

International and multidisciplinary colloquium

Enaction in perspective and in foresight

Center for Social Studies, University of Coimbra (Coimbra, Portugal)

Faculty of Psychology and Educational Sciences, University of Geneva, (Geneva, Switzerland)

Faculty of Education, Université de Montréal (Montreal, Quebec, Canada)

French Institute of Education of the ENS de Lyon (Lyon, France)

Faculty of Human and Social Sciences, Universidad de Aysén (Coyhaique, Chile)

Psychology Institute, Federal University Fluminense (Rio de Janeiro, Brazil)

1. Context and scientific issues

The colloquium's ambitions are to promote knowledge and understanding of the enactive hypothesis and to extend its visibility within cognitive sciences, to promote internal theoretical debates to the perspectives held by this hypothesis, to fuel controversies between the programs, research, and discuss the various possible and desirable futures for the work held by this hypothesis.

Enaction in perspective

The colloquium will focus on scientific or social intervention practices inspired by the enaction hypothesis, from different perspectives. It will take this diversity into account in order to create a space where they will be explained, put into dialogue or even in contradiction. The ambition is to appreciate the contributions and advances of the concept of enaction in terms of knowledge and action over the past thirty years.

Enaction in foresight

At a time when many elements celebrate or return to the legacy of Francisco Varela (1946 – 2001), the colloquium simultaneously responds to the intention of opening a space for forward-looking reflection on the practices / concepts / perspectives inspired by the hypothesis of enaction. It will consider the conceptual and empirical avenues considered fruitful and likely to open up over the next thirty years. This forward-looking reflection will also make it possible to pose the question of the vitality of enactive perspectives, as well as the imperatives for maintaining their heuristic power and their capacity for growth.

The conference will be organized according to four poles, which are not exclusive and predefined themes, but preferential orientations:

- a) Consciousness, mind, cognition
- b) Enaction and experience
- c) Enactive interventions
- d) Research methodologies



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2. Objectives, objects and target audience

The lecturers will be invited to situate their remarks in time – without necessarily adopting the classic “assessment and perspective” diagram - and to position them explicitly in the field of cognitive science. It is hoped that issues are addressed rather than themes and that their treatment sheds light, if possible, on both their genesis and their development.

The conference is aimed at researchers, but it also meets the objective of interesting students and practitioners. To this end, preparatory workshops will be organized, which will offer introductions to enactive perspectives, still often positioned outside the scientific and practical mainstream. The conference is also intended to be a vehicle for the horizontal dissemination of knowledge internationally through interpretation services (Spanish; English; French; Portuguese). These services will be free.



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3. Program and organization

August 23rd 2021

From 08 : 30 AM to 04 : 00 PM, time in Canada and Chile (GMT – 5, summer time)

From 09 : 30 AM to 05 : 00 PM, time in Brazil (GMT - 3)

From 01 : 30 PM to 09 : 00 PM, Portugal (UTC + 1)

From 02 : 30 PM to 10 : 00 PM, Central European Time (UTC + 2)

August 24th 2021

From 08 : 00 AM to 05 : 00 PM, time in Canada and Chile (GMT – 5, summer time)

From 09 : 00 AM to 06 : 00 PM, time in Brazil (GMT - 3)

From 01 : 00 PM to 10 : 00 PM, Portugal (UTC + 1)

From 02 : 00 PM to 11 : 00 PM, Central European Time (UTC + 2)

August 25th 2021

From 08 : 00 AM to 04 : 00 PM, time in Canada and Chile (GMT – 5, summer time)

From 09 : 00 AM to 05 : 00 PM, time in Brazil (GMT - 3)

From 01 : 00 PM to 09 : 00 PM, Portugal (UTC + 1)

From 02 : 00 PM to 10 : 00 PM, Central European Time (UTC + 2)

August 26th 2021

From 08 : 30 AM to 04 : 00 PM, time in Canada and Chile (GMT – 5, summer time)

From 09 : 30 AM to 05 : 00 PM, time in Brazil (GMT - 3)

From 01 : 30 PM to 09 : 00 PM, Portugal (UTC + 1)

From 02 : 30 PM to 10 : 00 PM, Central European Time (UTC + 2)

August 27th 2021

From 08 : 30 AM to 12 : 15 PM, time in Canada and Chile (GMT – 5, summer time)

From 09 : 30 AM to 13 : 15 PM, time in Brazil (GMT - 3)

From 01 : 30 PM to 17 : 15 PM, Portugal (UTC + 1)

From 02 : 30 PM to 18 : 15 PM, Central European Time (UTC + 2)

Online event.

Registration link : https://umontreal.zoom.us/webinar/register/WN_L0gl2cxQQbazvzMR2lNoQg

Event website : www.grimte.com



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August 23rd 2021

| Morning session — 8:30 AM to 12:00 PM (Canada and Chile) | |
|---|--|
| Maria Grullon – Master of ceremonies | |
| 08 : 30 AM to 08 : 40 AM (Canada and Chile) 09 : 30 AM to 09 : 40 AM (Brazil) 01 : 30 PM to 01 : 40 PM (Portugal) 02 : 30 PM to 02 : 40 PM (Central Europe) | Opening speech by the Honorary Presidency <u>Pascale Lefrançois</u> (Dean of the Faculty of Education) |
| 08 : 40 AM to 08 : 50 AM (Canada and Chile) 09 : 40 AM to 09 : 50 AM (Brazil) 01 : 40 PM to 01 : 50 PM (Portugal) 02 : 40 PM to 02 : 50 PM (Central Europe) | Opening of the colloquium and presentation of the organizing committee <u>Francisco Loiola</u> |
| 08 : 50 AM to 09 : 00 AM (Canada and Chile) 09 : 50 AM to 10 : 00 AM (Brazil) 01 : 50 PM to 02 : 00 PM (Portugal) 02 : 50 PM to 03 : 00 PM (Central Europe) | Speech by the president of the scientific committee <u>Marc Durand</u> |
| 09 : 00 AM to 09 : 45 AM (Canada and Chile) 10 : 00 AM to 10 : 45 AM (Brazil) 02 : 00 PM to 02 : 45 PM (Portugal) 03 : 00 PM to 03 : 45 PM (Central Europe) | A Casual Stroll through (& around) the Worlds of Enaction <u>Sebastjan Vörös</u> |
| 09 : 45 AM to 11 : 15 AM (Canada and Chile) 10 : 45 AM to 12 : 15 PM (Brazil) 02 : 45 PM to 04 : 15 PM (Portugal) 03 : 45 PM to 05 : 15 PM (Central Europe) | Opening conference Enactive quantum physics : Cognitive QBism (Quantum Bayesianism) <u>Michel Bitbol</u> |
| 11 : 15 AM to 12 : 00 PM (Canada and Chile) 12 : 15 PM to 01 : 00 PM (Brazil) 04 : 15 PM to 05 : 00 PM (Portugal) 05 : 15 PM to 06 : 00 PM (Central Europe) | Debate and closure |
| Lunch break – 12:00 PM to 01:00 PM (Canada and Chile) | |
| Afternoon session — 01:00 PM to 04:00 PM (Canada and Chile) | |
| 01 : 00 PM to 01 : 10 PM (Canada and Chile) 02 : 00 PM to 02 : 10 PM (Brazil) 06 : 00 PM to 06 : 10 PM (Portugal) 07 : 00 PM to 07 : 10 PM (Central Europe) | Welcome of participants and presentation of speakers Maria Grullon - Master of ceremonies |
| 01 : 10 PM to 01 : 55 PM (Canada and Chile) 02 : 10 PM to 02 : 55 PM (Brazil) 06 : 10 PM to 06 : 55 PM (Portugal) 07 : 10 PM to 07 : 55 PM (Central Europe) + 20 minutes of questions | Enaction design: a relational engineering project <u>Olivier Gapenne</u> |
| 02 : 20 PM to 03 : 05 PM (Canada and Chile) 03 : 20 PM to 04 : 05 PM (Brazil) 07 : 20 PM to 08 : 05 PM (Portugal) 08 : 20 PM to 09 : 05 PM (Central Europe) + 20 minutes of questions | Interests and limits of real-time self-explanation for documenting the athlete's experience: the case of a study on quantified running <u>Matthieu Quidu</u> and <u>Brice Favier-Ambrosini</u> |
| 03 : 30 PM to 04 : 00 PM (Canada and Chile) 04 : 30 PM to 05 : 00 PM (Brazil) 08 : 30 PM to 09 : 00 PM (Portugal) 09 : 30 PM to 10 : 00 PM (Central Europe) | Debate and closure |



