

• **Wednesday, 9th November 2022**

20:00 **WELCOME**

• **Thursday, 10th November 2022**

09:00 - 11:00 **Opening Session**

Chairs: D. Zvizdić, V. Popijač, D. Štuhec

Greetings and introduction of CROLAB

- D. Zvizdić /CROLAB/ CRO
- Representatives of ministries, agencies, universities, and guests, SiMER presentation

The role of the CIPM-MRA for economy – The perspective of a NMI

- Kai Stoll-Malke /PTB/ DE
- Climate change and disaster risk management
- B. Ivančan-Picek /DHMZ/ HR
- Why humidity matters?
- D. Zvizdić /FSB/ HR

11:00 - 11:30 **Poster Presentations /Coffee break/**

11:30 - 14:00 **Lectures and Round Table
Club of analytical laboratories**

Chairs: M. Trkmić, V. Popijač, Ž. Zgorelec

The role of analytical laboratory in the recovery of hazardous waste

- S. Petković, /PREMIFAB d.o.o./ HR

pXRF application in soil science

- A. Perčin, D. Kikić, Ž. Zgorelec /AF/ HR

Application of x-ray fluorescence in determining the composition of ash

- M. Trkmić /HEP-Proizvodnja d.o.o./ HR

Collaboration between the Reference Laboratory for Milk and Dairy Products and the State Inspectorate in controlling the quality of milk and dairy products

- J. Špoljarić, Š. Zamberlin, I. Horvat Kesić, D. Plavljančić, B. Radeljević, N. Mikulec /AF/ HR

Determination of wine adulteration using accredited methods in CAAF

- I. V. Petric, R. Leder /HAPIH/ HR

Product innovation 100% of plant origin

- S. Maričić Tarandek, /Zvijezda plus d.o.o./ HR

DISCUSSION

14:00 - 15:00 **Lunch break**

15:00 - 22:00 **Excursion & dinner**

• **Friday, 11th November 2022**

09.00 - 11:00 **Lectures and Round Table
Club of calibration laboratories**

Chairs: M. Katić, L. Grgec Bermanec

Results of the project 17RPT03 of the EURAMET EMPIR programme and the traceability chain based on quantum voltage standards

- D. Ilić, I. Leniček /FER/ HR
- Calibration of piezoelectric displacement generator
- V. Šimunović, G. Baršić, M. Katić /FSB-LPMD/ HR
- First realization and measurements in the triple point of argon
- I. Matas, L. Grgec Bermanec, D. Šestan /FSB-LPM/ HR
- Improving efficiency of compliant linear stages
- M. Horvatek, M. Katić /FSB/ HR

Alternative experimental-analytical methods for determining the optical properties of polymer materials for solar collectors

- P. Filipović, D. Dović, I. Horvat /FSB/ HR

DISCUSSION

11:00 - 11:30 **Coffee break**

11:30 - 14:00 **Lectures and Round Table
Club of testing laboratories**

Chairs: D. Štuhec, V. Živković, I. Dobrilović

Data modeling in risk assessment

- D. Božić, B. Runje /FSB/ HR

The role of the laboratory in the process of renovation of public buildings

- Z. Vlaović /FŠ/ HR

Bathing water quality on the beaches of Kaštela in the 2022 bathing season - impact of the sampling scheme

- T. Puljak, M. Mamić, S. Jozić /NZJZ Splitsko-dalmatinske županije/ HR

Surface resistance of wooden floors

- J. Miklečić, V. Živković, H. Turkulin /FŠ/ HR

Some aspects of the interpretation of results of field tests in geotechnical engineering

- D. Štuhec / Sveučilišni centar Varaždin/ HR

DISCUSSION

14:00 - 15:00 **Lunch break**

15:00 - 17:00 **Poster Section**

Chairs: T. Jakovljević, B. Vojnović, I. V. Petric

17:00 - 19:00 **Annual Assembly**

Chairs: D. Zvizdić, V. Popijač, D. Štuhec

20:00 **Gala Dinner**

• **Saturday, 12th November 2022**

10:00 - 12:30 **FORUM – Accreditation and quality infrastructure; Challenges and news (CRO and countries in the region)**

Moderatori: M. Zečević, D. Zvizdić

Accreditation - news and challenges

- I. Stamenković, L. Drenški, M. Karalić, I. Tminić Ružić /HAA/ HR

Accreditation - an instrument of support to traffic safety

- D. Primorac, K. Balta, /BATA/ BiH

DISCUSSION

12:30 - 13:00 **Conclusions and Closing of the Conference**

CROLAB President prof. D. Zvizdić

● WELCOME

Dear colleagues, I am inviting you to the 17th INTERNATIONAL CONFERENCE "LABORATORY COMPETENCE – Cavtat 2022", which will be held in Cavtat, Dubrovnik from 09 to 12 November 2022. The Conference is dedicated to the role of laboratories in economy. Our desire is to establish cooperation and contacts between CROLAB laboratories and with administration bodies, governmental bodies of neighbouring and other countries - members and future members of the EU. We are looking forward to seeing you!

