NEO

NUMERICAL AND EVOLUTIONARY OPTIMIZATION

2017

TIJUANA, MEXICO

SEPTEMBER 27-29

http://neo.cs.cinvestav.mx/NEO2017/

SCOPE OF THE NEO

The goal of the Numerical and Evolutionary Optimization (NEO) workshop series is to bring together researchers from the fields of traditional numerical optimization and bio-inspired meta-heuristics. For 2017, as the NEO heads back for a second time to Tijuana, Mexico and the event will be hosted by the Engineering Sciences Graduate program at the Instituto Tecnologico de Tijuana (ITT). Therefore, there will be added interest into exploring how optimization techniques can be applied to real-world problem solving in engineering.

INVITED SPEAKERS

Michael Emmerich
University of Leiden, The Netherlands
Marcial González
Purdue University, USA
Esteban Tlelo Cautle
INAOE, Mexico
Miguel Angel Moreles
CIMAT, Mexico
Gustavo Olague
CICESE, Mexico

TOPICS OF INTEREST

Stochastic and Robust Optimization • Health Systems
Advances in Evolutionary Algorithm • Control of Dynamical Systems
Set Oriented Numerics • Computer Vision and Pattern Recognition
Hybrid and Memetic Algorithms • Embedded and Electronic Systems
Single and Multi-objective Optimization • Smart Cities
Energy Conservation and Prediction

SPECIAL SESSIONS

- Industrial and Complex Systems
- New Techniques and Applications for Embedded Systems and Connectivity
- Set Oriented Numerics
- Genetic Programming

PUBLICATION

The NEO 2017 will accept extended abstracts that will be published in the book of abstracts. Additionally, the NEO 2017 will offer a post proceedings that will be published in the "Studies in Computational Intelligence" book series of Springer.

GENERAL CHAIRS

Yazmin Maldonado, Instituto Tecnologico de Tijuana, Mexico
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Leonardo Trujillo, Instituto Tecnologico de Tijuana, Mexico
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Oliver Schuetze, Cinvestav-IPN, Mexico
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Venue will be the hotel Real Inn in the city center of Tijuana B.C., Mexico.
Details and up-to- date information can be found on the webpage of the event.

Cinvestav CONACYT