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August 24th 2021

| Morning session — 8:00 AM to 12:00 PM (Canada and Chile) | |
|---|---|
| 08 : 00 AM to 08 : 10 AM (Canada and Chile) 09 : 00 AM to 09 : 10 AM (Brazil) 01 : 00 PM to 01 : 10 PM (Portugal) 02 : 00 PM to 02 : 10 PM (Central Europe) | Welcome of participants and presentation of speakers Francisco Loiola - Master of ceremonies |
| 08 : 10 AM to 08 : 55 AM (Canada and Chile) 09 : 10 AM to 09 : 55 AM (Brazil) 01 : 10 PM to 01 : 55 PM (Portugal) 02 : 10 PM to 02 : 55 PM (Central Europe) + 20 minutes of questions | Pure and applied phenomenology <u>Dan Zahavi</u> |
| 09 : 20 AM to 10 : 05 AM (Canada and Chile) 10 : 20 AM to 11 : 05 AM (Brazil) 02 : 20 PM to 03 : 05 PM (Portugal) 03 : 20 PM to 04 : 05 PM (Central Europe) + 20 minutes of questions | The circularity of the embodied mind <u>Thomas Fuchs</u> |
| 10 : 30 AM to 11 : 15 AM (Canada and Chile) 11 : 30 AM to 12 : 15 PM (Brazil) 03 : 30 PM to 04 : 15 PM (Portugal) 04 : 30 PM to 05 : 15 PM (Central Europe) + 20 minutes of questions | Pragmatism in cognitive science: Before and after enactivism <u>Shaun Gallagher</u> |
| 11 : 35 AM to 12 : 00 PM (Canada and Chile) 12 : 35 PM to 01 : 00 PM (Brazil) 04 : 35 PM to 05 : 00 PM (Portugal) 05 : 35 PM to 06 : 00 PM (Central Europe) | Debate and closure |
| Lunch break – 12:00 PM to 01:00 PM (Canada and Chile) | |
| Afternoon session — 01:00 PM to 05:00 PM (Canada and Chile) | |
| 01 : 00 PM to 01 : 10 PM (Canada and Chile) 02 : 00 PM to 02 : 10 PM (Brazil) 06 : 00 PM to 06 : 10 PM (Portugal) 07 : 00 PM to 07 : 10 PM (Central Europe) | Welcome of participants and presentation of speakers |
| 01 : 10 PM to 01 : 55 PM (Canada and Chile) 02 : 10 PM to 02 : 55 PM (Brazil) 06 : 10 PM to 07 : 55 PM (Portugal) 07 : 10 PM to 07 : 55 PM (Central Europe) + 20 minutes of questions | Theoretical, methodological and practical development of a pragmatism-inspired ethics and its links to action <u>Eric Racine</u> , <u>Ariane Quintal</u> and <u>Abdou Simon Senghor</u> |
| 02 : 20 PM to 03 : 05 PM (Canada and Chile) 03 : 20 PM to 04 : 05 PM (Brazil) 07 : 20 PM to 08 : 05 PM (Portugal) 08 : 20 PM to 09 : 05 PM (Central Europe) + 20 minutes of questions | Individuation, through and beyond dead ends. The scope of the abductive and iconic dimensions of meaning in an enactive and semiological conception of experience <u>Deli Salini</u> |
| 03 : 30 PM to 04 : 15 PM (Canada and Chile) 04 : 30 PM to 05 : 15 PM (Brazil) 08 : 30 PM to 09 : 15 PM (Portugal) 09 : 30 PM to 10 : 15 PM (Central Europe) + 20 minutes of questions | Enhancing clinical intuition as second-order complex thinking: Enactivist foundations and challenges <u>Ana Teixeira de Melo</u> |
| 04 : 35 PM to 05 : 00 PM (Canada and Chile) 05 : 35 PM to 06 : 00 PM (Brazil) 09 : 35 PM to 10 : 00 PM (Portugal) 10 : 35 PM to 11 : 00 PM (Central Europe) | Debate and closure |



