Workshop on Advanced and High-Performance Computing Trends in Latin America

September 7 2020 – (8:00 – 9:30 Quito Ecuador Time Zone GMT – 5)

https://carla2020.org

CARLA 2020

Cuenca virtual

Latin America
High Performance
Computing Conference
Workshop on Advanced and High-Performance Computing Trends in Latin America

Chairs:
Oscar Carrillo (INSA-Lyon, France), Harold Castro (UniAndes, Colombia) and Carlos J. Barrios (SC3UIS, Colombia, SCALAC)

The CARLA2020 workshop on Advanced and High-Performance Computing trends in Latin America aims to provide a space to share high-quality original research contributions on various aspects of advanced computing, e-science, data-science and HPC trends in the Latin-American continent. The workshop focuses on Latin America developments, however other contributions are possible to present the different topics: education, HPC/AI applications, Green HPC, applied HPC (smart cities, agricultural, social, culture, healthcare, climate exchange, security) and related topics. The Workshop will be held in CARLA2020 Cuenca, Ecuador in a virtual mode.

Date: September 7, 2020 (8:00 - 9:30 a.m. Quito, Ecuador Time Zone)
Program September 7, 2020 (8:00 - 9:30 a.m. Quito, Ecuador Time Zone)

7:30 – 7:40 Welcome by Chairs

7:40 – 8:15 Invited Talk: Machine Learning, Deep Learning, and Predictive Analytics: Applications in Oil/Gas. By Dr. Pablo Guillén (Senior Data Scientist Biomedical and Energy Solutions, LLC)

8:15 - 8:30 AI for Agriculture: Automated Vigor Estimation on Vineyards. By Dr. Prof Maria Pantoja (CalPoly)


8:45 -9:00 CyberColombia: regional Initiative to teach HPC and computational Sciences. By Dr. Esteban Hernández (AWS and Cybercolombia Initiative)

9:00- 9:20 General Panel and Questions

9:20-9:30 Close