

ICA2017 – SPECTROPHOTOMETRY WORKSHOP

Schedule and practical information

PRACTICAL INFORMATION

Location

Pavillon La Laurentienne – Room 1415.

6 minute walk from bus station Université Laval. See campus map below.

[Public transit - RTC website](#)
([google map](#))

Address

Pavillon La Laurentienne,
1030 Avenue du Séminaire,
Ville de Québec, QC G1V 0A6.

Internet

The guest **WIFI network** is Wi-Fi_UL . No password is needed, simply connect to your browser and accept the conditions of use. Eduroam is also available throughout campus.

Coffee breaks: included

Lunch break: not included. Recommended option:

- Join us at the cafeteria on campus (Pavillon Desjardins).
- 3 menu options every day.
- For about 10 CAD you have soup, main dish (vegetarian or not) and dessert.
- Menu can be consulted about one week in advance here:
<http://cadeul.com/saveurscampus/menu.php>

SCHEDULE

- 08:45-09:00** **Welcome / Introduction round**
Kris Villez (Eawag, Switzerland)
- 09:00-09:30** **Spectrophotometry: A gentle introduction**
Kris Villez (Eawag, Switzerland)
- 09:30-10:00** **Opportunities and challenges of spectrophotometry in the water industry: field experiences using UV/Vis sensors in on-line monitoring of water systems**
Janelcy Alferes (Suez, France)
- 10:00-10:30** **Coffee**
- 10:30-11:00** **Latest developments**
Andreas Weingartner (s::can Messtechnik GmbH, Austria)
- 11:00-11:30** **The use of UV-VIS spectrometer probes to estimate additional loads drained by the central storage tunnel Graz to the WWTP Graz, Austria**
Günter Gruber (TU Graz, Austria)
- 11:30-12:15** **Discussion**
- 12:15-13:45** **Lunch**
- 13:45-14:10** **IR and online UV-vis for VFA and algae monitoring**
Gerardo Muñoz Montoya (Universidad Nacional Autónoma de México, Mexico)
- 14:10-15:05** **UV-vis spectrophotometry for wastewater resource recovery with algae bioreactors**
Borja Valverde Pérez (DTU, Denmark)
- 15:05-15:30** **Spectrophotometry in high strength wastewater treatment: Tracking the sensor state & observation of relevant backscattering effects**
Christian Thürlimann (Eawag, Switzerland)
- 15:30-16:00** **Coffee**
- 16:00-16:30** **Infrared spectroscopy and modeling for optimization of anaerobic digesters**
Jean-Philippe Steyer (INRA-LBE, France)
- 16:30-17:00** **Open discussion: Actions – Collaborations – Issues – Opportunities**

MAPS