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August 25th 2021

| 8:00 PM to 12:00 PM (Canada and Chile) | |
|---|--|
| 08 : 00 AM to 08 : 10 AM (Canada and Chile) 09 : 00 AM to 09 : 10 AM (Brazil) 01 : 00 PM to 01 : 10 PM (Portugal) 02 : 00 PM to 02 : 10 PM (Central Europe) | Welcome of participants and presentation of speakers Letícia Renault - Master of ceremonies |
| 08 : 10 AM to 08 : 55 AM (Canada and Chile) 09 : 10 AM to 09 : 55 AM (Brazil) 01 : 10 PM to 01 : 55 PM (Portugal) 02 : 10 PM to 02 : 55 PM (Central Europe) + 20 minutes of questions | Massive Experiential Bloat <u>Erik Myin</u> |
| 09 : 20 AM to 10 : 05 AM (Canada and Chile) 10 : 20 AM to 11 : 05 AM (Brazil) 02 : 20 PM to 03 : 05 PM (Portugal) 03 : 20 PM to 04 : 05 PM (Central Europe) + 20 minutes of questions | Going Radically Enactive: Why, and What Follows? <u>Daniel D. Hutto</u> |
| 10 : 30 AM to 11 : 15 AM (Canada and Chile) 11 : 30 AM to 12 : 15 PM (Brazil) 03 : 30 PM to 04 : 15 PM (Portugal) 04 : 30 PM to 05 : 15 PM (Central Europe) + 20 minutes of questions | What Does it mean to be a Reflective Scientist? The Contours of Ouroboric Thought <u>Sebastjan Vörös</u> |
| 11 : 35 AM to 12 : 00 PM (Canada and Chile) 12 : 35 PM to 01 : 00 PM (Brazil) 04 : 35 PM to 05 : 00 PM (Portugal) 05 : 35 PM to 06 : 00 PM (Central Europe) | Debate and closure |
| Lunch break – 12:00 PM to 01:00 PM (Canada and Chile) | |
| Afternoon session — 01:00 PM to 04:00 PM (Canada and Chile) | |
| 01 : 00 PM to 01 : 10 PM (Canada and Chile) 02 : 00 PM to 02 : 10 PM (Brazil) 06 : 00 PM to 06 : 10 PM (Portugal) 07 : 00 PM to 07 : 10 PM (Central Europe) | Welcome of participants and presentation of speakers Letícia Renault - Master of ceremonies |
| 01 : 10 PM to 01 : 55 PM (Canada and Chile) 02 : 10 PM to 02 : 55 PM (Brazil) 06 : 10 PM to 06 : 55 PM (Portugal) 07 : 10 PM to 07 : 55 PM (Central Europe) + 20 minutes of questions | A View of the Future for BMI Basic Research and Clinical Applications <u>Miguel Nicoletis</u> |
| 02 : 20 PM to 03 : 05 PM (Canada and Chile) 03 : 20 PM to 04 : 05 PM (Brazil) 07 : 20 PM to 08 : 05 PM (Portugal) 08 : 20 PM to 09 : 05 PM (Central Europe) + 20 minutes of questions | Wayfaring, Entangled, Bodies <u>Marek McGann</u> |
| 03 : 25 PM to 04 : 00 PM (Canada and Chile) 04 : 25 PM to 05 : 00 PM (Brazil) 08 : 25 PM to 09 : 00 PM (Portugal) 09 : 25 PM to 10 : 00 PM (Central Europe) | Debate and closure |



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August 26th 2021

| Morning session — 8:00 AM to 12:00 PM (Canada and Chile) | |
|---|---|
| 08 : 00 AM to 08 : 10 AM (Canada and Chile) 09 : 00 AM to 09 : 10 AM (Brazil) 01 : 00 PM to 01 : 10 PM (Portugal) 02 : 00 PM to 02 : 10 PM (Central Europe) | Welcome of participants and presentation of speakers Simon Flandin - Master of ceremonies |
| 08 : 10 AM to 08 : 55 AM (Canada and Chile) 09 : 10 AM to 09 : 55 AM (Brazil) 01 : 10 PM to 01 : 55 PM (Portugal) 02 : 10 PM to 02 : 55 PM (Central Europe) + 20 minutes of questions | Enaction, Epistemology & Political Science <u>Jacques Theureau</u> |
| 09 : 20 AM to 10 : 05 AM (Canada and Chile) 10 : 20 AM to 11 : 05 AM (Brazil) 02 : 20 PM to 03 : 05 PM (Portugal) 03 : 20 PM to 04 : 05 PM (Central Europe) + 20 minutes of questions | Enaction and microphenomenology <u>Natalie Depraz</u> |
| 10 : 30 AM to 11 : 15 AM (Canada and Chile) 11 : 30 AM to 12 : 15 PM (Brazil) 03 : 30 PM to 04 : 15 PM (Portugal) 04 : 30 PM to 05 : 15 PM (Central Europe) + 20 minutes of questions | Is the ship the cause of the wake, or is the wake the cause of the ship? Towards a broad enactive approach to eLearning <u>Cael Cohen</u> |
| 11 : 35 AM to 12 : 00 PM (Canada and Chile) 12 : 35 PM to 01 : 00 PM (Brazil) 04 : 35 PM to 05 : 00 PM (Portugal) 05 : 35 PM to 06 : 00 PM (Central Europe) | Debate and closure |
| Lunch break – 12:00 PM to 01:00 PM (Canada and Chile) | |
| Afternoon session — 01:00 PM to 05:00 PM (Canada and Chile) | |
| 01 : 00 PM to 01 : 10 PM (Canada and Chile) 02 : 00 PM to 02 : 10 PM (Brazil) 06 : 00 PM to 06 : 10 PM (Portugal) 07 : 00 PM to 07 : 10 PM (Central Europe) | Welcome of participants and presentation of speakers Julia San Martin - Master of ceremonies |
| 01 : 10 PM to 01 : 55 PM (Canada and Chile) 02 : 10 PM to 02 : 55 PM (Brazil) 06 : 10 PM to 06 : 55 PM (Portugal) 07 : 10 PM to 07 : 55 PM (Central Europe) + 20 minutes of questions | Towards a science of experience: Outlining some challenges and future directions <u>Camila Valenzuela-Moguillansky and Ema Demšar</u> |
| 02 : 20 PM to 03 : 05 PM (Canada and Chile) 03 : 20 PM to 04 : 05 PM (Brazil) 07 : 20 PM to 08 : 05 PM (Portugal) 08 : 20 PM to 09 : 05 PM (Central Europe) + 20 minutes of questions | Enaction in artistic training. Experience and creation <u>Sylvie Morais</u> |
| 03 : 30 PM to 04 : 15 PM (Canada and Chile) 04 : 30 PM to 05 : 15 PM (Brazil) 08 : 30 PM to 09 : 15 PM (Portugal) 09 : 30 PM to 10 : 15 PM (Central Europe) + 20 minutes of questions | Enactive creation and enactive pedagogy: experiments, assessment, perspective, foresight <u>Ivan Magrin-Chagnolleau</u> |
| 04 : 35 PM to 05 : 00 PM (Canada and Chile) 05 : 35 PM to 06 : 00 PM (Brazil) 09 : 35 PM to 10 : 00 PM (Portugal) 10 : 35 PM to 11 : 00 PM (Central Europe) | Debate and closure |



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August 27th 2021

| Morning session — 8:30 AM to 12:15 PM (Canada and Chile) | |
|--|---|
| 08 : 30 AM to 08 : 40 AM (Canada and Chile) 09 : 30 AM to 09 : 40 AM (Brazil) 01 : 30 PM to 01 : 40 PM (Portugal) 02 : 30 PM to 02 : 40 PM (Central Europe) | Welcome of participants and presentation of speakers Maria Grullon - Master of ceremonies |
| 08 : 40 AM to 09 : 10 AM (Canada and Chile) 09 : 40 AM to 10 : 10 AM (Brazil) 01 : 40 PM to 02 : 10 PM (Portugal) 02 : 40 PM to 03 : 10 PM (Central Europe) | Closing conference (summary of the first 4 days) <u>Eduardo Passos, Germain Poizat, Luc Ria and Julia San Martin</u> |
| 09 : 10 AM to 11 : 10 AM (Canada and Chile) 10 : 10 AM to 12 : 10 PM (Brazil) 02 : 10 PM to 04 : 10 PM (Portugal) 03 : 10 PM to 05 : 10 PM (Central Europe) | Roundtable Hervé Breton – Médiateur Confirmed speakers Abdou Simon Senghor; Ana Teixeira de Melo; Ariane Quintal; Brice Favier-Ambrosini; Cael M. Cohen; Camila Valenzuela-Moguillansky; Daniel Hutto; Deli Salini; Eric Racine; Erik Myin; Ivan Magrin-Chagnolleau; Jacques Theureau; Marek McGann; Matthieu Quidu; Michel Bitbol; Miguel Nicolelis; Olivier Gapenne; Sebastjan Vörös; Shaun Gallagher; Sylvie Morais |
| 11 : 10 AM to 12 : 10 AM (Canada and Chile) 12 : 10 AM to 13 : 10 PM (Brazil) 04 : 10 PM to 05 : 10 PM (Portugal) 05 : 10 PM to 06 : 10 PM (Central Europe) | Debate |
| 11 : 10 AM to 12 : 15 AM (Canada and Chile) 13 : 10 AM to 13 : 15 PM (Brazil) 05 : 10 PM to 05 : 15 PM (Portugal) 06 : 10 PM to 06 : 15 PM (Central Europe) | Closing speech <u>Valérie Amiraux</u> (Vice-rector for Vice-Rectorate for Community and International Partnerships) |



