



# 2<sup>ND</sup> ACDC 2025

2<sup>ND</sup> CROCERS CONFERENCE:

Advanced Configurations in Derivative Ceramics

2<sup>nd</sup> International Conference of the Croatian Ceramic Society:

[www.fkit.unizg.hr/CroCerS/2ndCroCerSConference2025](http://www.fkit.unizg.hr/CroCerS/2ndCroCerSConference2025)

30.4.-3.5. 2025.

CIVITAS SACRA  
& HOTEL JADRAN

ŠIBENIK, CROATIA

## TOPICS



### CERAMIC BODIES (I)

bulk, porous, aerogels, shaping, green, composites, properties for ... **biosensors**

### CERAMIC THIN-FILMS (II)

and other configurations, optoelectrical, piezo, for ... **energy conversion devices**

### (III) CERAMIC POWDERS

nanoparticles, core-shell, doping & processing for ... **catalysts and batteries**

### (IV) CERAMICS COMPUTATIONS

with respect to theoretical & design aspects, modelling, for ... **various utility**





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 processionalists 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

- CERAMIC BODIES**  
bulk, porous, aerogels, shaping, green, composites, properties for ... biosensors
- CERAMIC THIN-FILMS**  
and other configurations, optoelectrical, piezo, for ... energy conversion devices
- CERAMIC POWDERS**  
nanoparticles, core-shell, doping & processing for ... catalysts and batteries
- CERAMICS COMPUTATIONS**  
with respect to theoretical & design aspects, modelling, for ... various utility

## PROBABLE PLENARY

**Luis A. Pérez-Maqueda** ICMSE, Spain  
**Finlay D. Morrison** St Andrews, UK  
**Manuel P.F. Graca** UA, Portugal  
**Michal Borysiewicz** IMIF, Poland  
**Yogendra Kumar-Mishra** SDU, Denmark

## PROBABLE WORKSHOPS

Advanced spectroscopy setups (U. Novak)  
Modelling hydration of cements (N. Ukrainczyk)  
Installation of TEM device (J. Marušić)

## PROBABLE INVITED

- Ana Šantić** IRB, Croatia
- Pavel Šiler** BUT, Czech
- Anton Köck** MCL, Austria
- Janez Zavašnik** IJS, Slovenia
- Ivana Panžić** FKIT, Croatia
- Zoran Mandić** FKIT, Croatia
- Benedetta Marmiroli** TUG, Austria
- Andrei Rotaru** UC, Romania

You are cordially invited to participate in the:

# 2 ACDC 2025

**Advanced Ceramics in Derivative Configurations**  
**2<sup>nd</sup> CroCerS Conference**  
**2<sup>nd</sup> International Conference of the**  
**Croatian Ceramic Society**

to be held on **30. April – 3. May 2025.**  
at **Civitas Sacra facilities, Šibenik, Croatia**

[fkit.unizg.hr/CroCerS/2ndCroCerSConference2025](http://fkit.unizg.hr/CroCerS/2ndCroCerSConference2025) how to get there [t.ly/ANjbn](http://t.ly/ANjbn)

## REGISTRATION<sup>a</sup> Early Late

<b>Student Comfort (SC)</b> (all who identify as such)	<b>300 Eur</b>	<b>450 Eur</b>
<b>Regular (R)</b> (all not identifying as students)	<b>300 Eur</b>	<b>450 Eur</b>
<b>Regular Comfort (RC)</b> (all not identifying as students)	<b>500 Eur</b>	<b>650 Eur</b>

## Inclusive

Conference materials + Presentation/Poster + Abstract in Book of Abstracts + <b>Paper in SI (optional)</b> + <b>Accommodation (3 nights) (limited availability)</b> Welcome reception + Break refreshments + Meals + Gala dinner + Sightseeing tour + Transfer from Zagreb (limited)
Conference materials + Presentation/Poster + Abstract in Book of Abstracts + <b>Paper in SI (optional)</b> + <b>Accommodation is NOT included</b> Welcome reception + Break refreshments + Meals + Gala dinner + Sightseeing tour + Transfer from Zagreb (limited)
Conference materials + Presentation/Poster + Abstract in Book of Abstracts + <b>Paper in SI (optional)</b> + <b>Accommodation (3 nights) (limited availability)</b> Welcome reception + Break refreshments + Meals + Gala dinner + Sightseeing tour + Transfer from Zagreb (limited)

