

• Wednesday, 23rd October 2024

17:00 – 19:00 **WORKSHOP: Team work in the laboratory**

- **Leader: Olga Štajdohar-Pađen /CROLAB/ CRO**

20:00 **WELCOME**

• Thursday, 24th October 2024

10:00 - 11:30 **Opening Session - Hall 1**

Chairs: V. Živković, V. Popijač, T. Jakovljević

Greetings and introduction of CROLAB

- **V. Živković /CROLAB/ CRO**
- **Representatives of ministries, agencies, universities, and guests**

Digitalization and Sustainability Management: The Human Factor

- **P. Moscatti /EUROLAB/ I**

How Does EUROLAB Work in Brussels?

- **L. Martin /EUROLAB/ B**

The role of laboratories in Brijuni national park project

- **P. Markoč /NP Brijuni/ CRO**

11:30 - 12:00 /Coffee break/Photo/Poster Presentations /

12:00 – 12:30 **ROUND TABLE – Hall1**

Digitization as a modernization of laboratory processes in the management of quality systems

- **Moderator: I. Sabljak /Eurofins Croatiakontrola d.o.o./ CRO**

12:30 - 14:00 **Lectures**

Club of analytical laboratories – Hall 1

Chairs: I. V. Petric, V. Popijač, Ž. Zgorelec

EURACHEM's Year in Review – Highlights and Achievements

- **M. Trkmić /HEP-Proizvodnja d.o.o./ CRO**

Quality Key Performance Indicators

- **I. Sabljak /Eurofins Croatiakontrola d.o.o./ CRO**

Determination of homogeneity and stability of reference raw milk samples for proficiency testing

- **Š. Zamberlin /AF/ CRO**

Practical application and universality of DNA barcoding to distinguish various organisms within forest ecosystems

- **N. Celepirović /HŠI/ CRO**

Conformity assessment and placing the product on the market

- **M. Mačković /Fiditas d.o.o./ CRO**

DISCUSSION

12.30 - 14:00 **Lectures and Round Table**
Club of calibration laboratories –Hall 2

Chairs: M. Katić, L. Grgec Bermanec

Development activities to ensure metrological traceability of precise length measurements in industry1

- **R. Klobučar /Univerza v Mariboru, Fakulteta za strojništvo/ SLO**

Temperature-and humidity-controlled enclosures–calibration and comparison methods

- **I. Matas /FSB-LPM/ CRO**

Reference calibration and measurement capabilities for flow rate of various gases

- **J. Kutin /Univerza v Ljubljani, Fakulteta za strojništvo/ SLO**

Development of a 1D Measurement System – Acquisition System for Linear sustav Interferometers

- **M. Horvatek /FSB/ CRO**

EURAMET SensMonCT project – calibration of measuring CT scanner

- **M. Katić /FSB/ CRO**

DISCUSSION

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

15:00 - 15:45 **Lectures -Hall1**

Chairs: O. Štajdohar-Pađen, M. Trkmić

Reaccreditation of the Croatian Institute of Transfusion

Medicine Laboratory according to the HRN EN ISO 15189:2022

- **Ružica Štimac /HZTM/ CRO**

IMROH new irradiation facilities as a base for developing

Sterile Insect Technologies to fight invasive species in Croatia

- **I. Prlić /IMI/ CRO**

16:00 - 22:00 **Excursion & dinner**

• Friday, 25th October 2024

09:30 - 10:15 **Cybersecurity**

Chairs: Z. Grgić, I. Sabljak

The basics of cybersecurity

- **D. Tuličić /Fakultet organizacije i informatike/ CRO**

Accreditation in field of cybersecurity

- **I. Stamenković /HAA/ CRO**

DISCUSSION

10:15 - 11:00 **Informational lectures**

Chairs: Z. Grgić, I. Sabljak

Ensuring the authenticity and irrefutability of test results

- **D. Raos /Pardus d.o.o./ CRO**

Innovation Synergy: LabSense's Role in Collaboration with Scientific Institutions

- **M. Kaselj /LabSense d.o.o./ CRO**

Two-in-one solution for microplastic analysis

- **A. Petrov /Shimadzu d.o.o./ CRO**

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

11:30 - 12:30 **Poster Section**

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

12:30 - 14:00 **Lectures and Round Table**
Club of testing laboratories

Chairs: D. Štuhec, V. Živković

Proficiency testing in the field of water supply and drainage

- **Z. Grgić /Infratech d.o.o./ CRO**

The presence of drugs or psychotropic substance around us – laboratory view

- **A. Krivohlavek / / CRO**

The role of laboratories in circular economy

- **O. Štajdohar-Pađen /CROLAB/ CRO**

The cost of wrong decision

- **D. Božić /FSB/ CRO**

Challenges in the analysis of microplastic particles in wastewater after washing of polyester textiles

- **B. Vojnović /TTF/ CRO**

DISCUSSION

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

15:00 - 16:45 **FORUM**

Novelties / challenges in the field of accreditation

Moderator: M. Zečević

The role of accreditations bodies in climate action-ETS, ESG and CBAM mechanisms

- **S. Chokrevski /IARNM / RNM**

DISCUSSION

16:45 - 17:00 **Conclusions and Closing of the Conference**

CROLAB President V. Živković

● WELCOME

Dear colleagues, we are inviting you to the 19th INTERNATIONAL CONFERENCE "LABORATORY COMPETENCE – Brijuni 2024", from 23 to 25 October 2024. 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!