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Day 1 — Opening of the colloquium — August 23rd 2021

Morning session — 8:30 AM to 12:00 PM (Canada and Chile)



Sebastjan Vörös is Assistant Professor of Philosophy at the University of Ljubljana in Slovenia. His research interests span philosophy and history of science, epistemology, phenomenology, and Buddhist philosophy. He translated several articles and books from these fields to Slovene, including, among others, *The Varieties of Religious Experience* by William James, and *The Embodied Mind* by Francisco Varela, Evan Thompson, and Eleanor Rosch. In addition, he authored *Podobe neupodobljivega* (*The Images of the Unimaginable*), in which he addresses mystical experiences from neuroscientific, phenomenological, and epistemological perspectives to uncover new ways to study them. He is also the head of the institute-in-the-making *Metanoia*, in the context of which he is currently hosting a seminar series on the life and work of Francisco Varela.

Conference title (VOA) : A Casual Stroll through (& around) the Worlds of Enaction

Title to come

This conference will offer a general introduction to enaction and will culminate with the introduction of the keynote speaker, Michel Bitbol..



Michel Bitbol is CNRS Emeritus Research Director at the Husserl Archives, ENS, Paris. After pursuing scientific research from 1978 to 1990, he turned to the philosophy of physics. He edited texts by Erwin Schrödinger, and developed a neo-Kantian interpretation of quantum mechanics. In 1997, the Academy of Moral and Political Sciences awarded him a prize in the philosophy of science. Subsequently, he focused on the links between the philosophy of quantum theory and the philosophy of mind. He developed a conception of consciousness inspired by an epistemology of first-person knowledge, and recently published a reply to "speculative realism".

Title of the opening conference (VFR) :

Enactive quantum physics: Cognitive QBism (Quantum Bayesianism)

QBism (Quantum Bayesianism) is a minimalist but daring interpretation of quantum theory, which allows its "paradoxes" to be dried up at their source. The quantum physicist seen by QBism does not describe a pre-existing "outside world". Instead, it anticipates the phenomena that emerge from the interaction between "physical systems" and a predicted agent of instrumental prostheses, the bets of each agent on the phenomena it brings out.

The QBist design is comparable to the enactive theory of cognition. I distinguished two lectures. According to the external reading of enaction, knowledge and the known world co-emerge from a coupling between the embodied subject and his environment. According to its internal, phenomenological reading, knowledge is a process of creation of meaning, which associates with each class of perceptions procedures of adaptive anticipation. The articulation between external and internal conceptions of enaction will be used to defuse the tension between the "objectivist" and "subjectivist" aspects of QBism.



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Afternoon session — 01:00 PM to 04:00 PM (Canada and Chile)



Olivier Gapenne received his Ph.D. in cognitive psychology in 1994 from the University Rene Descartes in Paris. Since 1997, he was a lecturer and then a full professor in Cognitive Science at the “université de technologie de Compiègne” (UTC). He lead the Cognitive Research and Enaction Design group during 7 years till 2012 at the Costech Lab. The core topic of his research was the experimental study and the modeling of the emergent perceptual activity through sensory substitution technology. From 2006 to 2009 he co-organized a research summer school on the topic “Constructivism and Enaction: A new paradigm for cognitive science”. He was the director of the Doctoral School of the UTC between 2012 and 2017 and then deputy director of the university till December 2020. Since 2019, he manages a new team dedicated to intelligence design for analysts and policymakers.

Conference title (VOF) :

Enaction design: a relational engineering project

In 2005, within the Costech research unit of the University of Technology of Compiègne, we created a team called "cognitive research and enaction design" (CRED), which still exists to this day. The "enaction design" proposal was itself the product of a research enterprise born in the mid-1980s at this university and which fostered the meeting of cognitive sciences inspired by the second cybernetics with a general reflection on the technical fact. The synthesis of this meeting is a general thesis formulated as follows: technique as anthropologically constitutive or constituent (implied by human experience). From there, "enaction design" is presented as a relational engineering attentive to the genesis and transformation of the signifying experience of the actors, a lived experience constrained and empowered by the technical context with which they continuously engage, bringing about their worlds. The conference will go into the details of this business of realization.



Matthieu Quidu, a former student of the École normale supérieure de Rennes (Sports Sciences and Physical Education department), is associate professor of PE at the ENS de Lyon. Holder of a doctoral thesis in STAPS, he is an associate researcher at the Laboratory on Vulnerabilities and Innovation in Sport (L-VIS, Université Lyon 1). He develops research in the fields of sociology and philosophy of sport as well as epistemology. In this context, were particularly analyzed the emergence of methodologies aimed at the articulation and confrontation of heterogeneous data (in 1st and 3rd person) in the understanding of human activity as well as the possibilities of a real-time self-explanation of sports experience.

Conference title (VOF) :

Interests and limits of real-time self-explanation for documenting the athlete's experience: the case of a study on quantified running - Matthieu Quidu and Brice Favier-Ambrosini

Our methodological discussion is based on a phenomenologically inspired study of the experience of runners self-quantifying using portable digital devices. We have implemented a protocol allowing subjects, equipped with a dictaphone, during their running session and in real time, to verbalize the dynamics of their thoughts, emotions



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and feelings. It will be a question of appreciating their interests and limits, by confronting them in particular with retrospective type methodologies (self-confrontation and explanation), in-situ interviews (running interviews) and the “thinking aloud” protocol. Real-time self-explanation is relevant so as not to break the continuous flow of lived experience, but it inevitably impacts it. Like the “observer effect” highlighted by Bohr and then Devereux, a “self-observing effect” will be put forward: the simple fact of having to explain your experience during your sporting activity transforms it. The researcher must therefore control the deformations specifically induced by his protocol.

Day 2 — Conferences — August 24th 2021

Morning session — 8:00 AM to 12:00 PM (Canada and Chile)



Dan Zahavi is Professor of Philosophy at the University of Copenhagen and the University of Oxford, and director of the Center for Subjectivity Research in Copenhagen. Zahavi’s primary research area is phenomenology and philosophy of mind, and their intersection with empirical disciplines such as psychiatry and psychology. In addition to a number of scholarly works on the phenomenology of Husserl, Zahavi has mainly written on the nature of selfhood, self-consciousness, intersubjectivity, empathy, and most recently on topics in social ontology.