Prof. Davor Zvizdić Ph.D. CROLAB President

● INTERNATIONAL PROGRAMME COMMITTEE (IPC)

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Mr. sc. D. Primorac (BATA) BiH
Prof. dr. sc. B. Runje (FSB) CRO
I. Sabljak, mag. ing. techn. aliment., univ. spec. (Eurofins Croatiakontrola d.o.o.) CRO
O. Štajdohar-Pađen, dipl. ing. CRO
Mr. sc. M. Trajkovska Trpevska (MAKLAB) MK
Dr. sc. M. Trkmić (HEP-Proizvodnja d.o.o.) CRO
Mr. sc. M. Zečević (HAA) CRO
P. Moscatti (EUROLAB) I
Vicki Barwick (EURACHEM) UK

● NATIONAL ORGANIZING COMMITTEE (NOC)

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V. Mucko, dipl. ing. CRO
Dr. sc. A. Rakić (Public Health Institute of Split-Dalmatia Country)
Izv. prof. dr. sc. Š. Ukić, (FKIT), CRO
Prof. dr. sc. Ž. Zgorelec (AF) CRO

● CONFERENCE PROGRAM

- Plenary speakers and oral presentations
 - Round tables
 - Poster presentations with short oral presentations
 - Exhibition of laboratory equipment and literature
- Official Conference languages are Croatian and English

● TOPICS

- Activities and news in testing, calibration and analytical laboratories and inspection and certification bodies.
- Role and position of laboratories in Croatia, region and EU
- Cooperation with ministries, governmental agencies (accreditation, metrology, standards), universities and institutes

● REGISTRATION FEE

1. 270€ + VAT
 2. 210€ + VAT for CROLAB members
 3. 160€ + VAT for students, research assistants, retired people
 4. 130€ + VAT Accompanying persons fee
 5. 130€ + VAT 1day fee
 6. Lecturer's (first author) admission fee is lowered by 20 % (210€ + VAT, CROLAB member 170€ + VAT)
- VAT is 25%. Registration fees paid after 05 November 2022 will be 30% higher.

The fee includes: Book of summaries, Book of proceedings on CD, and/or publication in "CROLAB Glasilo", and other organizational costs.

The fee has to be paid to the following account number:

IBAN: HR8623600001101693588, Zagrebačbanka d.d., Trg bana Josipa Jelačića 10, 10000 Zagreb, Croatia, with the participant's name and surname and the purpose of payment: "For the CROLAB Conference 2022".

CROLAB's OIB number: **94462158597**

● REGISTRATION, CONTACTS AND DEADLINES

Online registration for the conference is available on the website www.crolab.hr. Please register as soon as you can in order for us to better organize the conference. Please send Abstract of your work in English for the Book of Abstracts and full papers for publication in Conference proceedings by 05 October 2022 at the latest.

Abstracts of all lectures and posters will be included in the Book of Abstracts. The Papers will be peer-reviewed and published in Conference Proceedings. Abstracts are required, and papers are optional. Poster dimensions are 90x100cm.

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● ACCOMMODATION

Conference attendees and accompanying persons will benefit from very favourable accommodation rates that we secured in hotel Croatia. Participants are kindly requested to book their accommodation directly at the hotel until 5 November 2022, with the note "CROLAB2022".

Hotel Croatia Cavtat, ADRIATIC LUXURY HOTELS, Vukovarska 17, 20000 Dubrovnik, Croatia; web:

www.adriaticluxuryhotels.com; telefon: +385 20 300 332

e-mail: lina.martinovic@alh.hr



HRVATSKI LABORATORIJI
CROATIAN LABORATORIES
LABORATORIA CROATICA



17th INTERNATIONAL CONFERENCE

**LABORATORY
COMPETENCE 2022**

9 – 12 NOVEMBER 2022

**HOTEL CROATIA
CAVTAT – DUBROVNIK – HRVATSKA**

**AUSPICES
MINGOR, MP, MZO, HGK, DHMZ, DZM, HAA, HIS**