

Schedule 09 December

- 7:30 - 8:30 **Registration** (Aula Magna 3)
- 8:30 - 9:00 **Opening** (Aula Magna 3)
- 9:00 - 9:15 **Coffee break**
- 9:15 - 10:15 **Keynote 1** (Aula Magna 3)
Yacob Astatke (MSU, USA)
Using Portable Laboratory Instrumentation to teach Engineering Courses with Hands-On Experimentation Completely Online
- 10:15 - 11:45 Contributed Talks (Aula Magna 3)
- 10.15 - 10.45 **Hybrid Learning Experience for the Mexican Energetic Reform**
García-Castelán, Rosa María Guadalupe (ITESM, Mexico).
- 10.45 – 11.15 **Predictive Models to Enhance Learning Based on Student Profiles Derived from Cognitive and Social Constructs**
Gonzalez-Nucamendi, Andres (ITESM, Mexico), Noguez Julieta Neri, Luis; Robledo-Rella, Victor.
- 11.15 – 11.45 **KAPEAN: A supportive tool for observing performance and concentration of children with learning difficulties**
Martinez, Fernando; Barraza, Claudia; Alvarez, Vania (Universidad Autónoma de Chihuahua, Mexico); Gonzalez, Gabriel.
- 11:45 - 12:00 **Coffee break** (Aula Magna 3)
- 12:00 - 13:00 **Keynote 2** (Aula Magna 3)
Luis Neri (ITESM, Mexico)
Using Haptic Devices to Enhance Learning in Physics
- 13:00 - 14:30 **Lunch** (Comedores Ejecutivos)

- 14:30 - 16:00 Contributed Talks (Aula Magna 3)
- 14:30 - 15:00 **Emotions Analysis Techniques: Their Application in the Identification of Criteria for Selecting Suitable Open Educational Resources (OERs)**
Gomez Alvarado, Hector F; Arias Tapia, Susana A; Torres Carrión, Pablo Vicente; Sanchez Guerrero, Javier; Hernandez del Salto, Segundo Victor (Universidad Técnica Particular de Loja, Ecuador)
- 15:00 - 15:30 **OER-based Learning and People with Disabilities**
Navarrete Rueda, Rosa del Carmen; Luján Mora, Sergio (National Polytechnic School, Ecuador)
- 15:30 - 16:00 **Virtual Reality Simulator For Robotics Learning**
Quiroz, Samuel; García, René; Crespo, Raúl (ITESM – CCM, Mexico)
- 16.00 - 16:30 **Coffee break** (Aula Magna 3)
- 16:30 - 17:30 Contributed Talks (Aula Magna 3)
- 16.30 – 17.00 **A practical example of a collaborative learning experience for engineering students: How to build accessible indoor maps**
Calle-Jimenez, Tania; Sanchez-Gordon, Sandra; Rivera-Pastrano, Cristina; Luján-Mora, Sergio (National Polytechnic School, Ecuador).
- 17.00 – 17.30 **Work-in-progress: Online Teamwork Skills: Taking Team Based Learning to the Digital Classroom**
Romero, Elizabeth (University of Illinois at Chicago, USA); Steffen, Alana; Eldeirawi, Kamal
- 17:30 - 18:30 **Keynote 3** (Aula Magna 3)
Julieta Noguez (ITESM, Mexico)
Using Haptic Devices to Enhance Medical Training
- 19:30 - 21:00 **Reception** **Claustro CEDETEC**

Schedule 10-December

- 7:30 - 8:30 **Registration** (Aula Magna 3)
- 8:30 - 10:30 Contributed Talks (Aula Magna 3)
- 8:30 - 9:00 **The use of Business Simulators in Teaching Logistics**
Pacheco-Velázquez, Ernesto Armando (ITESM, Mexico)
- 9:00 - 9:30 **Accessible Blended Learning for Non-Native Speakers using MOOCs**
Sanchez-Gordon, Sandra; Luján-Mora, Sergio (National Polytechnic School, Ecuador).
- 9:30 - 10:00 **Assessment of collaborative activities: an accuracy for a fair process**
Martínez, Patricia L.; Fernandez, Salvador; Campuzano, Laura M. (ITESM, Mexico); Flores-Fahara, Manuel
- 10:00 - 10:30 **Do Learning Activities Matter?**
-Velarde, Raul (ITESM, Mexico); Sanhueza-Olave, Miguel; Alexandrov, Nia; De Marcos, Luis
- 10:30 - 11:00 Coffee break Aula Magna 3
- 11:00 - 12:00 **Keynote 4** (Aula Magna 3)
Nia Alexandrov (BSC, Spain)
Teaching for Innovation and Enchasing the Student's Skills Profile
- 12:00 - 13:00 **Keynote 5** (Aula Magna 3)
Andreas Pester (FH-Kaernten, Austria)
Online Labs and Online Simulation in secondary and tertiary education
- 13:00 – 14:30 Lunch (Terraza Oficinas 5)
- 14:30 – 15:30 **Keynote 6** (Aula Magna 3)
Lourdes Guerrero (ANIEI, Mexico)
Implementing a Model for Human Capital Tuning as Required by IT Industry in Mexico (Talento IT Project)

- 15:30 - 16:30 Contributed Talks (Aula Magna 3)
- 15.30 – 16.00 **Contextualizing learning analytics for secondary schools at micro level**
Sancho, Maria-Ribera (UPC, Spain); Cañabate, Antonio; Sabaté, Ferran
- 16.00 – 16.30 **Addressing HPC Skills Shortages with Parallel Computing MOOC**
Sancho, Maria-Ribera; Alexandrov, Nia (BSC, Spain); Gonzalez, Montse
- 16:30 - 17:00 **Coffee break**
- 17:00 - 18:00 Contributed Talks
- 17.00 – 17.30 **The Latin American and Caribbean Higher Education Institutions and the International Entrepreneurship Training: New Opportunities with Opportunities with Institutional Networking and Open Education Approach**
Garrido Celso (UAM, Mexico)
- 17.30 – 17.45 **Online simulator of computer skills for primary school teachers**
Glasserman, Leonardo David (ITESM, Mexico) ; Gavotto, Omar Iván
- 17.45 – 18.00 **The implementation of game based learning as part of the corporate competence development**
Senderek, Roman(RWTH, Aachen, Germany); Brenken, Benedikt; Stich, Volker
- 18:00 - 19:00 **Keynote 7**
Alejandra Magaña
Modeling and Simulation for Science and Engineering Education
- 19.30 - 22.00 Official Dinner

Schedule 11-December

- 10:00 - 10:30 Coffee break
- 10:30 - 12:30 Academic Work
- 12:30 - 13:00 Closing

