Read in french on IHPE website

Newsletter 10 – 2022 December

Merry Christmas !

STAFF

PRIZE of the Jury & PRIZE of the public

Mathilde JAQUET received the prize of the jury AND the prize of the public for her photograph "The secret life of mosquitoes finally revealed" at the UPVD Doctoral Congress on November 18 in the category "My Thesis in 1 image".
Explanations here
Congratulations!

EXTENSION

Boris SAVASSI will stay 6 more months with us to continue his post-doctorate with Prof J.Boissier!

DEPARTURE

Yann DORANT leaves us at the end of his Ifremer post-doctorate contract. Good luck for the next job !

FOCUS

ONE HEALTH and circular economy

In recent weeks, the first results of the partnership between the students of the IUT Génie Biologique de Perpignan led by David DUVAL and Jean-Pierre GOBY, the site of the Fulchiron quarry (Vallabrix), the Sictomu (Syndicat de collection des waste) and support from the ONF.

The objective is to facilitate and accelerate (up to five times) soil rehabilitation in the Fulchiron quarry using shredded green waste. The first results showing the efficiency of the process were presented to the elected officials of the territory by the intermunicipal syndicate, in the presence of the students and their professors. This collaboration is continuing to ensure scientific monitoring of the biological and chemical diversity of the soil and to optimize the decontamination process.

Read the articles from "L'éveil du Midi", "Midi Libre", "Radio RG30"

David DUVAL, UPVD professor at the IUT Biological Engineering, is also responsible for the professional license Quality of Food and the Environment (QAE).

ONE HEALTH International Mixed Laboratory

As part of the International Mixed Laboratory Cons-Helm, of which IHPE is a member, Gabriel MOUAHID, UM Lecturer, left for Benin this fall for a year to strengthen our international collaborations.
Gabriel carries out his research within the UMR MERIT of the CERPAGE laboratory.
In October, he was received at the French Embassy to present his project and his collaborators.
Last week he participated at the Scientific Meeting of the West African Observatory of Small Mammals (ObsMice) in Niamey to present the latest results obtained on the role of small mammals in the transmission of Bilharzia/Schistosomiasis in southern Benin.

Workshop Zone Health-Environnment Camargue

On December 2, the second preparatory meeting for the creation of the "Health and Environment in the Camargue" Workshop was held at the Tour du Valat (Arles).
About sixty researchers representing the various CNRS institutes, as well as local stakeholders (research consultancies, regional nature park, biosphere reserve, chamber of agriculture, coastal conservatory, etc.) worked together to decide on priority research directions on three major themes: Infectious diseases and antibiotic resistance; Eco-toxicology; Eco-anxiety.
The ideas wer produced in a very collegial atmosphere and the participants were enthusiastic about the project!
The creation of this ZA, which will be the 15th of the CNRS, was entrusted to Delphine DESTOUMIEUX-GARZON (IHPE), Frédéric THOMAS (MIVEGEC) and Raphael MATHEVET (CEFE).
The organizing committee of the meeting involved very actively three other members of IHPE: Diane MERCERON, Anne MODAT and Eric SMAGGHUE.
The final project is expected to be submitted in 2023.

MIMI Marine Invertebrate Microbial Interactions Network

Following the visit of Mark MANDEL and Rafael DA ROSA in September 2022 during the meeting of the KIM Sea&Coast of the University of Montpellier, it was decided to create a network to promote our exchanges and collaborations on the study of micro-organisms / marine invertebrates interactions and to organize scientific meetings in the “joint lab meetings” format between four laboratories working on the same theme but on different and complementary biological models:
- Mark Mandel Lab (Madison, WI, USA).
- Rafael da Rosa lab (Florianopolis, Brazil).
- Paulina Schmidt Lab (Valparaiso, Chile).
- IHPE Lab (Montpellier, France).

We call this mini network the “Network for Marine Invertebrate Microbial Interactions” (MIMI).
The first meeting of the MIMI Network was held on Tuesday December 6, during which Noémie DE SAN NICOLAS (IHPE), Laura ONILLON (IHPE) and Ruth ISENBERG (Laboratory of Mark Mandel) presented part of their theses. For those who missed this first meeting, video recording is available here : Regarder l’enregistrement (Code secret : ij72k.?)

