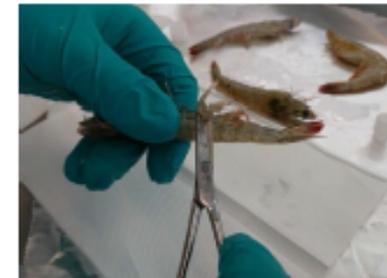


**•Welcome to the 10<sup>th</sup>  
Annual Workshop of  
the National Reference  
Laboratories for  
Crustacean Diseases  
29 May 2019**



**10<sup>th</sup> Annual Workshop of the  
National Reference Laboratories  
for Crustacean Diseases**

**Kgs. Lyngby, Denmark  
29 May 2019**



Sampling pleopods of *P. vannamei*



*P. Vannamei* in experimental tank facility

Organised by the European Union Reference Laboratory for Fish and Crustacean Diseases,  
National Institute of Aquatic Resources, Technical University of Denmark, Kgs. Lyngby



## **10<sup>th</sup> or 1<sup>st</sup> Annual Workshop?**

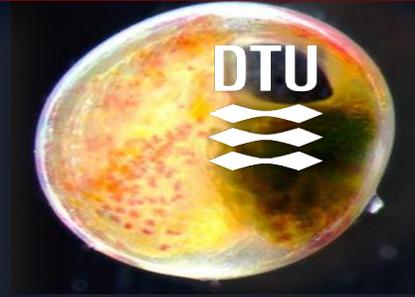
- **1<sup>st</sup> workshop at main campus of Technical University of Denmark, DTU**
- **Impressive 43 participants from more than 26 countries!**

22nd Annual Workshop, 2018

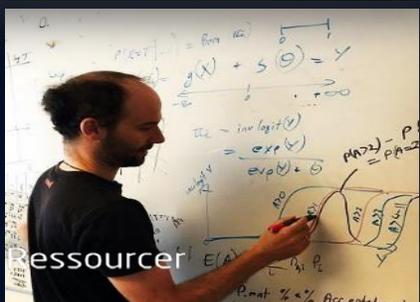
23<sup>rd</sup> Annual Workshop of the National Reference Laboratories for Fish Diseases,

DTU Aqua

National Institute of Aquatic Resources



DTU Aqua  
Institut for Akvatiske Ressourcer





# 10<sup>th</sup> Annual Workshop

## Practical announcements!



## The Program

- **SESSION I: Update on Crustacean disease Issues in Europe**
- *Chair: Lone Madsen and minutes: Niccoló Vendramin*
- 09:40 – 10:00 Co-infection by *Mycobacterium gordonae* and CqBV in red-claw crayfish *Cherax quadricarinatus*. *Tobia Pretto*
- 10:00 – 10:20 Update on e-DNA for detection of presence of *A. Astaci* *Trude Vrålstad*
- 10:20 – 10:35 Crayfish plague outbreak in *Austropotamobius pallipes*: application of genotype-specific PCR for strain identification in clinical samples *Tobia Pretto*
- 10:35 – 10:50 Optimized qPCR that discriminate the new *Aphanomyces fennicus*
- *Trude Vrålstad*



# The Program

- **SESSION II: Emerging diseases**
- *Chair: Amedeo Manfrin and minutes: Jacob Schimdt*
- 11:10 – 11:30 Overview of emerging disease issues in crustacean including Hepatopancreatic microsporidiosis caused by *Enterocytozoon hepatopenaei* (EHP) and shrimp hemocyte iridescent virus (SHIV). *Kelly Bateman*
- 11:30 – 11:50 Bacterial health in Dutch insect culture *Olga Haenen*
- 11:50 – 12:30 Listing infectious diseases in crustaceans and selection of diagnostic method (Plenum discussion). Chaired by *Niels Jørgen Olesen*
- 12:30 – 13:30 **Lunch**

