

Learning with MOOCs 2020

The 4th Industrial Revolution: Challenges and Opportunities

30 September – 02 October, 2020, Antigua Guatemala, Guatemala

Session Overview

Date: Tuesday, 29/Sept/2020

- 8:00am** **R&H-1: Registration & Help Desk**
- Location: [online support inside ZOOM conference system / Microsoft Teams](#)
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
- 6:00pm**
- 9:00am** **AsynPos: Asynchronous Posters**
- Location: [poster locations inside groups of Microsoft Teams](#)
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
Chair: **Edmundo Tovar**, Universidad Politécnica de Madrid
Chair: **Manuel Castro**, UNED
- 6:00pm**
- 10:00am** **SynPos: Synchronous Posters**
- Location: [poster locations inside groups of Microsoft Teams](#)
Chair: **Maria Mercedes Larrondo Petrie**, LACCEI and Florida Atlantic University
Chair: **Luis Felipe Zapata Rivera**, Embry Riddle Aeronautical University
Chair: **James Sluss**, University of Oklahoma - Tulsa
- 12:00pm**
- 1:00pm** **StComm: Steering Committee Meeting (by invitation only)**
- Location: [online videoconference inside of Zoom Conference System](#)
Chair: **Manuel Castro**, UNED
- 3:00pm**

Date: Wednesday, 30/Sept/2020

- 8:00am** **Open: Opening Session**
- Location: [online videoconference inside of Zoom Conference System](#)
Chair: **Rocael Hernandez Rizzardini**, Galileo University
Chair: **Edmundo Tovar**, Universidad Politécnica de Madrid
Chair: **Manuel Castro**, UNED
- 8:30am**
- 8:00am** **R&H-2: Registration & Help Desk**
- Location: [online support inside ZOOM conference system / Microsoft Teams](#)
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
- 6:00pm**
- 8:30am** **Key-1: Keynote I**
- Location: [online videoconference inside of Zoom Conference System](#)
Chair: **Rocael Hernandez Rizzardini**, Galileo University
Chair: **Edmundo Tovar**, Universidad Politécnica de Madrid
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
- 9:30am**
- [Carla Padrel de Oliveira \(>>>\)](#)
(Rector, Universidade Aberta, Portugal)
- [Travelling with Mocc's: explore boundaries and increase knowledge \(>>>\)](#)
- 9:30am** **Bre-1: Virtual Break**
- Location: [online relaxing zone/networking chat inside Microsoft Teams](#)
- 10:00am**
- 10:00am** **Ses-1: Session I - MOOCs and Professional Development**
- Location: [online videoconference inside of Zoom Conference System](#)
Chair: **Edmundo Tovar**, Universidad Politécnica de Madrid
Chair: **Manuel Castro**, UNED
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
- 12:00pm**
- [Rocael Hernández Rizzardini \(Director Galileo Educational System, Universidad Galileo, Guatemala\) - The 4th Industrial Revolution: Challenges and Opportunities \(>>>\)](#)
- [Dennis Lee \(R&D Director, ASTRI, Hong Kong S.A.R., China\) - AI + IoT + LO = MOOC for SEN \(>>>\)](#)
- [Victor Wong \(CEO, Bridge AI, Hong Kong S.A.R., China\) - MOOC for SEN: Current Status and Major Challenges faced by the Education Industry \(>>>\)](#)
- 12:00pm** **Lun-1: Virtual Lunch**
- Location: [online relaxing zone/networking chat inside Microsoft Teams](#)
- 1:00pm**
- 1:00pm** **Ses-2: Session II - Engineering Education and Personal Vision I**
- Location: [online videoconference inside of Zoom Conference System](#)
Chair: **Barbara Oakley**, Oakland University
Chair: **Jose A. Ruiperez-Valiente**, University of Murcia
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
- 3:00pm**
- [Carina S. González \(Professor, Universidad de La Laguna/Open University of Catalonia, Spain\) - Gender and human-centered approaches for designing technology \(>>>\)](#)
- [Andrea Lara \(Department Director, Universidad Galileo, Guatemala\) - How Can We Encourage More Girls to Become Engineers? \(>>>\)](#)
- [Aruquia Peixoto \(Assistant Professor, CEFET/R, Brazil\) - Online education promoting collaboration of diverse teams: From gender to geographical \(>>>\)](#)
- 3:00pm** **Bre-2: Virtual Break**
- Location: [online relaxing zone/networking chat inside Microsoft Teams](#)
- 3:30pm**
- 3:30pm** **Ses-3: Session III - Assessment and Open edX**
- Location: [online videoconference inside of Zoom Conference System](#)
Chair: **Rebecca Strachan**, Northumbria University
Chair: **Ignacio Despujol**, Universitat Politècnica de València
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
- 5:30pm**
- [Justin Reich \(Director, MIT Teaching System Labs, USA\) - The Three Big Bets of MOOCs and What Comes After \(>>>\)](#)
- [Carlos Delgado Kloos \(Vice President, Universidad Carlos III de Madrid, Spain\) - Adjusting the Parameters of Educational Models \(>>>\)](#)
- [Blanca Amigot Gonzalez \(VP of Partnerships, IBL Education, USA\) - Creating Online Learning Communities During the Pandemic \(>>>\)](#)

