

# First DYNAMIDE conference on teaching innovation and distance learning

*Montpellier – 28-29-30 June 2021*

## Full program

Looking ahead to the opening of the first ASAIHL Master curriculum, the DYNAMIDE teaching community had the idea of organizing an online conference on distance learning approaches and methods. The goal of this first DYNAMIDE conference is to share our experiences on this subject, especially since the COVID-19 period we have gone through.

This event is a great opportunity to exchange with experts in this field on our experiences and developments. Three half-days are planned on the themes of 1) distance learning course, 2) problem-based learning and 3) interactive teaching. Meetings will be held in the afternoon in Asia and morning in Europe.

Each half-day will begin with a plenary discussion with specialists presenting the theme of the day followed by 10-minute presentations. Question and answer sessions are scheduled after discussions and presentations.

We encourage you to present training, case studies or new tools around these three themes during the 10-minute presentations. We have scheduled 5 presentations per half-day. The conference is open to everyone but is specifically addressed to the DYNAMIDE participants. Registration is free and we can welcome up to 300 participants.

Please register at following website: <https://dynamide-meeting.com/>

Contact us for any questions and oral contribution:

Emmanuel.cornillot(at)umontpellier.fr | roger.frutos(at)cirad.fr

The conference received the technical and financial support of the University of Montpellier through its center for pedagogical innovation and the MUSE program to organize this conference.

Time zone: Central European Summer Time (CEST)

# DAY 1: Carry out a distance learning course

Wednesday 28 June 2021

8:45. **Welcome address from the director of DYNAMIDEID**, *Prof. Roger Frutos*

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9:00. **Welcome address from the Partners**

• ASAIHL: *Prof. Ninnat Olanvoravuth*, Secretary General, University Gadjah Mada, Mahidol University, University Putra Malaysia, University of Warsaw, University of Montpellier: *Prof. Emmanuel Cornillot*

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9:45. **Plenary discussion**

Moderator: *Laetitia Palmade*

Discussion with *Prof. Chantal Charnet*.

Chantal Charnet is Professor at the Information and communication Technoscience Institute at the Université Paul-Valéry Montpellier 3 and create the Master's degree in Digital Humanities, a course on digital mediation and pedagogical engineering. She publishes a book on how to carry out a training or a digital distance learning. *Few more words about points that will be addressed such as team work, program scenario, ...*

*Words about Laetitia Palmade*

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10:30. Break

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## 10:45. **Oral presentation**

Five 10-minute presentations

Possible themes:

- **Digital training system**
    - LMS and LCMS platform
    - Reporting tools and learning record store
    - planner
    - trainer
    - digital device
  
  - **Educational methods at distance**
    - Flipped pedagogy
    - Blended learning
    - Hybrid learning
  
  - **Online training**
    - mediatization approaches
    - story-board
    - Specific design
    - Programs
    - Quality label
    - learning analytics
  
  - **Tutoring**
    - Communicate over distance
    - Social networks
    - Peer tutoring
  
  - **Assessment of skills**
    - Databases
    - Assessment methods
  
  - **Call for projects**
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## 12:15. **DYNAMEID social meeting**



# DAY 2: Problem-based learning

Thursday 29 June 2021

8:45. **Welcome participants**

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9:00. **Opening discussion**

Moderator: Patricia Cucchi

Discussion with Yves Mauffette.

Yves Mauffette is a professor at the Faculty of Science of the Université du Québec à Montréal (UQAM) in the Department of Biological Sciences and a field biologist specialized in plant-insect interactions. He was vice-dean of studies and dean of this faculty from 2002 to 2009, and then held the position of vice-rector of research and creation at UQAM from 2009 to 2015. He actively participated in the development of the Bachelor of Science in Biology (B.S.) receive numerous awards and distinctions for his work on teaching innovations

*Words about Patricia Cucchi*

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10:00. Break

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10:15. **Oral presentation**

Five 10-minute presentations

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**Possible themes:**

- Competency approach
- Collaborative competency
- Communication competency
- Research based learning
- Situated learning
- Critical Thinking Skills
- Self-Directed Learning