His most important publications include *Self-awareness and Alterity* (1999/2020), *Husserl’s Phenomenology* (2003), *Subjectivity and Selfhood* (2005), *The Phenomenological Mind* (together with Shaun Gallagher) (2008/2012/2021), *Self and Other* (2014), *Husserl’s Legacy* (2017), and *Phenomenology: The Basics* (2019).

Conference title (VOA) :

Pure and applied phenomenology

At its core, phenomenology is a philosophical endeavour. Given its distinctly philosophical nature, one might reasonably wonder whether it can offer anything of value to positive science. Can it at all inform empirical work? There can, however, be no doubt about the answer to these questions. For more than a century, phenomenology has provided crucial inputs to a variety of disciplines in the social sciences and the humanities, including psychology, sociology, and anthropology. Within the last few decades, phenomenology has also been an important source of inspiration, not only for theoretical debates within qualitative research but also for ongoing research within the cognitive sciences. But what is the best way to practice, use and apply phenomenology in a non-philosophical context? How deeply rooted in phenomenological philosophy must the empirical research be in order to qualify as phenomenological? How many of the core commitments of phenomenology must it accept? In my talk, I will discuss and assess some different answers to these questions.



Thomas Fuchs, MD, PhD, is Karl Jaspers Professor of Philosophy and Psychiatry at Heidelberg University, Germany. His main areas of research include phenomenological philosophy and psychopathology, embodied and enactive cognitive science, and interactive concepts of social cognition. Professor Fuchs has authored over 350 journal articles, book chapters and several books. He is editor-in-chief of “Psychopathology” and president of the European Association of Phenomenology and Psychopathology. Recent publication: *Ecology of the*



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Brain. The Phenomenology and Biology of the Embodied Mind. Oxford University Press, 2018. Upcoming: In Defense of the Human Being. Foundational Questions of an Embodied Anthropology. Oxford University Press, 2021

Conference title (VOA) :

The circularity of the embodied mind

The lecture explores the concept of circularity as a means of explaining the relation between the phenomenology of lived experience and the dynamics of organism-environment interactions. It will be developed in a threefold way: (1) as the circular structure of embodiment, which manifests itself (a) in the homeostatic cycles between brain and body, (b) in the sensorimotor cycles between brain, body and environment, (c) in the interdependence of an organism's dispositions of sense-making and the affordances of the environment; (2) as the circular causality which characterizes the relation of parts and whole within the living organism as well as within the organism-environment system; (3) as the circularity of process and structure in development and learning. Here I will argue that subjective experience constitutes a process of sense-making that entrains neurophysiological processes so as to form modified neuronal structures, which in turn enable altered future interactions. On this basis, embodied experience may ultimately be conceived as the integral of current organism-environment interactions, which has a top-down, formative or ordering effect on physiological processes.



Shaun Gallagher is the Lillian and Morrie Moss Professor of Excellence in Philosophy at the University of Memphis, and Professorial Fellow at the School of Liberal Arts, University of Wollongong. He held the Humboldt Foundation Anneliese Maier Research Fellowship (2012-18). His publications include *Action and Interaction* (2020); *Enactivist Interventions: Rethinking the Mind* (2017); *The Neurophenomenology of Awe and Wonder* (2015); *Phenomenology* (2012); *The Phenomenological Mind* (3rd edition with Dan Zahavi, 2020); *How the Body Shapes the Mind* (2005); editor: *Oxford Handbook of the Self* and *Oxford Handbook of 4E Cognition*. He's editor-in-chief of the journal *Phenomenology and the Cognitive Sciences*.

Conference title (VOA) :

Pragmatism in cognitive science: Before and after enactivism

In recent years numerous researchers have discussed a pragmatic turn in cognitive science. The general consensus is that this turn, or return to pragmatism is closely tied to the advent of non-representational embodied cognition (EC) sometimes referred to as 4E (embodied, embedded, extended and enactive) cognition. In some regards the pragmatic turn just is this turn to embodied action-oriented cognition that came to the fore starting in the 1990s. I'll argue, however, that this is an oversimplification in a number of ways. First, in regard to the timing; second in regard to how pragmatism may have already been influencing mainstream cognitivists even prior to the turn to EC; and third, in regard to how pragmatism relates, somewhat unevenly, to the variety of EC theories.



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Afternoon session — 01:00 PM to 05:00 PM (Canada and Chile)



Éric Racine is the author of several books including *Pragmatic Neuroethics* published by MIT Press and *Research Involving Participants with Cognitive Disability and Differences: Ethics, Autonomy, Inclusion, and Innovation* edited with Ariel Cascio and published at Oxford University Press. Racine is the author of 200 peer-reviewed publications on pragmatic ethics theory and various problems in health ethics. His research aims to bring to the forefront the lived experience of ethically problematic situations by patients and stakeholders and then to resolve them collaboratively through deliberative and evidence-informed processes. He is a Fellow of the Canadian Academy of Health Sciences and board member of the International Neuroethics Society, the Fonds de recherche du Québec –Santé, and the Standing Committee on Ethics of the Canadian Institutes of Health Research.

Conference title (VOF) :

Theoretical, methodological and practical development of a pragmatism-inspired ethics and its links to action

Eric Racine, Ariane Quintal and Abdou Simon Senghor

Pragmatist thinking links up with certain aspects of enaction as developed by its main theorists (Gallagher, 2014). In order to reflect on the synergies between these movements, we will present the orientations of a research program dedicated to the theoretical, methodological and practical exploration of pragmatist-inspired ethics. First, we will review the pragmatist ethics developed by our interdisciplinary research team working in health ethics. We will emphasize the roles played by situational understanding of moral issues, the experiential and existential anchoring of human values, scenario-based deliberation and imagination, enaction as an approach to the implementation of ethics, and participatory methodologies to develop what we call a “living ethic”. Then, we will present work in progress defining the experiential nature of ethical deliberation as well as the evaluation of its dialogical and pedagogical contribution. Finally, we will present an action-participatory research project aiming to better understand the experience and to equip people with rare diseases.



Deli Salini Deli Salini is a Doctor of Educational Sciences (adult education field), Senior Researcher and Teacher at the Istituto universitario federale per la formazione professionale - IUFPF- as well as an associate member of the CRAFT “Conception, recherche, action, formation, travail” of the University of Geneva. Her areas of research lie in activity analysis, particularly in the Course of Action program, from a perspective that articulates the enactive approach to the semiotics of Peirce. Her studies and teaching focus on lifelong counseling and training practices in connection with the dynamics of anticipation; promoting learning acquired in extracurricular fields; the mimetic dimensions of learning and imaginative activity.