Date: Thursday, 01/Oct/2020

- 8:00am** - **R&H-3: Registration & Help Desk**
Location: [online support inside ZOOM conference system / Microsoft Teams](#)
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
- 6:00pm** - **Key-2: Keynote II**
Location: [online videoconference inside of Zoom Conference System](#)
Chair: **Russ Meier**, Milwaukee School of Engineering
Chair: **Carlos Delgado Kloos**, Universidad Carlos III de Madrid
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
[Dan Garcia \(>>>\)](#)
(Teaching Professor, UC Berkeley, USA)
[Achieving CSforALL through the Beauty and Joy of Computing \(BJC\) \(>>>\)](#)
- 9:30am** - **Bre-3: Virtual Break**
Location: [online relaxing zone/networking chat inside Microsoft Teams](#)
- 10:00am** - **Ses-4: Session IV - Prototypes, Analytics and Scalability**
Location: [online videoconference inside of Zoom Conference System](#)
Chair: **James Sluss**, University of Oklahoma - Tulsa
Chair: **Thomas Staubitz**, Hasso Plattner Institute
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
[José A. Ruipérez-Valiente \(Senior Researcher, University of Murcia, Spain & Research Affiliate, MIT, USA\) - Macro MOOC Learning Analytics: Trends Across Global and Regional Providers \(>>>\)](#)
[Anant Agarwal \(CEO, edX, USA\) - The new normal for education \(>>>\)](#)
- 12:00pm** - **Lun-2: Virtual Lunch**
Location: [online inside Zoom Conference Systems](#)
- 1:00pm** - **Ses-5: Session V - 4th Industrial Revolution and co-VID experiences I**
Location: [online videoconference inside of Zoom Conference System](#)
Chair: **Carina Soledad González González**, University of La Laguna
Chair: **Edmundo Tovar**, Universidad Politécnica de Madrid
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
[Kristin Palmer \(Director, Online Learning Programs, University of Virginia, USA\) - The Tipping Point: Reaching Thousands of Learners in Africa through Coursera, WhatsApp, and Regional Partners \(>>>\)](#)
[Barbara Oakley \(Professor, Oakland University, USA\) - The Keys to Making an Engaging Online Course \(>>>\)](#)
[Rebecca Strachan \(Professor, Northumbria University, UK\) - Creating Inclusive Learning Environments \(>>>\)](#)
- 3:00pm** - **Bre-4: Virtual Break**
Location: [online relaxing zone/networking chat inside Microsoft Teams](#)
- 3:30pm** - **Ses-6: Session VI - 4th Industrial Revolution and co-VID experiences II**
Location: [online videoconference inside of Zoom Conference System](#)
Chair: **Luis Felipe Zapata Rivera**, Embry Riddle Aeronautical University
Chair: **Carlos Vaz de Carvalho**, Instituto Superior de Engenharia do Porto
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
[Hamid Doost Mohammadian \(Professor, University of Applied Sciences \(FHM\), Germany\) - The 5th Wave/Tomorrow Age ... \(>>>\)](#)
[Luis Felipe Zapata-Rivera \(Assis. Professor, Embry-Riddle AU, USA\) / Maria M. Larrondo-Petri \(Professor, FAU, USA\) - Smart Adaptive Remote and Online Lab Infrastructure Initiative: ... \(>>>\)](#)
[Edmundo Tovar \(Associate Professor, IEEE Education Society President Elect & UPM, Spain\) - Helping to develop new open practices in times of pandemics \(>>>\)](#)

Date: Friday, 02/Oct/2020

- 8:00am** - **R&H-4: Registration & Help Desk**
Location: [online support inside ZOOM conference system / Microsoft Teams](#)
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
- 6:00pm** - **Key-3: Keynote III**
Location: [online videoconference inside of Zoom Conference System](#)
Chair: **James Sluss**, University of Oklahoma - Tulsa
Chair: **Jeffrey Cross**, Tokyo Tech
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
[David Joyner \(>>>\)](#)
(Executive Director of Online Education & OMSCS, Georgia Tech's College of Computing, USA)
[From MOOCs to Degrees and Back Again: The Georgia Tech OMSCS Program \(>>>\)](#)
- 9:30am** - **Bre-5: Virtual Break**
Location: [online relaxing zone/networking chat inside Microsoft Teams](#)
- 10:00am** - **Ses-7: Session VII - New Media and OERs**
Location: [online videoconference inside of Zoom Conference System](#)
Chair: **Tobias Rohloff**, Hasso Plattner Institute
Chair: **ARUQUIA PEIXOTO**, CEFET/RJ
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
[Manuel Castro \(Professor, IEEE Division VI Director & UNED, Spain\) - New Practical Competences for Industry 4.0 in MOOCs \(>>>\)](#)
[Johann Marquez-Barja \(Professor, University of Antwerp - imec, Belgium\) - Can we escalate hands-on remote experimentation/labs to MOOCs? \(>>>\)](#)
- 12:00pm** - **Lun-3: Virtual Lunch**
Location: [online relaxing zone/networking chat inside Microsoft Teams](#)
- 1:00pm** - **Ses-8: Session VIII - Engineering Education and Personal Vision II**
Location: [online videoconference inside of Zoom Conference System](#)
Chair: **Johann M. Marquez-Barja**, University of Antwerp & imec
Chair: **Maria Mercedes Larrondo Petrie**, LACCEI and Florida Atlantic University
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo
[Dhawal Shah \(CEO, Class Central, USA\) - Second Year of the MOOC \(>>>\)](#)
[Jeffrey S. Cross \(Professor, Online Education Development Office, Tokyo Tech, Japan\) - Utilizing MOOCs as a platform for teaching, learning, research and training \(>>>\)](#)
- 3:00pm** - **Bre-6: Virtual Break**
Location: [online relaxing zone/networking chat inside Microsoft Teams](#)
- 3:30pm** - **Aw&Close: Awards and Closing Session**
Location: [online videoconference inside of Zoom Conference System](#)
Chair: **Russ Meier**, Milwaukee School of Engineering
Chair: **Rocael Hernandez Rizzardini**, Galileo University
Chair: **Héctor R. Amado-Salvatierra**, Universidad Galileo