

Tenth Spanish-German Symposium on Applied Computer Science (SGSOACS 2024)

Cadiz, Spain, 12 - 14 June 2024

Venue: Argüelles room, 1st floor, [Aulario “La Bomba” \(Edificio 1812\)](#), University of Cadiz, Paseo Carlos III nº 3, 11003, Cadiz, Spain

Presentation time for papers: 20 minutes for presentation plus 5 minutes for questions

Wednesday, 12 June	
17:00 - 19:30	Reception at Cadiz City Hall and city tour guide
21:00 - 23:00	Welcome cocktail in Musalima restaurant

Thursday, 13 June	
09:00 - 09:30	Registration at the entrance door to the Argüelles room in the Aulario “La Bomba” (Edificio 1812)
09:45 - 10:00	Opening of the symposium
10:00 - 11:15	Session 1 (chair Jörg Schäfer): <ul style="list-style-type: none">• Software Performance Optimization with Genetic Algorithms (de la Torre, Juan Carlos; Aragón-Jurado, José Miguel; Ruiz, Patricia; Dorronsoro, Bernabe)• Management of Zero Emissions Zones in Urban Transport by Means of Neuroevolution (Aragon-Jurado, Jose Miguel; Jareño, Javier; Dorronsoro, Bernabe; Ruiz, Patricia)• Application of Artificial Intelligence Techniques for Mutation Testing (Heredia-Bravo, Jose Manuel; Medina-Bulo, Inmaculada; Delgado-Pérez, Pedro; Valle-Gómez, Kevin J.)
11:15 - 12:00	Coffee in the cafeteria of Facultad de Filosofía y Letras
12:00 - 13:15	Session 2 (chair Sara Balderas-Díaz): <ul style="list-style-type: none">• Early Indicators of Project Abandonment in Industry-Academia Collaborations: Developing an Assessment Framework for Industrial Data Science Projects (Binder de Serdio, Anna M.; Stegelmeyer, Dirk; Butt, Fatima Sajid)• Fine-tuning of a Natural Language Processing model to detect cyberattacks (Gutiérrez-Galeano, Leopoldo; Domínguez-Jiménez, Juan-José; Medina-Bulo, Inmaculada)

	<ul style="list-style-type: none"> • Towards Real-time Monitoring of Blockchain Networks through a Low-code Tool (Summary) (Rosa-Bilbao, Jesús; Boubeta-Puig, Juan)
13:30 - 15:00	Working lunch in Bar Genovés
16:30 - 20:30	Trip to Puerto de Santa María from Catamarán Bahía de Cádiz ferry terminal
21:00 - 23:00	Working dinner in La Chancha y los 20 restaurant

Friday, 14 June	
10:00 - 11:15	Session 3 (chair Christian Baun): <ul style="list-style-type: none"> • Self-Learning Systems for Enhanced Traffic Management in Urban Settings (Guerrero-Contreras, Gabriel; Balderas-Díaz, Sara) • Data Management in Dynamic AAL Environments (Balderas-Díaz, Sara; Guerrero-Contreras, Gabriel) • Machine Learning Magic: Maximizing Article Engagement through Title Intelligence (Mim, Sheikh Sharfuddin; Logofatu, Doina; Guerrero-Contreras, Gabriel)
11:15 - 12:00	Coffee in the cafeteria of Facultad de Filosofía y Letras
12:00 - 13:15	Session 4 (chair Gabriel Guerrero-Contreras): <ul style="list-style-type: none"> • A novel concept for the migration of workloads using virtual machines that can mitigate limitations of traditional service deployment concepts (Cocos, Henry Norbert) • Summarizing Open Issues in the Field of Context-Aware Internet of Things (Bazán Muñoz, Adrián; Ortiz, Guadalupe; Garcia-de-Prado, Alfonso) • Open issues for real-time management of complex event processing-based systems (Cano-Crespo, Manuel; Ortiz, Guadalupe)
13:30 - 15:00	Working lunch in Bar Genovés
15:30 - 16:30	Visit to Torre Tavira
17:00 - 18:00	Visit to Yacimiento Arqueológico Gadir
20:30 - 22:30	Gala dinner in Mimu restaurant (old casino of Cadiz)