Conference title (VOF) :

Individuation, through and beyond dead ends. The scope of the abductive and iconic dimensions of meaning in an enactive and semiological conception of experience



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This contribution addresses the issue of the "dead end" experience in the individuation process. As part of the course of action research program, it is based on the activity-sign hypothesis - which articulates the enactive perspective and the semiotics of Peirce - as well as on the notion of individuation of Simondon. After putting into perspective how the question of meaning is taken up by various authors taking part in the enactive approach, we underline the significance of the experience of uncertainty in the face of breakdowns in anticipation, which can generate experiences of dead end in individual experience. These dead ends express a withdrawal of the dynamic of meaning as well as a hindrance to the experience of the continuity of time. The abductive and iconic dimensions of meaning therefore play an essential role in "going beyond" them and facilitating the acquisition of new knowledge and the revival of individual developmental dynamics. Likewise, they seem essential to us for thinking about the development of collectives, as well as for imagining future scenarios from the active perspective.



Ana Teixeira de Melo is a researcher at the Centre for Social Studies, University of Coimbra. She holds a PhD in Clinical Psychology, by the University of Coimbra and the title of Specialist in Clinical Psychology, Sub-Speciality in Community Psychology by the Portuguese Order of Psychologists. Her work focuses the investigation of family change and resilience processes from a complex systems perspective. Her research also encompasses the theme of Complex Thinking. She is interested in the investigation of processes for the management of change through real world interventions regarding complex systems. She also researches Inter/Transdisciplinarity from a relational, complex systems approach. She is an associate of the York Cross-Disciplinary Centre for Systems Analysis, of the University of York, and a member of the Executive Committee and Council of the Complex Systems Society.

Conference title (VOA) :

Enhancing clinical intuition as second-order complex thinking: Enactivist foundations and challenges

In this paper, we approach the notion of clinical intuition from a complex thinking perspective, as second-order or emergent complex thinking. This proposal is based on a recent conceptualisation of complex thinking, with foundations in an enactive view of cognition and a relational worldview. We will discuss the theoretical, methodological and pragmatic challenges posed to and by a research program focused on the development of a process of complex case conceptualisation aimed at supporting family support practitioners dealing with complex cases. This research involves the design and evaluation of protocols and strategies to help practitioners enact core organisational properties of the complexity in living and human social systems, at the level of their own thinking, to manage its unfolding, and their experiences, as contributions to the coupling process. Under given conditions, new (relational) information (differences) may emerge, through the coupling process, in the form of clinical hypotheses (descriptions, explanations, anticipations) which may guide decision-making and the management of the change processes in conditions of significant uncertainty and limited information.



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Day 3 — Conferences — August 25th 2021

Morning session — 8:00 AM to 12:00 PM (Canada and Chile)



Erik Myin has published in philosophical, interdisciplinary and scientific journals. Two books, *Radicalizing Enactivism: Basic Minds without Content*, and *Evolving Enactivism: Basic Minds Meet Content*, written with Dan Hutto, were published by MIT Press in 2013 and 2017. In these it is argued that experience and cognition fundamentally are, and should be understood in terms of, histories of organism/environment interaction. Contentful representation and computation are not basic but should themselves be explained as having gradually evolved in a sociocultural context. Radical Enactive or Embodied Cognition (REC) offers the most promising way forward for understanding all aspects of mind and cognition, from perception to thinking. Currently Erik Myin is working on, inter alia, an alternative to the established story with which philosophy of mind is introduced in contemporary textbooks.

Conference title (VOA) :

Massive Experiential Bloat

Experience and the mind in general, so I will claim, is temporally extended, and massively so. Moreover, for many mental phenomena, this temporal extension is stronger than “merely causal”. What is experienced now, for example, is what it is because of its past and future. Without its very specific history, this experience could not occur. Massive experiential bloat runs counter to established intuitions about causality and explanation. But causality and explanation require historical bloat themselves, or so I will argue. I’ll show how bloat is present by highlighting the role of anticipation in memory. What we remember often depends on our habits and acts of anticipation, and such spread in time, taking memory with them in an extensive temporal flow. Bloat has practical consequences, when we want to intervene on experiences. Bloat also has consequences for how to think philosophically about minds—it introduces a factor of perennial indeterminacy.



Daniel D. Hutto is Senior Professor of Philosophical Psychology and Head of the School of Liberal Arts at the University of Wollongong. He has been awarded 12 external research grants and is the author of award-winning, highly cited research, with 7 books (3 with MIT Press) and over 130 research papers in peer-reviewed journals and books chapters to his name. He is regularly invited to speak internationally, not only at philosophy conferences but at expert meetings of anthropologists, clinicians, educationalists, narratologists, neuroscientists and psychologists.

Conference title (VOA) :

Going Radically Enactive: Why, and What Follows?

Enactive, embodied approaches to cognition come in conservative and more radical varieties. Those on the radical end of the spectrum assume that minds are constituted by intelligent activity as opposed to standing apart from it and directing it. As such, radical of E-cognition directly challenge traditional representational-computational theories of mind and cognition. As they have gained traction over the years they have been heralded as a new



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paradigm for the sciences of the mind. This presentation: explains why some radical E-approaches qualify as truly revolutionary; motivates 'going radical' over 'remaining conservative'; and examines the practical implications 'going radical' has in the domains of education and training.



Sebastjan Vörös is Assistant Professor of Philosophy at the University of Ljubljana in Slovenia. His research interests span philosophy and history of science, epistemology, phenomenology, and Buddhist philosophy. He translated several articles and books from these fields to Slovene, including, among others, *The Varieties of Religious Experience* by William James, and *The Embodied Mind* by Francisco Varela, Evan Thompson, and Eleanor Rosch. In addition, he authored *Podobe neupodobljivega* (*The Images of the Unimaginable*), in which he addresses mystical experiences from neuroscientific, phenomenological, and epistemological perspectives to uncover new ways to study them. He is also the head of the institute-in-the-making *Metanoia*, in the context of which he is currently hosting a seminar series on the life and work of Francisco Varela.

Conference title (VOA) :

What Does it mean to be a Reflective Scientist? The Contours of Ouroboric Thought

The paper explores the trope of a “reflective scientist”. The trope seems to have played an important role in the foundational years of enactive approach, but has fallen by the wayside in the subsequent developments of the field. The main of the paper is to address the question as to what it means to reflexively apply the notion of enaction to the scientist him/herself: if cognition does not stand for representation of the objective world (self-subsistent reality) but for bringing forth (en-acting) of a milieu (organism-related domain of meaning), what does this mean for the nature of scientific cognition and science in general? By drawing on the insights from the life-science debates in the first half of the 20th century about the life-mind and organism-milieu relation, I will try to flesh out the notion of so-called “ouroboric thought”, a type of reflection which steers the middle path between disembodied intellection and lived sensation.

Afternoon session — 01:00 PM to 04:00 PM (Canada and Chile)



Dr Miguel Nicolelis Dr. Miguel Nicolelis is the Duke School of Medicine Distinguished Professor of Neuroscience, Professor of Neurobiology, Biomedical Engineering, Psychology and Neuroscience, and founder of Duke's Center for Neuroengineering. He is founder and Scientific Director of the Edmond and Lily Safra International Institute for Neuroscience of Natal; and founder of the Walk Again Project, an international consortium of scientists/engineers, dedicated to developing an exoskeleton device to assist paralyzed patients in regaining their mobility. As a world-renowned leader in understanding the physiological principles that govern mammalian brain circuits, their dynamics and plastic potential in freely behaving animals, Dr. Nicolelis worked to integrate this knowledge with a variety of engineering and computer science tools to create a new paradigm - brain-machine interfaces - which launched the field of neuroengineering. Dr. Nicolelis led the creation



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of a new generation of neuroprosthetic devices which will likely change the future face of clinical neurology and neurosurgery.

