

# AquaVIP Gdynia summer school Program (part I) CET time

## May 17th (Monday)

9.00-9.15	Welcome to the participants	Hanna Łądkowska, University of Gdańsk
9.15 – 9.45	AquaVIP project presentation in the frame of blue bioeconomy	Hanna Łądkowska, University of Gdańsk
9.45-10.00	<i>Coffee break</i>	
10.00-11.00	State of play: innovative technologies in aquaculture in the Baltic Sea Region countries	Konrad Ocalewicz, University of Gdańsk
<b>Recirculating Aquaculture Systems</b>		
11.00-11.15	Visit to the small-scale Recirculating Aquaculture System (RAS) laboratory – virtual tour	Halina Kendzierska, University of Gdańsk
11.15-12.15	Small scale shrimp RAS system: design, operation, parameters, results	Halina Kendzierska, University of Gdańsk
12.15-13.00	<i>Lunch break</i>	
13.00-14.00	Growth and nutritional value of <i>Litopenaeus vannamei</i> from the small-scale laboratory culture	Halina Kendzierska, University of Gdańsk
14.00 -15.00	Saltwater RAS: some biological, technical and economic aspects of brackish, marine and geothermal water applications	Nerijus Nika, Klaipeda University

## May 18th (Tuesday)

### Aquaponics & Algae

9.00-10.00	Aquaponics: system design, technology, applications	Adrian Bischoff-Lang, Rostock University
10.00-10.15	<i>Coffee break</i>	
10.15-11.15	Macroalgae harvesting and cultivation: macroalgae in the Baltic Sea, system design, technology, and application practices in the region	Aleksandra Zgrundo, University of Gdańsk
11.15-12.15	Aquaponic experiment with <i>Litopenaeus vannamei</i> and macroalgae	Aleksandra Zgrundo, University of Gdańsk
12.15-13.00	<i>Lunch break</i>	
13.00-13.45	Microalgae cultivation: system design, technology, application	Filip Pniewski, University of Gdańsk Marek Klim, University of Gdańsk
13.45-14.45	Aquaponic experiment with <i>Litopenaeus vannamei</i> and microalgae	Filip Pniewski, University of Gdańsk Marek Klim, University of Gdańsk

# AquaVIP Gdynia summer school Program (part II) CET time

## May 19th (Wednesday)

### Students' panel

9.00 – 10.00	Aquaculture topics of interest: in studies/research/work (part 1)	AquaVIP summer school participants & Facilitators: Hanna Łądkowska, University of Gdańsk , Konrad Ocalewicz, University of Gdańsk
<i>10.00-10.15</i>	<i>Coffee break</i>	
10.15-12.15	Aquaculture topics of interest: in studies/research/work (part 2)	AquaVIP summer school participants & Facilitators: Hanna Łądkowska, University of Gdańsk , Konrad Ocalewicz, University of Gdańsk
<i>12.15-13.00</i>	<i>Lunch break</i>	

### Alternative food

13.00-14.00	Native and non-native invertebrates from the Baltic Sea: as a food source for humans or in the future fish farm	Urszula Janas, University of Gdańsk
14.00 -15.00	Worms... – about the use and benefits of worms in aquaculture	Adrian Bischoff-Lang, Rostock University

## May 20th (Thursday)

9.00-10.00	Impact of COVID-19 pandemic on the aquaculture and fish processing sectors	Konrad Ocalewicz, University of Gdańsk
<i>10.00-10.15</i>	<i>Coffee break</i>	
<b>Farms virtual tours</b>		
10.15-13.15	Farm virtual tours	TBC