

## *Research Workshop on Hydropower (incl. Trip to Hydropower Plant)* *3 to 4 April 2019*

*Hydropower represents the largest renewable energy source in Europe accounting for more than 14% of total primary energy production of renewable energy in the EU-28 in 2016 and more than 300 TWh p.a. (approx. 35%) of total electricity production. Moreover, hydropower provides important large-scale storage capacity to stabilize European electricity grids. This 2-day event aims at exchanging existing academic knowledge and best practices on electricity production from hydropower between three different countries: Austria, Switzerland and Iceland. By bringing together different disciplines and perspectives (e.g. environmental engineering, energy modelling, management, environmental psychology) an essential part of the workshop is to translate different insights and synergies into concrete initiatives for future research collaborations.*

### **Agenda:**

#### *Wed 3 April 2019 – Research Workshop*

09:00 – 09:20	Welcome & Introduction
09:20 – 10:00	David C. Finger (Reykjavik University, Iceland): <i>Hydropower and its ecological advantages and impacts: Case studies from Iceland and Switzerland</i>
10:00 – 10:40	Hlynur Stefánsson (Reykjavik University, Iceland): <i>Using hydropower to shift towards fossil free e-mobility in Iceland</i>
10:40 – 11:00	Break
11:00 – 11:40	Bernd Hollauf (VERBUND Hydro Power GmbH): <i>Growing opportunities through digitalisation: VERBUND's innovation programme "Digital Hydro Power Plant"</i>
11:40 – 12:20	Martin Rene Hernah (KELAG AG): <i>Hydro Power at KELAG – Maintenance and Digitalisation</i>
12:30 – 14:00	Lunch Break (Restaurant HOTSPOT, Lakeside B06, EG West)
14:00 – 14:40	Franco Romerio-Giudici (University of Geneva, Switzerland): <i>Hydropower's future in light of energy turnaround and market liberalization: The Swiss experience</i>
14:40 – 15:20	Nina Hampl (Alpen-Adria-Universität Klagenfurt, Austria): <i>Social acceptance of renewable energy technologies: A focus on hydropower</i>
15:20 – 15:30	Break
15:30 – 16:30	Discussion of future research directions & potential collaborations
16:30 – 17:00	Synthesis & outlook
18:00 – 20:00	Dinner at "Osteria Panta Rhei", Universitätsstraße 25, Klagenfurt ( <i>optional</i> )

#### *Thu 4 April 2019 – Trip to hydropower plant*

08:00	<i>Departure:</i> bus station at the university (in front of main entrance) – <i>see page 3!</i>
09:30 – 11:00	Guided tour ( <i>in English</i> ) at VERBUND hydropower plant Reißeck, Kolbnitz
approx. 12:30	<i>Arrival:</i> bus station at the university

