

**Programa de Encuentro de doctorandos
del Programa de Doctorado en Ingeniería
Informática**

Lunes 26 de Junio de 2023

- 9:15 D. David Ragel Díaz-Jara
Why is the location of charging stations important for electric vehicles? First steps for a thesis
- 9:30 D. Antonio Ramírez de Arellano Marrero
A survey of Virus Machines
- 9:45 D. José Antonio Andreu Guzmán
OGAPS vs GA: Evaluating Efficiency for TSP Optimization
- 10:00 D. Ángel Torregrosa Domínguez
DISARM: A real-time gun detection system for CCTV
- 10:15 D. Fernando José Rendón Segador
CrimeNet: ViT Neural Structured Learning for Violence Detection
- 10:30 D. Aleksandro Montanha
Assistance system for visually impaired pedestrian street crossing using multimodal data acquired in smart city environments
- 10:45 Dña. Marina Perea Trigo
Impact of Deepfakes and Data Augmentation on Sign Language Recognition
- 11:00 D. Sergio Pérez
Car damage detection using YOLOv5 and using YOLOv5 and ensemble learning by ensembles
- Descanso
- 11:45 Dr. D. Sergio Segura
Introducción a las "ACM Student Research Competition"
- 12:00 D. Víctor Ramos-González
LogicUS: A multipurpose system for Logic
- 12:15 D. Antonio Germán Márquez Trujillo
Vulnerability impact analysis in software project dependencies based on a SMT approach
- 12:30 D. David Romero-Organvidez
Transformo: a tool for data transformation using SPL techniques
- 12:45 D. José Antonio Zamudio
Optimización de la Generación de Chatbots Mediante Técnicas de Líneas de Producto
- 13:00 D. José Manuel Sánchez Ruiz
Performance benchmarking of open source software projects using a collaborative tool
- 13:15 D. Hajar Lagraini
Advanced Power Hole Issue Reducing Approach in Microsensor Sensor Networks

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Martes 27 de Junio de 2023

- 9:15 D. Adalberto Cajueiro De Farias
Servitization of a Neuromorphic Robotic Arm: A Microservices Approach
- 9:30 D. Daniel Casanueva-Morato
Spike-based computational models of bio-inspired memories in the hippocampal CA3 region on SpiNNaker
- 9:45 Dagnier Antonio Curra Sosa
Spiking Convolution Engine for Spiking Convolutional Neural Network
- 10:00 Santiago Díaz Romero
Towards neuromorphic control on a robotic arm with the event-based SECLOC
- 10:15 Enrique López
Multi-Reservoir Echo State Networks Approach for Pure Spatial Relation Learning
- 10:30 Pablo Sánchez Cuevas
Address prediction model based on dynamic buffers and SVM
- 10:45 Andreea Madalina Oprescu
Model development and validation techniques for a robust AI-based clinical decision support system: a Covid-19 mortality prediction case study
- 11:00 D. José Enrique Sánchez López
Semi-online decision tree ensemble algorithms for very short-term solar irradiance forecasting
- Descanso
- 11:45 Dña. Ana Rodríguez López, D. Francisco J. Galán Sales y D. Pablo Reina Jiménez
Experiencia en el Datathon Cajamar
- 12:00 Javier Solís García
TG-GAIN: A Graph-based generative framework for time series
- 12:15 Santiago Fernández Scagliusi
Bioimpedance Spectroscopy-based Edema Supervision Wearable System for Non-invasive Monitoring of Heart Failure
- 12:30 José Manuel Marrón-Esquivel
A comparative study of the inter-observer variability on Gleason grading against Deep Learning-based approaches for prostate cancer
- 12:45 Antonio Manuel Pérez Peña
Docker-based web service to aid prostate cancer diagnosis using deep-learning techniques
- 13:00 Javier Perera-Lago
On the Study of New Topology Tools for Green AI