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- Group Work and Group Dynamics
    - Problem Design
    - Facilitating technologies
    - Types and Design of Assessment
    - Case study in sciences
    - PBL and Social networks
    - Simulations and virtual reality
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11:45. **DYNAMEID board meeting**



# DAY 3: Interactive teaching

Friday 30 June 2021

8:45. **Welcome participants**

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9:00. **Plenary session.**

Moderator: *Barbara Covarrubias Venegas*

Presentation by *Grazzia Ghellini*

Grazia Ghellini is a Free-lance Higher Education Instructor teaching Innovative Interactive Pedagogies and English as a Medium of Instruction at the University of Montpellier (University of Sciences, and MOMA, Montpellier Management University).

Dr. Barbara Vennegan-Covarrubias will share some of her knowledge and tips on how to make online teaching fun, effective and memorable, and will showcase her successful Global Case-Study Challenge Programme involving hundreds of students from several European University Professors, as well as her game-changing Global Case Study Challenge and International Online Teaching Certification Programme.

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10:00. Break

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10:15. **Oral presentation**

Five 10-minute presentations

Possible Interactive Teaching Session Topics

## **Emerging Technologies and Interactive Online Teaching**

- Online tools and applications
- Online Formative and Summative Assessment with Online Teaching Tools
- How to use Zoom to make online teaching Interactive (Interactive whiteboard, chat box, breakout rooms...)
- Smart Phones & Mobile Applications
- Educational Games
- Simulations
- Online/Virtual Laboratories
- Use of Social Media in Teaching
- Collaborative Virtual Environments (CVEs)
- Virtual Reality

### **New Trends and Approaches**

- Alternative Ways of Teaching
- Team Teaching & Interdisciplinary Teaching
- Multilingualism /English as a Medium of Instruction
- Educational Games
- Gamifying courses

### **Pedagogical Methods**

- Innovative Teaching Models
- Flipped Learning
- Case & Problem-Based Learning implementations
- Game-Based Learning
- Active & Experiential Learning

Possible themes:

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11:45. **Closing ceremony**



## Organization:

Emmanuel Cornillot  
Carolina Valenzuela  
Grazzia Ghellini  
Roger Frutos

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## A word about DYNAMIDE Master program

DYNAMIDE (Dynamic of Emerging and Infectious Diseases) master program is the result of the will of 5 universities: University of Montpellier - UM (France), University of Warsaw - UW (Poland), Gadjah Mada University - UGM (Indonesia), Putra University Malaysia - UPM (Malaysia) and Mahidol University - MU (Thailand), a Research Institute (CIRAD) and an Association : ASAIHL (Association of Southeast Asian Institutions of Higher Learning) to develop together a teaching in infectiology centered around emerging pathogens and the dynamics of infectious and emerging diseases.

The Master DYNAMIDE brings together educational teams from each of these establishments. Teaching is organized based on East-Asia time zone, GMC+7, owing to presence of different time zones. Courses are transmitted to the various sites via video-conferencing. The COVID-19 epidemic provides an excellent case for the need of programs like DYNAMIDE, both in terms of topic and of organization. This latest pandemic follows the emergence of other pathogens such as the SARS-CoV, MERS-CoV, HIV, Zika virus, Dengue virus or Chikungunya virus but also the emergence of resistance to drugs such as artemisinin for *Plasmodium falciparum* (malaria causative agent) or antibiotics for multi-resistant bacteria.

The DYNAMIDE Master program aims to train scientists in the comprehensive understanding of infectious diseases. Graduates will be able to address these issues in research institutions but also to work within the framework of international partnerships with national health authorities and international organizations for the management and prevention of these diseases. This training allows the continuation of studies in doctorate (PhD). The professional opportunities for our students are: Research scientist (after PhD), specialist in laboratory or on platform, project manager in biotechnology, pharmaceutical R&D, office manager in health and public health organizations and national or international authorities such as WHO, OIE, FAO and Global Fund, NGO adviser, ...



Funding and hosting



DYNAMEID partners