<sup>a</sup>All 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		Registration (30min)	Registration (30min)	free time
8:30		OL1-1 (12+3min)	OL3-13 (12+3min)	
8:45		OL1-2 (12+3min)	OL3-14 (12+3min)	
9:00		OL1-3 (12+3min)	OL3-15 (12+3min)	
9:15		OL1-4 (12+3min)	OL3-16 (12+3min)	
9:30		OL1-5 (12+3min)	OL3-17 (12+3min)	
9:45		OL1-6 (12+3min)	OL3-18 (12+3min)	
10:00		Coffee Break1 (30min)	Coffee Break3 (30min)	
10:30		IL1 (20+5min)	IL3 (20+5min)	
10:55		WS1 (20+5min)	WS4 (20+5min)	
11:20		Appl. note (20min)	Appl. note (20min)	free time
11:45		Appl. note (20min)	Appl. note (20min)	
12:00	free time	Lunch1 (85min)	Lunch2 (85min)	
13:25		PL4 (30+5min)	PL5 (30+5min)	
14:00		IL2 (20+5min)	IL3 (20+5min)	
14:25		IL2 (20+5min)	IL4 (20+5min)	
14:50		Tech. break (10m)	Tech. break (10m)	
15:00		OL2-7 (12+3min)	OL4-19 (12+3min)	
15:15		OL2-8 (12+3min)	OL4-20 (12+3min)	
15:30		OL2-9 (12+3min)	OL4-21 (12+3min)	
15:45		OL2-10 (12+3min)	OL4-22 (12+3min)	
16:00		OL2-11 (12+3min)	OL4-23 (12+3min)	
16:15		OL2-12 (12+3min)	OL4-24 (12+3min)	
16:30		Coffee Break2 (30min)	Coffee Break4 (30min)	
17:00	Registration (60min)	Posters (90min)	CroCerS Assembly + Round table (60min)	
18:00	Opening (5 m)		Awards (30min)	
18:05	PL1 (30+5min)			
18:40	PL2 (30+5min)	free time	free time	
19:00	PL3 (30+5min)			free time
20:00	Welcome Rec. (150min)	Conference dinner (150min)	Freestyle (150min)	

Please use the -> "Abstract Template" -> to submit Abstracts and send it to [crocers@fkit.hr](mailto:crocers@fkit.hr) until **15.02.2025**. You will receive the decision by the **28.02.2025**. For Early registration pay by **15.03.2025**. Late registrations are accepted by the **15.04.2023**. The Abstract submissions without Registration will be revoked. If needed, ask for **Quotation**, otherwise use **IBAN:HR1224020061100882609, 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.

For the first ~25 students it will be possible to provide double use hotel rooms. In the case of full capacity, the Student registration without accommodation will be available for **150 Eur (Early) / 350 Eur (Late)** (Payment of 150/350 registration fees will assume you don't want dormitory accommodation). Limited transfers Zg-Du-Zg will be also possible. **Possibly, 20 BURSARIES (courtesy of ECERS JECS TRUST) MAY be AVAILABLE for registered ECI participants. Bursaries will be offered according to Abstract quality; international ECIs will have priority (up to 500 Eur for travel & accommodation) before national ECIs (up to 150 Eur for travel & accommodation).** When sending Abstract, please clearly declare your intention to participate in call for bursaries! Send an email for more info. The official Conference language is **English**. You may already see the tentative **AGENDA**. Contributions will be published in **2<sup>nd</sup> CroCerS2025 ACDC Book of Abstracts**. Selected Papers will be invited for publication in **Special Issue** (Q1 and other Scopus & WoS journals; to be announced).

Zagreb to Šibenik -> "Promo" -> should be an easy drive, or you can fly Zadar (~20km) or Split (~20km). You may expect a comfortable 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 intimate and vibrant networking atmosphere.

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

## Conference Chair

assoc prof dr Vilko Mandić (FKIT, Croatia) [crocers@fkit.hr](mailto:crocers@fkit.hr)

## Conference Secretary

assis prof dr Ivana Panžić (FKIT, Croatia) [crocers@fkit.hr](mailto:crocers@fkit.hr)

## International Scientific-Organizing committee Alphabetically



Arijeta Bafti (FKIT-HR), Uroš Cvelbar (IJS-SI),  
Manuel Pedro Fernandes Graca (UA-PT),  
Lidija Čurković (FMENA-HR), Matko Erceg (KTF-HR),  
Mattia Gaboardi (CFM-ES), Gregor Hlawacek (HZDR-DE),  
Anton Köck (MCL-AT), Floren Radovanović-Perić (FKIT-HR)

## Organisation Support (ECerS) and Sponsors Alphabetically

Aparatura, Astrinex, Applied Ceramics, AVAK, ECERS, EMUS, ITR-LAB, ITRS, Lach-Ner, Optik Instruments, Ru-Ve, Vigor-Glovebox