Conference title (VOA) :

A View of the Future for BMI Basic Research and Clinical Applications

In this talk I will initially discuss how BMI experiments will continue to play a major role in basic research by showing how they have already allowed us to demonstrate the existence of a variety of neurophysiological functions, such as space coding and social interaction mapping, not commonly associated with the motor cortex of non-human primates. I will also describe a combination of approaches that will allow BMI to fulfill its long-anticipated mission of providing new therapies for patients suffering from severe spinal cord injuries. In this context, I will describe the clinical advantages of a protocol that combines multiple non-invasive techniques into a single neurorehabilitation approach for such patients.



Marek McGann, Marek is a lecturer in the Department of Psychology, MIC, Limerick. His work examines enactive and ecological approaches to cognitive science, and issues surrounding scientific practice in psychology. He co-cvenes (with Matthew Egbert, University of Auckland) the ENSO Seminars series of online discussions.

Conference title (VOA) :

Wayfaring, Entangled, Bodies

Enactive thinking is known for being an "embodied" approach to understanding mental phenomena. The body is sometimes described as the origin of basic values, which become the driving force for self-organising complex adaptive systems of body-environment interaction. A strong focus on the body plays both a theoretical role - offering ways to naturalise value and meaning - and a rhetorical one - providing an anchor for a new mode of thinking for those unhitching themselves from neuro-centric and abstract computational approaches. But how we think about the enacted body matters a great deal. Enactive thinking has converged with the themes of a number of longer-standing feminist perspectives about the complex, dynamic aspects of embodiment, which entangle physical, biological, social, cultural, and other flows of activity. These flows which gives rise to the kinds of animating dynamics that enactivists have drawn upon in their naturalised notions of value and meaning. In this talk I want to explore some of the ways in which the enacted body arises, and how understanding as a dynamic entanglement of values leads to particular ways of thinking about experience and action.



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Day 4 — Conferences — August 26th 2021

Morning session — 8:00 AM to 12:00 PM (Canada and Chile)



Jacques Theureau, former researcher at the National Center for Scientific Research (CNRS), now retired, received training in engineering, but also in economics and statistics, then in physiology of work and ergonomics. Since 1987, he initiated and developed, with other researchers and practitioners, a so-called "course of action" research program, which is part of the enaction paradigm. and added several theoretical hypotheses and heuristic means, in order to contribute to the analysis of human activities and to the engineering of situations in all their generality. He has published several books and numerous journal articles and book chapters, in French, English, Portuguese (Brazil), and Spanish (see the list of publications and a choice of downloadable texts on the site: <www.coursdaction.fr>).

Conference title (VOF) :

Enaction, Epistemology & Political Science

My experience of the civil war [in Chile] taught me that epistemology (...) shapes the world we live in and the human values that we live in." I extract this quote from a text by Francisco Varela where he talks about his experience of the day of the coup d'état of the Chilean generals in 1972 which pushed him into exile: that of the abandonment of all his certainties about the world he lived in, facing an event for which his research and teaching work had not prepared him, and which was the product of a long process - Francisco Varela speaks of "a process of extreme polarization of the Chilean' society ", that his certainties and his work had prevented him from perceiving. The epistemology of which he speaks is manifold: that of researchers like him; those of those who, like him, participated in the current cultural and social progress; those of the actors and supporters of the military putsch. This thesis questions "political science". It was not extended by the enactive research beyond what Francisco Varela wrote in the remainder of this text. However, we can rely on them to initiate this extension, as I propose to do.



Natalie Depraz is Professor of Contemporary Philosophy, German and Phenomenology and currently holder of the Chair of Excellence Phenomenology of Deep Learning at Galatasaray University in Istanbul. Her research is at the crossroads of micro-phenomenology, first-person methods and experimental sciences. She recently forged the paradigm of "cardiophenomenology", in the extension of the neurophenomenology of F. Varela with whom she closely collaborated for nearly 5 years around the publication of a book *On becoming aware. A pragmatics of experiencing* (2003/2011). Cardiophenology places the emotions at the center of the interface between first and third people, and more particularly the heart as an affective center and the central physiological prism of our body. In this regard, her latest posts concern attention and surprise.



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Conference title (VOF) :**Enaction and microphenomenology**

What is the share of surprise and novelty in a microphenomenological explanation interview? How is the relationship between interviewee and interviewer placed under the sign of surprise? How does the novelty of the experience discovered during an interview offer an important criterion for the success of an interview?

Here I will reread the Varelian epistemology of enaction in the light of the surprise model within the framework of microphenomenology.



Cael Cohen has a PhD in Philosophy of Education from the Ontario Institute for Studies in Education, University of Toronto. She teaches critical thinking, conceptual analysis, argument, argumentation, in the Department of Philosophy, and business ethics at the Schulich School of Business, York University, Toronto. Cohen's research weaves together complexity theory, emergence theory, enactive cognitive science, ecological thinking, and Buddhist psychology while drawing on the philosophy of John Dewey, Evan Thompson and Maurice Merleau-Ponty.

Her expertise is in philosophy of education, eLearning and online education, enactive cognitive science, philosophy of embodiment and philosophy of emotions. She is developing a theory and pedagogy of “Enactive eLearning.”

Conference title (VOA) :**Is the ship the cause of the wake, or is the wake the cause of the ship? Towards a broad enactive approach to eLearning**

The theme of this presentation is the potential of a broad enactive approach to transform the theory and practice of eLearning. I begin with a thought experiment suggesting the transformational power of a broad enactive approach: “Does the ship cause the wake, or the wake cause the ship?” This presentation suggests a framework for future research on the topic of enaction and eLearning and makes three main points. (1) A broadening of the enactive approach in cognitive science is mirrored by a narrowing of the enactive approach in education giving rise to limitations and challenges. (2) Grasping that eLearning is enaction, not self-action or inter-action, shows the transformative power of enactive eLearning. (3) A case study of an eLearning course suggests that effective, deep, and engaging eLearning is enactive. I explain how enactive eLearning fundamentally rethinks what it means to learn and think and transforms how we understand evolution and information.

Afternoon session — 01:00 PM to 05:00 PM (Canada and Chile)

Camila Valenzuela-Moguillansky is researcher at and founder of the Centro de Estudios Laboratorio de Fenomenología Corporal, Chile. She obtained her PhD in cognitive sciences from the Université Pierre et Marie Curie, France, under the direction of Claire Petitmengin and Kevin O'Regan. Biologist, dancer and yoga practitioner, she is interested in the mechanisms underlying body awareness and how they participate in the construction of the sense of self. She has researched the relationship between body awareness and pain, focusing

on the lived experience. For more than ten years she has been using first-person methodologies and is currently



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interested in the development of this approach by addressing the methodological, conceptual and epistemological challenges involved in the study of experience from an enactive approach.