The next meeting will take place in the spring of 2023.

Contact IHPE: Guillaume CHARRIERE

LAB LIFE

PARITY statistics for 2022

IHPE in its commitment to equal chnaces, is posting in december the annual gender statistics of its staff.
Find all the information on the IHPE website (parity)

SCIENTIFIC PRODUCTION

Publisher link in the title, Full-text from HAL

- Evaluation of tangential flow filtration coupled to long-read sequencing for ostreid herpesvirus type 1 genome assembly (Escoubas, Delmotte) HAL 03863848
- Functional Diversification of Oyster Big Defensins Generates Antimicrobial Specificity and Synergy against Members of the Microbiota (De San Nicolas, Travers, Dantan, Dorant, Charrière, Escoubas, Boulo, Montagnani, Destoumieux-Garzon) HAL 03876842
- Adult sex ratios: causes of variation and implications for animal and human societies (Boissier) HAL 03877881
- Sub-micrometric spatial distribution of amorphous and crystalline carbonates in biogenic crystals using coherent Raman microscopy (Vidal-Dupiol) HAL 03852411
- Microbiota of the Rearing Water of *Penaeus stylirostris* Larvae Influenced by Lagoon Seawater and Specific Key Microbial Lineages of Larval Stage and Survival (Boulo, Giraud) HAL 03898738
- Structural variation turnovers and defective genomes: key drivers for the in vitro evolution of the large double-stranded DNA koi herpesvirus (KHV) (Escoubas) HAL 03895944

Find all of IHPE's production on the HAL open science platform here.

WORKGROUPS

Many work groups exist within IHPE: do not hesitate to propose your contribution

- Quality of Life at Work and Psycho-Social Risks (contact JM Escoubas)
- Equal chances (contact C. Montagnani)
- Science Fair (contact A. Modat)

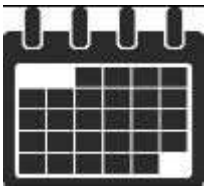
- Group without name for recreational activities (contact S.Dametto & N. De San Nicolas)

(c)Flaticon

REMINDER OF GOOD PRACTICES FOR SCIENTIFIC PUBLICATIONS

You are asked to:
• write your contact details and acknowledgments in publications according to the IHPE charter (pdf),
• have your manuscripts proofread by Anne before submission,
• select journals from quartile 1 (excel 2022 list of journals in the fields in which IHPE publishes) rather than a high impact factor,
• notify Anne of the publication for deposit of notice and manuscript on the open archive platform HAL within the framework of IHPE's Open Science policy.

And for those who still haven't done so: create your ID-HAL
Anne can help or follow a one-hour webinar here



DIARY

- Jan 17, Montpellier : visit by Wilfried SANCHEZ (Ifremer Deputy Scientific Director) and Chantal COMPERE (Ifremer Interm scientific director)
- Jan 19, Perpignan : meeting with Julien MARY (MSH Sud) and Aurélie BINOT (anthropologist from CIRAD)
- Jan 31, Perpignan and on Zoom : Seminar of Bart HAEGEMAN "A few attempts to make a system approach work in ecology"

All important appointments for IHPE can be found in the online agenda (synchronizable).
The zoom and google doc links can be found on the intranet

TOOLS

Reminder of the many communication tools that you can find on the intranet:
• new: the QRcode referring to the website
• the logos of the unit, its supervisory bodies, and main partners
• the template for letterhead, slide show, poster
• photomontage of IHPE themes
• the presentation slideshow of IHPE by the Director
• the IHPE presentation flyer (MUSE)
• but also the minutes of certain meetings, the rules of procedure, the training space, the

doctoral space, the reminder of the next meetings with the zoom link,

Without forgetting the other communication tools:
• Internal mailing lists (to be found on the intranet, request from D. MERCERON)
• twitter
• linkedin
Submit your needs and proposals!

EDITORIAL COMMITTEE

Director of publication : Christoph Grunau

Jérôme Boissier, Delphine Destoumieux-Garzon, Caroline Montagnani, Anne Modat

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