
2nd International Conference of the Croatian Ceramic Society

to be held on **30. April – 3. May 2025.**
at **Civitas Sacra facilities, Šibenik, Croatia**
<https://www.fkit.unizg.hr/crocers/2ndACDC2025> how to get there [t.ly/s_eq0](https://www.fkit.unizg.hr/crocers/2ndACDC2025)

REGISTRATION ^a	Early	Late	Inclusive
Student Comfort (SC) (all who identify as such)	300 Eur	450 Eur	Conference materials + Presentation/Poster + Abstract in Book of Abstracts + Paper in SI (optional) + Accommodation 2/1 (3 nights) (limited 1/1 + 50 Eur) Welcome reception + Break refreshments + Meals + Gala dinner + Sightseeing tour + Transfer from Zagreb (limited)
Regular (R) (all not identifying as students)	300 Eur	450 Eur	Conference materials + Presentation/Poster + Abstract in Book of Abstracts + Paper in SI (optional) Accommodation is NOT included Welcome reception + Break refreshments + Meals + Gala dinner + Sightseeing tour + Transfer from Zagreb (limited)
Regular Comfort (RC) (all not identifying as students)	500 Eur	650 Eur	Conference materials + Presentation/Poster + Abstract in Book of Abstracts + Paper in SI (optional) Accommodation 2/1 (3 nights) (limited; 1/1 + 50 Eur) Welcome reception + Break refreshments + Meals + Gala dinner + Sightseeing tour + Transfer from Zagreb (limited)

^aAll participants have to register, not only the presenting authors.

AGENDA	Wednesday 30.4.2025.	Thursday 1.5.2025.	Friday 2.5.2025.	Saturday 3.5.2025.
8:00	8:00	Registration (60min)	Registration (60min)	free time
9:00	9:00 9:15 9:30 9:45	OL1-1 (12+3min) OL1-2 (12+3min) OL1-3 (12+3min) OL1-4 (12+3min) OL1-5 (12+3min)	OL3-8 (12+3min) OL3-9 (12+3min) OL3-10 (12+3min) OL3-11 (12+3min) OL3-12 (12+3min)	Civitas Museum (90min)
10:00	10:00 10:15 10:45	Coffee break1 (30min)	Coffee break3 (30min)	free time
11:00	11:10 11:35	IL1 (20+5min) WS1 (20+5min) ANL1 (20+5min)	IL3 (20+5min) WS2 (20+5min) ANL3 (20+5min)	free time
12:00	12:00	Lunch1 (85min)	Lunch2 (85min)	National Park Krka trip (300min)
13:00	13:25	PL4 (30+5min)	PL6 (30+5min)	
14:00	14:00 14:25 14:50	ANL2 (20+5min) IL2 (20+5min) Tech. br (10min)	WS3 (20+5min) IL4 (20+5min) Tech. br (10min)	
15:00	15:00 15:15 15:30 15:45	PL5 (30+5min) OL2-6 (12+3min) OL2-7 (12+3min)	OL4-13 (12+3min) OL4-14 (12+3min) OL4-15 (12+3min) OL4-16 (12+3min)	
16:00	16:00	Coffee break2 + Posters (60min)	Coff.br.4+General Assembly (60min)	
17:00	17:00	Registration (60min)		
18:00	18:00 18:15	Opening (15min) PL1 (30+5min)	free time	free time
19:00	18:50 19:25	PL2 (30+5min) PL3 (30+5min)		
20:00	20:00	Welcome Rec. (150min)	Freestyle (150min)	Conference dinner (150min)

EXTENSION: Please use the -> "Abstract Template" -> to submit Abstracts and send it to crocers@fkit.unizg.hr until **28.03.2025**. You will receive the decision by the **31.03.2025**. For Early registration pay by **04.04.2025**. Late registrations are accepted by the **25.04.2023**. The Abstract submissions without Registration will be revoked. If needed, ask for Quotation, otherwise use **IBAN:HR1124020061100882609, BIC:ESBCHR22 (CroCerS – Croatian Ceramic Society – Hrvatsko društvo za keramičke materijale, Trg Marka Marulića 20, VAT:HR88544763635)**; in the description please don't forget to include **Name-Surname-Registration-type (SC-E / SC-L / R-E / R-L / RC-E / RC-L)**. Make sure to cover any fees related to bank transfer. If necessary, ask for VISA Invitation letters.

20 BURSARIES (courtesy of **ECERS JECES TRUST**) are AVAILABLE for registered international ECI participants. Bursaries will be offered according to Abstract quality (up to 500 Eur for travel & accommodation). When sending Abstract, please clearly declare your intention to participate in call for bursaries! Several best presentation AWARDS will be given to ECI. Send an email for more info.

The official Conference language is **English**. You may already see the tentative **AGENDA**. Contributions will be published in **2nd CroCerS 2025 ACDC Book of Abstracts**. Selected Papers will be invited for publication in **Special Issue (Q1 and other Scopus & WoS journals; to be announced)**.

Limited transfers Zg-Ši-Zg will be also possible. Zagreb to Šibenik -> "Promo" -> should be an easy drive, or you can fly to Zadar (~70km) or Split (~50km), wherefrom limited airport transfers will be possible.

You may expect nice weather and a mild touristic situation near one of the most famous Natural Parks in the whole World. Likely, we will have not more than 100 participants, which will allow for an intimate and vibrant networking atmosphere.

Surely, You will have the opportunity to hear great lecturers and communicate with them, so I am very much looking forward to seeing you in Šibenik!



Conference Chair
assoc prof dr Vilko Mandić (FKIT-HR) crocers@fkit.unizg.hr

Conference Secretary
assis prof dr Ivana Panžić (FKIT-HR) crocers@fkit.unizg.hr

International Scientific-Organizing committee Alphabetically
A. Bafti (FKIT-HR), U. Cvelbar (IJS-SI), M.P. Fernandes Graca (UA-PT), L. Čurković (FMENA-HR), M. Erceg (KTF-HR), M. Gaborđi (CFM-ES), G. Hlawacek (HZDR-DE), A. Köck (MCL-AT), F. Radovanović-Perić (FKIT-HR)

Organisation Support (ECerS, FKIT) and Sponsors Alphabetically
Aparatura, Astrinex, Applied Ceramics, AVAK, ECERS, EMUS, ITR-LAB, ITRS, Lach-Ner, Optik Instruments, Ru-Ve, Vigor-Glovebox, VSParticle