# The Program



- **SESSION III: Research and network activities**

- *Chair: Anna Aspan and minutes: Lone Madsen*
- 13:30 – 13:50 NGS technologies and survey of a shrimp pond before and during a disease outbreak.
- *Diana Minardi, presented by Kelly Bateman*
- 13:50 – 14:20 State of play of recent EU aquatic animal health legislative developments and their implementation
- *Laszlo Kuster*
- 14:20 – 14:40 Update on the OIE Collaborating Centre for Emerging Aquatic Animal Diseases and future collaboration with the EURL and NRLs. *Kelly Bateman*
- 14:40 – 15:00 Challenge models for experimental infections in crustaceans
- *João Lima-*
- 15:00 – 15:30 **Coffee break**

# The Program



- **SESSION IV: Update from the EURL**
- *Chair and minutes: Niccoló Vendramin*
- 15:30 – 15:50 The inter-laboratory proficiency test for crustacean diseases in 2018 organized by CEFAS – *Kelly Bateman*
- 15:50 – 16:10 EURL activities 2018 -Accreditation of WSSV diagnosis *Camilla Priess*
- 16:10 – 16:30 The proficiency test 2019 *Argelia Cuenca*
- 16:30 – 16:50 EURL Work Plan 2019-20 *Niels Jørgen Olesen* 16:50 – 17:10 Next meeting and end of 10<sup>th</sup> Annual Workshop
-



## Folder

**Session II expecting your active participation in round table discussion on listing crustacean diseases**

<b>1</b>	<b>PROGRAMME</b>
<b>2</b>	<b>PARTICIPANTS LIST</b>
<b>3</b>	<b>SESSION I:</b> Update on Crustacean disease Issues in Europe
<b>4</b>	<b>SESSION II:</b> Emerging diseases
<b>5</b>	<b>SESSION III:</b> Research and network activities
<b>6</b>	<b>SESSION IV:</b> Update from the EURL
<b>7</b>	<b>REIMBURSEMENT</b>
<b>8</b>	<b>USEFUL INFORMATION</b>
<b>9</b>	<b>PAPER PAD</b>
<b>10</b>	

# Folder

## Reimbursement

Useful information

Dear Participant,

Welcome the 23rd Annual Workshop of the National Reference Laboratories for Fish Diseases.

We have some practical information for you, who will be reimbursed your expenses. Please note that you can be reimbursed as a private person or to your institute.

Private person:

Please fill out the form on this link:

<https://eforms.adm.dtu.dk/apex/f?p=100:1:10803423848902>

**Deadline: June 5<sup>th</sup> 2019.**

If we don't have your reimbursement claim by then, we will not be able to reimburse you.

You will have to attach the receipts from;

- Your flight.
- Transportation from / to your home and departure-airport.
- Transportation from / to Kastrup.
- Hotel (if you stayed at another hotel than CabInn)

Please put Lis Vinther Elmsted or Linda Stuhr Christensen on as contact person.

As you are eligible for the per diem when in Denmark, we also need information on when and what time you arrived in Denmark and the expected departure. This can be filled out on the signature paper.

However, if your flight is delayed and the expected departure from Denmark is later than expected, please let Lis / Linda know about this.

**Deadline: June 5<sup>th</sup> 2019**

As soon as we have all the expenses calculated, we can calculate the per diem you're eligible to. We will send you an email with the information of your per diem claim. The claim will have to be made by you in the Eforms-system (the same as the other expenses).

**Deadline: 2 weeks after the mail has been send.**

Institute:

Please send an invoice to Lis / Linda with all the receipts attached.

