

3er LARS-IASC School

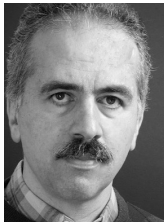


3rd Latin American Regional Section — LARS-IASC School

— LACSC2020 * <http://lacsc2020.itam.mx> —

“Stochastic Simulation and Reinforcement Learning”

To increase the development of human capital in computational statistics and support its progress, LARS- IASC aims to implement a School on Computational Statistics and Data Science (LARS-IASC School). The main purpose of the LARS-IASC School is to spread the knowledge base and advances in Computational Statistics in the Latin American countries and to increase the number of researchers and data scientists in the field.



Prof. Dr. Luis Enrique Sucar

Department of Computing
Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE)
<https://ccc.inaoep.mx/~esucar/>

“Probabilistic Graphical Models: Principles and Applications”

* Bayesian classifiers, Bayesian networks: representation and inference, Relational probabilistic graphical models, Graphical causal methods.

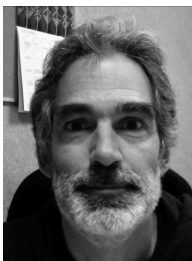


Prof. Dr. David F. Muñoz-Negrón

Department of Industrial Engineering and Operations
Instituto Tecnológico Autónomo de México (ITAM)
<http://ciep.itam.mx/~davidm/>

“Stochastic Simulation: Output Analysis and Applications”

* Transient and Steady-state Simulation, Bootstrap, Markov Chain Montecarlo.



Prof. Dr. Eduardo F. Morales

Department of Computing
Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE)
<https://ccc.inaoep.mx/~emorales/>

“Reinforcement Learning”

* Introduction, Solution methods MDPs (Dynamic Programming, Monte Carlo, Temporal Difference), * Big spaces strategies, * Deep reinforcement learning.

Scholarships:

* Limited number of scholarships – 100% waiver in registration fee for people living in the developing countries, see <http://bit.ly/2FCoZF3> .

* Up to 10 scholarships – 100% waiver in registration fee for people living in developing countries (from the lists in the links provided above).

* 1 full scholarship that includes registration fee, travel and stay expenses.

Apply for these scholarship:

- ◆ Send an email to lacsc2020@itam.mx
- ◆ Be a member of IASC, see <http://iasc-isi.org/become-a-member/>

Chair of Local Organizing Committee: Luis A. Moncayo—Martínez (ITAM)
Chair of the Scientific Committee: David F. Muñoz-Negrón (ITAM)

Department of Statistics and Department of Industrial Engineering and Operations
Instituto Tecnológico Autónomo de México (ITAM)