Conference title (VOA) :

Towards a science of experience: Outlining some challenges and future directions - Camila Valenzuela-Moguillansky and Ema Demšar

The study of experience has been installed as a relevant element in the study of cognitive phenomena. However, its incorporation into cognitive science has been largely done by following an objectivist frame of reference, without reconsidering the practices and standards involved in the process of research and validation of the results. This has given rise to a number of issues that reveal inconsistencies in the understanding and treatment of some crucial aspects of first-person research. In this presentation, we will outline a research proposal that aims at contributing in the establishment of a framework for the study of experience that addresses these inconsistencies. Particularly, we will identify challenges facing the study of experience – in particular those linked to the understanding of memory, expression, and intersubjectivity in exploring experience – and propose to reframe them under the enactive approach. Moreover, we will explore the prospect of gaining insight into theoretical and methodological strategies for dealing with these issues by extending our vision beyond the field of cognitive science to its neighboring fields, focusing on the field of somatic practices.



Sylvie Morais is a visual artist who became a teacher and then a doctorate in Educational Sciences, Sylvie Morais is a professor of artistic training theory at UQAC. An associated researcher with the GREX, EXPERICE and CREA collective arts education research groups, her research has opened up to phenomenology, which will lead her to tinker with an enactive pedagogy in arts education. Her book project on the theme of enaction as a vector of transformation takes into account the autopoietic side of artistic creation. Her areas of study

mainly focus on the didactics of interdisciplinary arts, action-creation research and biographical research in education.

Conference title (VOF) :

Enaction in artistic training. Experience and creation

This presentation is the result of reworking my doctoral thesis in educational sciences, specializing in arts education. By questioning myself on the reasons why action, like a red thread, accompanied my pedagogical intuition, I retrace the path of thought as I have traveled, lived and experienced it. Defending such an intuition, however, requires deference to cognitive psychology and neuroscience, because our field of research, the plural sciences of education, tends to be interested in the biological, psychological and social roots of learning. We will therefore present how the notion of enaction was concretely introduced into our artistic pedagogy, so as to open the discussion on its issues in teaching.



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Ivan Magrin-Chagnolleau Ivan Magrin-Chagnolleau is a philosopher artist born in Paris. He devotes much of his life to artistic creation, particularly in film, theater, photography, music and writing. He has been in turn actor, singer, director, author in about fifty projects in the theater and in the cinema. He has also practiced photography since childhood and has participated in several biennials and group exhibitions. He has already published two photography books, *Muir Woods Spirits* in 2017, and *Handscapes* in 2020. Ivan is also dedicated to academic research and teaching, particularly in art and philosophy. He is particularly interested in the creative process, the connection between art and spirituality, and the importance of rehabilitating love as an essential value.

Conference title (VOF) :

Enactive creation and enactive pedagogy: experiments, assessment, perspective, foresight

I came into contact with enaction by chance in 2011. A colleague forwarded me a call for chapters for a book dedicated to enaction in the arts. I didn't know anything about enaction, but reading the argument of the appeal, I had an (enactive?) experience. What that appeal described made total sense to me. So I decided to answer it, and I immersed myself in many readings in the subject of enaction, and in particular the book "The Embodied Mind." Enaction quickly became one of my research topics. I first explored the concept of action applied to the creative process, especially for this call, and also by participating in several conferences on or around this theme. I have also endeavored to try to construct interventions that allow this concept of enaction to be experienced in real time. I also explored the application of the concept of enaction in pedagogy, and enactive pedagogy in turn became one of my research themes. I will take stock of this work and suggest some possible extensions.



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Day 5 — Round Table — August 27th 2021

Morning session — 8:30 AM to 12:15 PM (Canada and Chile)

Closing conference (VOF) :

Enaction in perspective and in foresight

The **scientific committee**, made up of Marc Durand, Francisco A. Loiola, Eduardo Passos, Germain Poizat, Luc Ria, and Julia San Martin, will provide feedback on the first 4 days of the colloquium in order to open the roundtable. All speakers will then be invited to discuss the perspectives of enaction, and more specifically its prospects.

Roundtable (VOA and VOF)



Hervé Breton (Roundtable's mediator) is HDR lecturer in education and training sciences, at the University of Tours, EA7505-EES, France. His research focuses on narrative practices in education, adult training and health. He is vice-president of the Association internationale des histoires de vie en formation (ASIHVIF) and co-director of the journal "Chemins de formation".

Confirmed speakers

Abdou Simon Senghor; Ana Teixeira de Melo; Ariane Quintal; Brice Favier-Ambrosini; Cael M. Cohen; Camila Valenzuela-Moguillansky; Daniel Hutto; Deli Salini; Eric Racine; Erik Myin; Ivan Magrin-Chagnolleau; Jacques Theureau; Marek McGann; Matthieu Quidu; Michel Bitbol; Miguel Nicolelis; Olivier Gapenne; Sebastjan Vörös; Shaun Gallagher; Sylvie Morais

The roundtable will be followed by a session open to the public.

4. Interpreters

Qualified interpreters will provide simultaneous interpretation service into English, Spanish, French, and Portuguese.

INTERPRÉTATION Joseph Blain Inc.



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5. Scientific committee



Chairman of the scientific committee

Marc DURAND

Honorary professor
University of Geneva



Francisco A. LOIOLA

Full professor
Post-Secondary Education Microprogram Coordinator
Co-founder of GRIMTÉ
Université de Montréal
Faculty of Education
Psychopedagogy and andragogy Department



Eduardo PASSOS

Full professor
Coordinator of the Enativos research group: knowledge and care
Psychology Institute
Fluminense Federal University



Germain POIZAT

Associate professor
Director of the CRAFT team
Faculty of Education
University of Geneva



Luc RIA

Professeur
Director of the French Institute of Education
École normale supérieure (ENS) of Lyon
UNESCO Chair « Training teachers for the 21st century »



Julia SAN MARTIN

Associate professor
Head of undergraduate school
University of Aysén
Faculty of Human and Social Sciences



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6. Organizing committee, practical information and contacts



Maria del Carmen GRULLON CARVAJAL
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 Scientific coordinator
 Lecturer
 Co-founder of GRIMTÉ
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Silvia Mirlene NAKANO KOGA
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Letícia RENAULT
 Doctor of Psychology, PhD
 Postdoctoral researcher
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Professional interpreters will provide simultaneous interpretation of the lectures into English, Spanish, French and Portuguese.

After each presentation, there will be a 20 minutes questions period.

The name of the speaker for each session is underlined.



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7. Identification of the speakers :

BITBOL Michel, Director emeritus of research at CNRS, Archives Husserl, École Normale Supérieure of Paris, France

BRETON, Hervé, HDR lecturer in education and training sciences, at the University of Tours, EA7505-EES, France

COHEN Cael, Professor, York University, Department of Philosophy, Canada

DEPRAZ Natalie, Professor, Université de Rouen Normandie, UFR Lettres et sciences humaines, département de philosophie/Archives-Husserl, École Normale Supérieure of Paris (ENS-CNRS), France

FUCHS Thomas, Full professor, University of Heidelberg, Faculty of Medicine, Clinic of General Psychiatry, Germany

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