**Deadline June 5<sup>th</sup> 2019.**

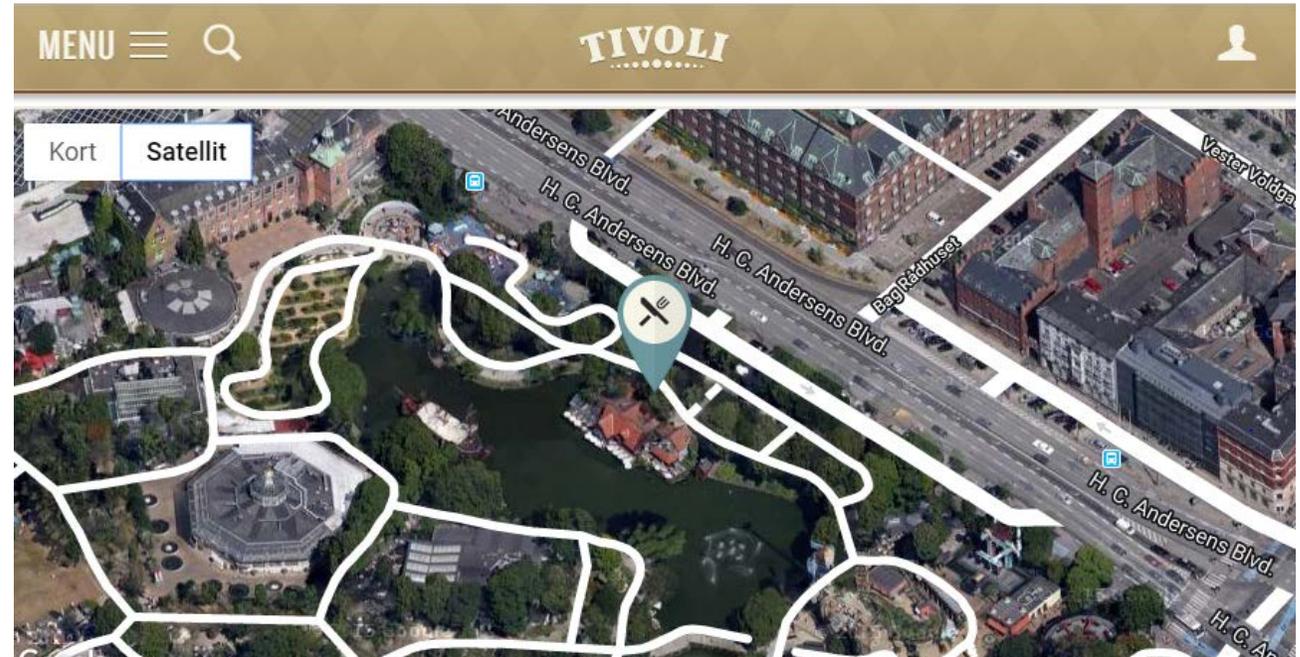
As soon as we have all the expenses calculated, you will all be send an email with your per diem claim. Please issue another invoice and send this to Lis / Linda.

**Deadline: 2 weeks after the mail has been send.**

If you have any questions, please don't hesitate to contact one of us.