### **Venue:**

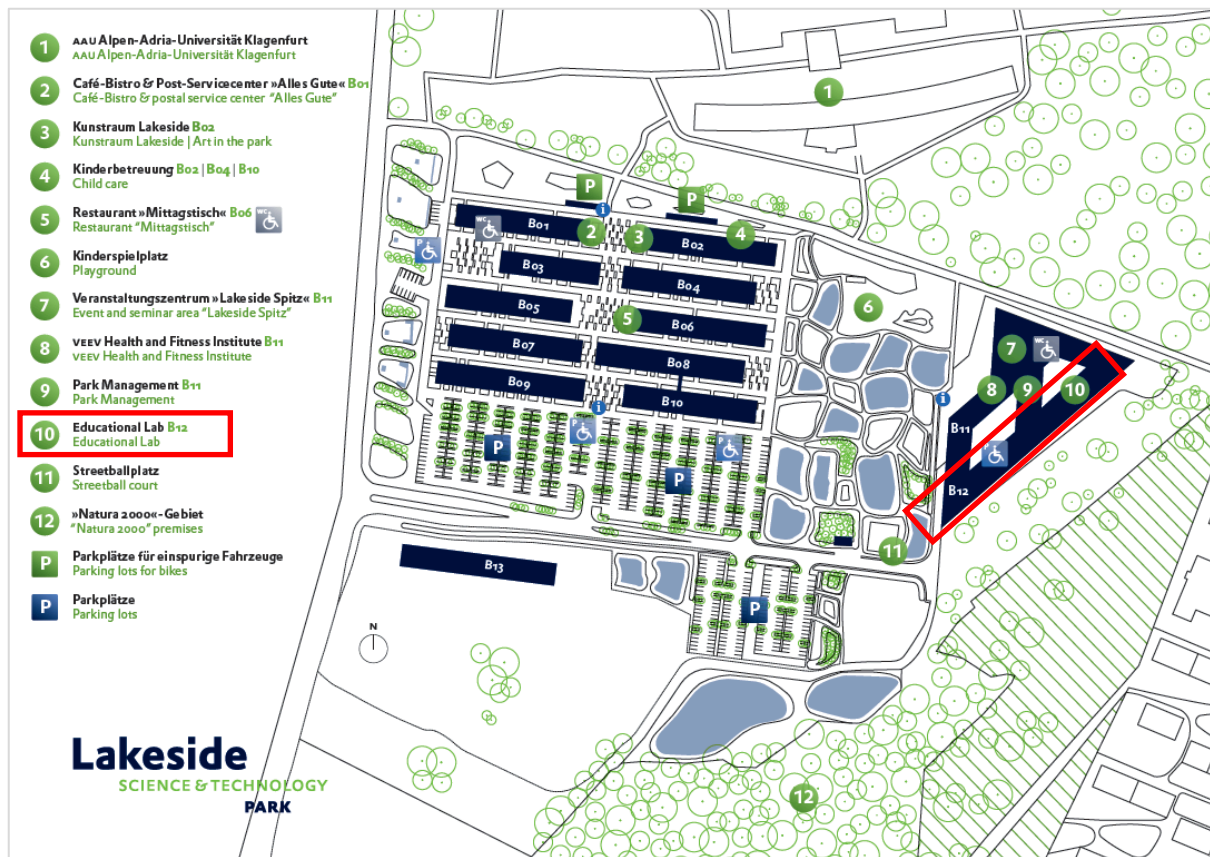
Alpen-Adria-Universität Klagenfurt  
Universitätsstraße 65-67  
9020 Klagenfurt, Austria  
Route: <https://www.aau.at/en/university/services-contact/> – *see page 2 for details on transportation!*  
Building: Lakeside Science & Technology Park, "Educational Lab" B12 – map: [https://www.lakeside-scitec.com/fileadmin/user\\_upload/181002\\_LSTP\\_Lageplan\\_1.4\\_4c\\_300dpi.pdf](https://www.lakeside-scitec.com/fileadmin/user_upload/181002_LSTP_Lageplan_1.4_4c_300dpi.pdf) or *see page 2!*  
Room: B12.2.21

### **Organizers & moderators:**

Prof. Dr. Nina Hampl (Alpen-Adria-Universität Klagenfurt, E-Mail: [nina.hampl@aau.at](mailto:nina.hampl@aau.at), +43 676 82134864)  
Ass.-Prof. Dr. David C. Finger (Reykjavik University, E-Mail: [davidf@ru.is](mailto:davidf@ru.is))

### **Administration:**

Andrea Rathofer-Kramer (Alpen-Adria-Universität Klagenfurt, E-Mail: [andrea.rathofer-kramer@aau.at](mailto:andrea.rathofer-kramer@aau.at), +43 463 2700 4086)



**Transportation:**

- **Plane:** if you arrive at Klagenfurt Airport the easiest way is to take a cap to the university campus; if you arrive at Vienna International Airport you can take a train from the airport to Vienna main station and from there to Klagenfurt main station (approx. 4 hours train ride)
- **Bus:** from Klagenfurt main station (train) or from Heiligengeistplatz (city center) take the bus line 81 (direction: Krottendorf) and get off at “Universität” ([https://www.stw.at/fileadmin/user\\_upload/pdf/Mobilitaet/Mobilitaet\\_2017/TagLinie-81\\_-HBF-Heiligengeistplatz-Universitaet-Krottendorf-retour.pdf](https://www.stw.at/fileadmin/user_upload/pdf/Mobilitaet/Mobilitaet_2017/TagLinie-81_-HBF-Heiligengeistplatz-Universitaet-Krottendorf-retour.pdf)); you can buy the ticket at the bus driver
- **Train:** if you arrive at Klagenfurt main station the easiest way is to take the bus (see above); alternatively, you can take another train to the station “Klagenfurt West”, from there it is an approx. 15 min walk to the university campus
- **Car:** if you travel by car, please contact [andrea.rathofer-kramer@aau.at](mailto:andrea.rathofer-kramer@aau.at) for a free parking permit and further details on parking at the university campus

If you need any further help and/or hotel recommendations, please contact [andrea.rathofer-kramer@aau.at](mailto:andrea.rathofer-kramer@aau.at).

## Meeting point trip to hydropower plant → bus station at the university (in front of the main entrance)