CROLAB

● INTERNATIONAL PROGRAMME COMMITTEE (IPC)

Izv. prof. dr. sc. V. Živković, President (SF) CRO

Prof. dr. sc. Š. Cerjan Stefanović, dopredsjednica, HR

E. Zobaj, struč. spec. ing. sec. (DHMZ), Vicepresident, CRO

D. Štuhec, dipl. ing., Vicepresident, CRO

B. Abramović, dipl. ing. (Ekoneg) CRO

MSc. G. Bajić (Zavod za metrologiju) MN

Prof. dr. sc. S. Babić (FKIT) CRO

Č. Belić, dipl. ing. (DMDM) RS

I. Božičević, dipl. ing. (HZN) CRO

M. Sc. S. Chokrevski (IARNM) RNM

S. Mihelic, spec. oec. (HGK) CRO

Prof. dr. sc. L. Grgec Bermanec (FSB) CRO

Prof. dr. sc. I. Jakaša (PBF) CRO

D. Benčić Rudan, dipl. ing. (Županijska komora Pula) CRO

Doc. dr. sc. M. Katić (FSB) CRO

Dr. S. Kopač (SMI) SLO

Prof. dr. sc. O. Koprivnjak (MF Sveučilišta u Rijeci) CRO

Prof. dr. sc. D. Kovačević (PBF, Osijek) CRO

Prof. dr. sc. V. Krstelj (HIS) CRO

Dr. sc. A. Krivohlavek (NZJZ Dr. A. Štampar) CRO

I. Lasić, mag. phys. (DARNS) BiH

dr. sc. T. Masten Milek (JU Zeleni prsten Zagrebačke županije) CRO

Izv. prof. dr. sc. N. Mikulec (AF) CRO

B. Novosel, dipl. oec. (DZM) CRO

Mr. sc. V. Popijač (Podravka d.d.) CRO

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

dr. sc. R. Štimac (Hrvatski zavod za transfuzijsku medicinu) CRO

Mr. sc. M. Trajkovska Trpevska (MAKLAB) MK

Dr. sc. M. Trkmić (HEP-Proizvodnja d.o.o.) CRO

Prof. dr. sc. B. Vojnović (TTF) CRO

Mr. sc. M. Zečević (HAA) CRO

P. Moscatti (EUROLAB) I

Isabelle Verucruysee (EURACHEM) BE

● NATIONAL ORGANIZING COMMITTEE (NOC)

M. Povodnik, ing., President, (Mirta-Kontrol d.o.o.) CRO

Dr. sc. I. V. Petric, Vicepresident, (HAPIH) CRO

Dr. sc. T. Jakovljević, Vicepresident, (HSI) CRO

M. Mačković, dipl. ing., Vicepresident, (Fiditas d.o.o.) CRO

Z. Grgić, dipl. ing. (Infratech d.o.o.) CRO

I. Ivić, dipl. ing. (HZN) CRO

S. Kalšan, dipl. ing. (Koestlin d.d.) CRO

dr. sc. P. Lepri (DHMZ) CRO

Mr. sc. S. Ljubenko, dipl. ing. (HZJZ) CRO

R. Mertz, dipl. ing. CRO

Mr. sc. S. Maričić Tarandek (Zvijezda plus d.o.o.) CRO

Dr. sc. A. Rakić (Public Health Institute of Split-Dalmatia Country)

Doc. dr. sc. D. Šestan, (FSB) 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

350€ + VAT

300€ + VAT for CROLAB members

250€ + VAT for students, research assistants, retired people

200€ + VAT Accompanying persons fee

200€ + VAT 1day fee

Lecturer's (first author) admission fee is lowered by 20 %

(280€ + VAT, CROLAB member 240€ + VAT)

VAT is 25%.

The fee includes: Book of summaries, Book of proceedings and other organizational costs.

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

IBAN: HR862360001101693588, 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 2024".

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 10 September 2024 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. Contact person: Mladenka Crneković, M.Eng.M.E.

tel: +385 914111570

e-mail: tajnistvo@crolab.hr; web: www.crolab.hr

Address: CROLAB, Berislavićeva 6, CRO-10000 Zagreb

● ACCOMMODATION

Conference attendees and accompanying persons will benefit from very favourable accommodation rates that we secured in hotels Istria and Neptun. Participants are kindly requested to book their accommodation on-line on www.crolab.hr until 15 September 2024, with the note "CROLAB2024". Hotel Neptun, NP Brijuni, Brionska 10, 52212 Fažana web: www.np-brijuni.hr; phone: +385 99 529 3142 e-mail: mira.parlov@np-brijuni.hr



HRVATSKI LABORATORIJI
CROATIAN LABORATORIES
LABORATORIA CROATICA



19th INTERNATIONAL CONFERENCE

**LABORATORY
COMPETENCE 2024**

23 – 25 OCTOBER 2024

**HOTELS NEPTUN & ISTRIA
BRIJUNI ARCHIPELAGO – ISTRIA – CROATIA**

**AUSPICES
MP, MZ, MZOM, MINGO, DHMZ, DZM, HGK, HAA, HIS**