



# BUILD YOUR OWN CAPILLARY ELECTROPHORESIS INSTRUMENT

COST WORKSHOP, Brno, October 15-16, 2018



32 participants from 14 countries

10 invited speakers

Workshop will cover the topics:

Capillary electrophoresis

Detectors (UV, conductivity, fluorescence)

Portable CE instrumentation

Instrument control

Data acquisition

Simulations

Applications (clinical, forensic, space)

Rountable discussion

MONDAY, October 15, 2018

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8:00-14:00	Registration	14:00-14:45	<b>Roland Fuiko</b> <i>Institute for Water Quality and Resource Management, TU Wien, Vienna, Austria</i> <b>Instrumentino – A practical approach for fast setup, control and monitoring of experimental CE instruments</b>
8:30-8:45	Opening remarks (Petr Kubáň, Guillaume Erny)		
8:45-9:00	<b>Petr Kubáň</b> <i>CEITEC Masaryk University/Academy of Sciences of the Czech Republic</i> <b>Introduction to Capillary Electrophoresis: Build your own CE instrument</b>	14:45-15:15	<b>Petr Kubáň</b> <i>CEITEC Masaryk University/Academy of Sciences of the Czech Republic, Brno, Czech Republic</i> <b>Open source data acquisition systems</b>
9:00-9:45	<b>Peter C. Hauser</b> <i>Department of Analytical Chemistry, University of Basel, Basel, Switzerland</i> <b>UV/Vis- and Conductivity Detectors for Capillary Electrophoresis</b>		
9:45-10:30	<b>Kelliton José Mendonça Francisco, Claudimir Lucio do Lago</b> <i>University of São Paulo, São Paulo, Brazil</i> <b>An open C<sup>4</sup>D for capillary electrophoresis</b>	15:15-16:00	<b>Guillaume Erny</b> <i>Faculty of Engineering of the University of Porto, Porto, Portugal</i> <b>How to promote OpenCE instruments using the COST networking tools</b> (roundtable discussion)
10:30-11:00	Coffee break		
11:00-11:45	<b>Jan Příklad</b> <i>Academy of Sciences of the Czech Republic, Brno, Czech Republic</i> <b>3D printed LEDIF detector for CE</b>	16:00-18:00	Visit to Mendel Museum, only registered invited speakers
11:45-12:30	<b>Mihkel Kaljurand</b> <i>Department of Chemistry and Biochemistry, Tallinn University of Technology, Tallinn, Estonia</i> <b>Using portable CE instruments for in-situ determining of banned compounds</b>	19:00 - ?	Gala dinner, hotel Continental
12:30-14:00	Lunch		

**MENDEL MUSEUM PARTICIPANTS**  
**Meet at 16:10 in the lobby**

TUESDAY, October 16, 2018

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9:00-9:45

***Bohuslav Gaš***

*Faculty of Science, Charles University, Prague, Czech Republic*

**Method Development in CE using computer tools**

9:45-10:15

***Petr Tůma***

*Charles University, Third Faculty of Medicine, Prague, Czech Republic*

**Application of Capillary Electrophoresis with Contactless**

**Conductivity Detection in Analysis of Clinical Samples**

10:15-11:00

Coffee break

11:00-11:45

***Michał Woźniakiewicz***

*Faculty of Chemistry, Jagiellonian University in Kraków, Krakow, Poland*

**Application of CE in forensic analysis**

11:45-12:30

***Jelena Gorbatšova, Mihkel Kaljurand***

*Department of Chemistry and Biochemistry, Tallinn University of Technology,*

*Tallinn, Estonia*

**Challenges for portable analyzers space**

12:30-12:45

Closing remarks

12:45-14:00

Lunch, discussions

This information is collected for the purpose of checking eligibility for reimbursement of your expenses under the COST Vademecum rules (article 6.1.b of the GDPR) and, when the meeting takes place in COST premises, for safety purposes in compliance with our legal obligations under Belgian law (article 6.1.c of the GDPR). It will be kept for the duration of COST audit obligations as mentioned in the Action Grant Agreement and in the privacy notice for e-COST. It won't be transferred to any third party except in case of use for safety purposes where it will be transferred to the landlord of the premises and emergency services.

## MEETING ATTENDANCE LIST

<b>Meeting Title: BUILD YOUR OWN CAPILLARY ELECTROPHORESIS INSTRUMENT</b>		Start Date: 2018-10-15	End Date: 2018-10-16
<b>Meeting Reference: ECOST-MEETING-CA16215-151018-100484</b>		Action Number: CA16215	
Grant Holder: Ms Liliana Coelho	E-mail: projetos@fe.up.pt	Tel: +351220413530	

Nr	Participant	Country	Signature 15/10/2018	Signature 16/10/2018
1	Adilovic, Muhamed <i>madilovic@ius.edu.ba</i>	BA		
2	Dosedelova, Vera <i>vera.dosedelova@gmail.com</i>	CZ		
3	Ermy, Guillaume <i>guillaume@fe.up.pt</i>	PT		
4	Farrugia, Clayton <i>clayton.farrugia.29@gmail.com</i>	MT		
5	Foret, Frantisek <i>foret@iach.cz</i>	CZ		



## Gala dinner:

The cost for the conference dinner is 20 EUR. The vouchers could be purchased during registration. The buffet style dinner will be on Monday, Oct 15 at 7 pm. The location is the same as lunches, the hotel restaurant on the ground floor. Your dinner cost will be reimbursed by COST Association at a flat rate of 20 EUR, no bills asked.



## Reimbursement:

Registered participants with approved budget only

Flight, up to 3 nights at flat rate of 80 EUR, 2 meals per day at 20 EUR

Claim on-line within 30 days from the end of the Workshop






Please refer to COST VADEMECUM, Section 5, for claiming the reimbursement of your travel, accommodation and meals, when applicable.

<http://www.cost.eu/VADEMECUM>

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## Předpověď počasí pro Brno

<b>Sobota</b> 13. 10. 2018	<b>Neděle</b> 14. 10. 2018	<b>Pondělí</b> 15. 10. 2018	<b>Úterý</b> 16. 10. 2018	<b>Středa</b> 17. 10. 2018
				
<b>5 h: 10°C</b>	<b>0 h: 13°C</b>	<b>0 h: 13°C</b>	<b>2 h: 12°C</b>	<b>2 h: 11°C</b>
<b>7 h: 10°C</b>	<b>6 h: 11°C</b>	<b>6 h: 11°C</b>	<b>8 h: 11°C</b>	<b>8 h: 10°C</b>
<b>12 h: 20°C</b>	<b>12 h: 20°C</b>	<b>12 h: 18°C</b>	<b>14 h: 19°C</b>	<b>14 h: 20°C</b>
<b>18 h: 17°C</b>	<b>18 h: 18°C</b>	<b>20 h: 14°C</b>	<b>20 h: 14°C</b>	<b>20 h: 13°C</b>

Weather forecast from yr.no, delivered by the Norwegian Meteorological Institute and the NRK