

### Monday 25.11.2019

Bus transportation from Scandic Hämeenlinna City to HAMK  
Departure from hotel: 18.30. Departure from HAMK: 21.00

**19.00 Networking Evening & Get Together Cocktails**  
(Häme University of Applied Sciences, Hämeenlinna)

### Tuesday 26.11.2019

**HAMK (Häme University of Applied Sciences, Hämeenlinna University Centre)**

09.30 Bus transportation from Scandic Hämeenlinna City to HAMK

10.00 Registratio (Auditorium C-building)

10.30 Welcome

**11.00 Keynote presentation:**

Sirpa Pietikäinen, Finnish Member of the European Parliament; "There is no planet B" (video address from Brussels)

12.00 Lunch

**13.00 – 16.30 Parallel sessions**

#### Auditorium C-building

**13 – 14.30 Session 1.1 Environment and Digital Policies** – Chair: Mervi Friman

1. How to enhance sustainability in higher education institute – case HAMK, Juuso Puurula, HAMK
2. Smart Tavastia 2018–2021 introduction of smart specialization strategy of Häme Region - towards sustainable regional development, Minna Takala & Marko Mälly, Regional Council of Häme
3. PoliRural - Future oriented collaborative policy development for rural areas and people, Petra Korkiakoski, HAMK Bio
4. Circular economy: an approach for organic waste management in Brazilian urban areas, Vanusca Dalosto Jahno, Feevale University, Brazil

**14.30 Coffee Break**

**15.00 - 16.30 Session 1.2 Water and Blue Economy** - Chair: Fernando Spilki

1. Are our water services resilient in the changing world? Harri Mattila, HAMK
2. Detection of enteric viruses in water samples: the advances and challenges over the last years, Fernando Rosado Spilki, Feevale University
3. Application of ozone to reverse osmosis concentrate treatment in municipal wastewater, Elisa Schoenell, Feevale University (online presentation)
4. The application of beneficial biofilms during commissioning of new drinking water PE pipes in Aarhus, Denmark, Torben Lund Skovhus & Ditte A. Søborg, VIA University College (online presentation)

**16.30 – 17.00 Wrap up and conclusions**

**18.15 Häme Castle, guided tour**

**19.00 Networking dinner, Häme Castle**

#### Room 301 S-building

**13.00 – 14.30 Session 2.1 Wellbeing** - Chari: Pia Tamminen

1. The 'Mediated Housing' concept: Defining a societally sustainable living environment for ageing well, Marina Weck & Katariina Välikangas, HAMK
2. Finding affordances through exploring and learning together, Pia Tamminen, HAMK Smart
3. Sustainable care in Brazil, Denmark and Finland, Katja Valkama, HAMK
4. Lifelong learning and teaching: a learning design approach to foster educational practices with technologies, Patrícia Scherer Bassani, Feevale University
5. Comparative study of home care digitalization for elderly people in Brazil and Finland, Piia Holmström & siis Minna Korpela-Lämsä, HAMK

**14.30 Coffee break**

**15.00 – 16.30 Session 2.2 Osiris** - Chari: Pia Tamminen

1. Active ageing in consumption society: Is it a new way to economic growth or to increase the quality of living? Bazueva Svetlana, ITMO University Saint Petersburg & Klimshina Elena, St. Petersburg Technopark
2. Opportunities of healthy aging in Latvia, Egils Rupeks, Representing Riga Technical University, Latvia
3. Exploration of the needs for welfare technologies in ageing society perspectives from knowledge institutions, Bodil Sørensen, VIA University College
4. Exploration of the needs for welfare technologies in ageing society Perspectives from end-user representatives, Heidi Hundrup Rasmussen & Kirsten Maibom, VIA University College

**16.30 – 17.30 Interreg BSR OSIRIS Steering Committee Meeting**

**17.40 Bus transportation from HAMK to Häme Castle via Scandic Hämeenlinna City (10 min stop)**



## #BAK19

Wednesday 27.11.2019

08.30 Bus transportation from Scandic  
Hämeenlinna City (Kasarmikatu 6) to HAMK

### BAK19 Seminar Auditorium C-building

9.00 – 10.30 Session 1 Digitalization, Chair: Iivari Kunttu

1. State of the art of waste wood in Finland, Nina Kokkonen HAMK Bio 9-9.20
1. Use of microalgae for nutrient recycling from leachate of waste treatment area, Jarkko Nummela, HAMK Bio (9.20-9.35)
  2. A practical tool for farmers to measure suspended sediment load in fast flowing mountain streams, Gert Hattingh, HAMK Smart (9.35-9.50)
  3. Digitalization in the Building Industry, Mads Dines Petersen, VIA University College (9.55-10.10)
  4. Barn 4.0 – continuous monitoring of barn conditions, Olli Koskela, HAMK Smart (10.10 – 10.25)
  5. Cow behavior monitoring by using computer vision-based scene recognition, Leonardo Penitez Pereira, HAMK Smart (10.20-10.40)

### 10.45 Coffee break

11.00 – 12.30 Session 2 Biochar, Chair: Mona Riihimäki

6. Circular fertilizers in broccoli production, Eva-Liisa Juvonen, HAMK Bio
  7. Carbon Lane – Carbon drawdown in urban areas project, Esko Salo, Aalto University
  8. Biochar –research portfolio at HAMK, Maritta Kymäläinen, HAMK Bio
- 4.1 Group discussion on Biochar

### 12.30-13.00 Joint programme continues:

**KEYNOTE:** Natural colourants - revisiting ancient technologies for sustainability, Päivi Laaksonen, HAMK Tech

### 13.00 Wrap up and conclusions

### 13.15 Lunch

14.00 - 15.00 Extra curriculum guided tour in Design Factory

### OSIRIS Room 313 S-building

9.00-11.00 Interreg BSR OSIRIS Project: Transnational Peer Review Seminar III

### *Implementation of the Regional Research & Innovation Strategies for Smart Specialisation (RIS3)*

WP2 – Analysis of regional/national Silver Economy profiles, interregional learning and knowledge transfer – A 2.1, 2.2. and 2.3  
– Presentation of Results from Estonia  
– Presentation of Results from Finland

### 11.00 – Coffee break

### 11.30 – Thematic session:

1. Funding schemes and financing mechanism for supporting innovation and smart specialization projects

### 13.00 – Lunch

### 14.00 – Thematic session:

2. Models and platforms for joint knowledge management and knowledge transfer  
3. Pilot programs for supporting innovation and smart specialization projects

### 16.00 – Final session: conclusions and recommendations

### 16.30 – End of the seminar

16.40 Bus transportation from HAMK to Scandic  
Hämeenlinna City (via bus and train station)