## Dinner to night at TIVOLI



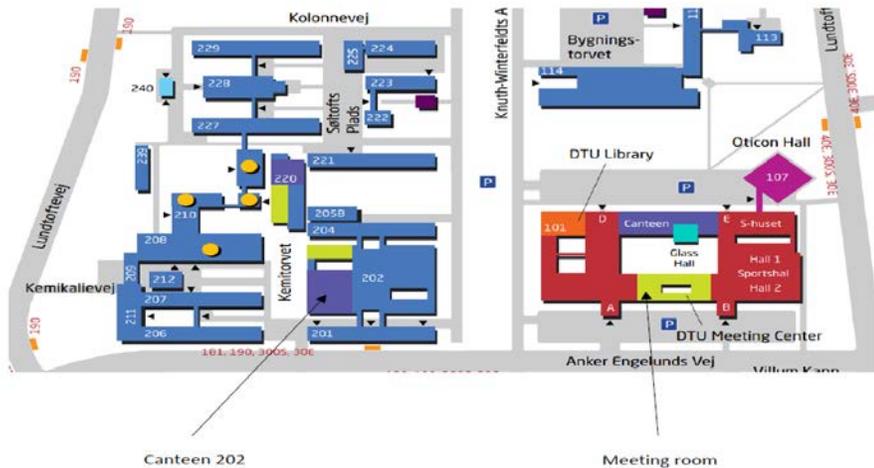
## Folder

Useful information

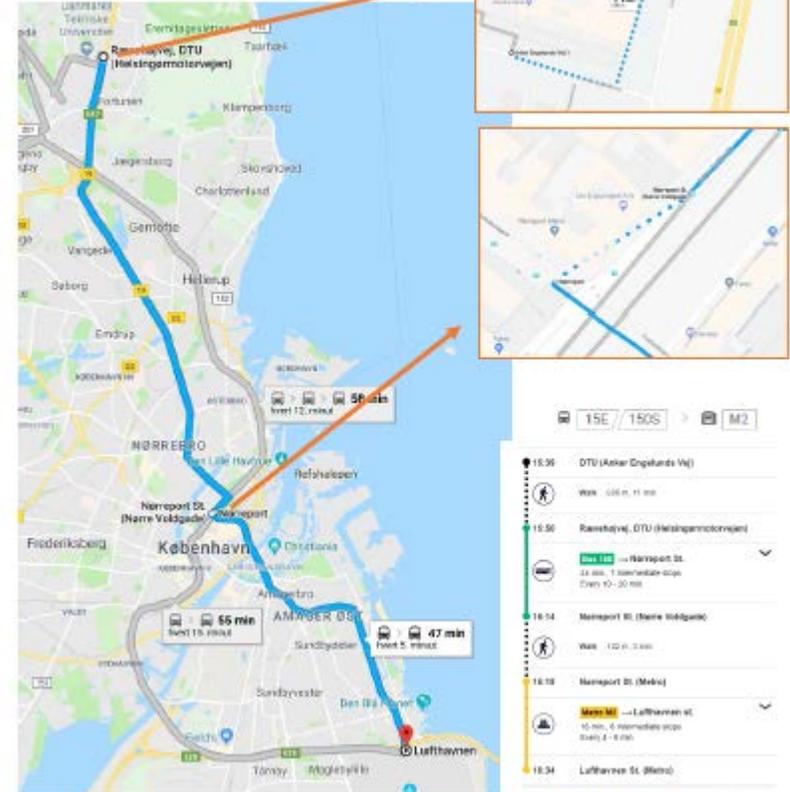
### Maps:

1. Hotel to DTU
2. Hotel to Madklubben (banquet)
3. DTU to Airport

Lunch will be served in the canteen in building 202 (1 min walk from the meeting room)  
Both days 13:00 – 14:00



How to get from DTU to Copenhagen Airport



Time	Location	Mode	Duration
15:30	DTU (Anker Engelunds Vej)	Walk	08 min, 11 min
15:50	Rasmussenvej, DTU (Helsingørsmotorvej)	Bus 15E/150S	23 min, 1 hour, 15 min, 10-30 min
16:14	Nørreport St. (Narre Voldgade)	Walk	12 min, 3 min
16:18	Nørreport St. (Mønt)	Walk	5 min, 5 min
16:34	Lufthavn St. (Mønt)	Walk	10 min, 4 min, 10 min, 10 min

Single ticket: DKR. 68,00

You can also find your own way at [Rejseplanen.dk](https://www.rejseplanen.dk)  
<https://www.rejseplanen.dk/webapp/index.html?language=en>



## **More practical announcements**

- 1. If you have brought any reagents, samples etc. please refer to our technicians Kristina or Teena**
- 2. We need a signature from all confirming participation for the day- no signatur = no refund.**
- 3. Coffee breaks and lunch**
- 4. When the workshop is over bus transfer to the hotel- with 15 min break and walk to Tivoli (entrance tickets will be distributed).**
- 5. For those heading home public transport are available to the Airport (ca. 1h).**
- 6. Important please Notify us if you are NOT joining the banquet at TIVOLI tonight**



## **More practical announcements**

- 1. Lunch will be served in canteen on 1<sup>st</sup> floor**
- 2. Location of toilets**
- 3. Eventual Folder return**
- 4. Name tag return**
- 5. Evaluation form**

# Wi- Fi Access

- Network: DTU
- Username : eurl2019
- Password: MG5d8rC



**Please enjoy the workshop 😊**