



# QUEBEC-MEXICO DIALOGUE ON RESPONSIBLE AI

Health, Culture, Environment and Social Justice

Sept 23<sup>rd</sup>-24<sup>th</sup> 2021 - Online



INTERNATIONAL OBSERVATORY  
ON THE SOCIETAL IMPACTS  
OF AI AND DIGITAL TECHNOLOGY



Casa abierta al tiempo

UNIVERSIDAD  
AUTÓNOMA  
METROPOLITANA  
Unidad Cuajimalpa



SEHLAC  
SEGURIDAD HUMANA  
EN LATINOAMÉRICA Y EL CARIBE

## PROGRAM

In the context of the Quebec-Mexico cooperation, and with the support of various representations, OBVIA and Mexican partners are organizing a Quebec-Mexico Seminar on AI on September 23 and 24. This seminar aims to present research projects currently ongoing in Quebec and Mexico in order to make connections and generate future collaborations.

### Public:

- Researchers from Quebec and Mexico
- Representatives and members of the diplomatic delegations of Quebec and Mexico

### Sessions:

- [Session 1. AI and Health \(23 sept. a.m.\)](#)
- [Session 2. AI, Culture and Environment \(23 sept. p.m.\)](#)
- [Session 3. AI, Gender and Social Justice \(24 sept. a.m.\)](#)

### Registration required:

[https://ulaval.zoom.us/meeting/register/u5Asc-6qqTwoGNVh6QSx1IUG8q0oJh\\_OQ2gr](https://ulaval.zoom.us/meeting/register/u5Asc-6qqTwoGNVh6QSx1IUG8q0oJh_OQ2gr)

\*\* Speakers' names are listed in alphabetical order. Facilitators may arrange different orders of presentation.



Montréal time

Mexico time

Day 1 - Thursday Sept 23<sup>rd</sup> 2021

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**Welcome**

9h00 – 9h20

8h00 - 8h20

Lyse Langlois (Executive Director, OBVIA) and Christian Lemaitre (Full Professor, Department of Information Technologies, UAM Cuajimalpa)

**SESSION 1. AI AND HEALTH**

Facilitator: Catherine Régis (Full Professor, Faculty of Law, Université de Montréal)

**Short presentations of researcher's work**

9h20 – 10h30

8h20 – 9h30

- **Faiz Ahmad Khan (Associate Professor, Department of Medicine, McGill University) and Pierre-Marie David (Assistant professor, Faculty of Pharmacy, Université de Montréal)** - AI “solutions” to global health challenges: an inter-disciplinary case study to critically evaluate the development and implementation of an artificial-intelligence based tool for diagnosing tuberculosis, the world’s leading infectious killer.
- **Eduardo Morales (Full Professor, Department of Computer Science, Instituto Nacional de Astrofísica, Óptica y Electrónica)** An AI-based diagnosis system for Covid-19 and other lung diseases using X-rays, CT-Scans, and clinical data.
- **Ulises Moya (AI Director, Gobierno de Jalisco)** AI Based Referral System for Patients With Diabetic Retinopathy in Jalisco,
- **Marie-Pascale Pomey (Full Professor, Department of Management, Evaluation and Health Policy, Université de Montréal), Esli Osmanlliu (Assistant Professor, McGill University Health Centre) and Sylvain Bédard (Patient coordinator)** - Project DIGICIT (DIGItal CITizenship) - Citizen perspectives for a socially acceptable and sustainable use of contact notification technologies in the context of a pandemic

**Round table**

10h30 – 11h10

9h30 – 10h10

- **Philippe Després (Full Professor, Department of Physics, Engineering Physics and Optics, Université Laval)**
- **Émilie Dionne (Institutional Researcher, VITAM - Centre for Sustainable Health Research, Université Laval)**
- **Jesús Favela (Professor, Computer Science Department, CICESE, Ensenada, Baja California)**
- **Enrique Suar (Senior Research Scientist, National Institute for Astrophysics, Optics and Electronics, Puebla, Mexico)**

**Q&A**

11h10 – 11h30

10h10 – 10h30



*Montréal time*

*Mexico time*

## **SESSION 2. AI, CULTURE AND ENVIRONMENT**

*Facilitator: Colette Brin (Full Professor, Department of Information and Communication, Université Laval)*

### **Short presentations of researcher's work**

**15h00 – 16h00**

**14h00 – 15h00**

- **Miguel Equihua (Senior Researcher, Environment & Sustainability; Institute of Ecology, AC – Inecol)** Supporting public policy by assessing with AI the ecosystem condition in space and time.
- **Véronique Guèvremont (Full Professor, Faculty of Law, Université Laval)** - Making AI work for the diversity of cultural expressions : an exploration of the conditions to be met for recommendation algorithms to promote the discoverability of Quebec literary works in the digital environment
- **Sofía Trejo ( Professor, Department of Mathematics, Mexico Autonomous Institute of Technology ITAM; Advisor Committee, Mexico's Federal Institute of Telecommunications)** - Facebook and the Digital Divide: perspectives from Mexico, a country of many Nations.

### **Round table**

**16h00 – 16h40**

**15h00 – 15h40**

- **Miguel Equihua (Senior Researcher, Environment & Sustainability; Institute of Ecology, AC – Inecol)**
- **Jennifer Garard (Research Manager, Sustainability in the Digital Age ; Science Officer, Future Earth)**
- **Paola Ricaurte (Associate Professor, Department of Media and Digital Culture, Tecnológico de Monterrey, Faculty Associate, Berkman Klein Center for Internet & Society, Harvard University)**
- **Stéphane Roche (Full Professor, Department of Geomatics, Université Laval)**

### **Q&A**

**16h40 – 17h00**

**15h40 – 16h00**

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Montréal time

Mexico time

Day 2 - Friday Sept 24<sup>th</sup> 2021

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### **SESSION 3. AI, GENDER AND SOCIAL JUSTICE**

Facilitator: Wanda Muñoz

#### **Short presentations of researcher's work**

9h00 – 10h00

8h00 - 9h00

- **Marc-Antoine Dilhac (Associate Professor, Department of Philosophy, Université de Montréal) and Manuel Morales (Associate Professor, Department of Mathematics and Statistics, Université de Montréal)** - AI and sustainable finance: Project to co-construct digital tools to assist in the collection, identification, systematic monitoring and dissemination of information on the environmental, social and governance responsibilities and transparency of companies and investments.
- **Karine Gentelet (Associate Professor, Department of Social Sciences - Sociology, Université du Québec en Outaouais)** - Data Justice Initiatives by and for Marginalized Groups and Communities
- **Paola Ricaurte (Associate Professor, Department of Media and Digital Culture, Tecnológico de Monterrey, Faculty Associate, Berkman Klein Center for Internet & Society, Harvard University)** - Feminism, AI and digital justice
- **Saiph Savage (Director at Northeastern University & National University of Mexico (UNAM))** - AI as a tool to respond to gender-based violence.

#### **Round table**

10h00 – 10h40

9h00 – 9h40

- **Céline Castets-Renard (Full Professor, Faculty of Law – Civil Law Section, University of Ottawa)**
- **Marisol Flores (Professor, National School of Higher Studies of the National Autonomous University of Mexico, Morelia Campus)**
- **Saiph Savage (Director at Northeastern University & National University of Mexico (UNAM))**

#### **Q&A**

10h40 – 11h00

9h40 – 10h00