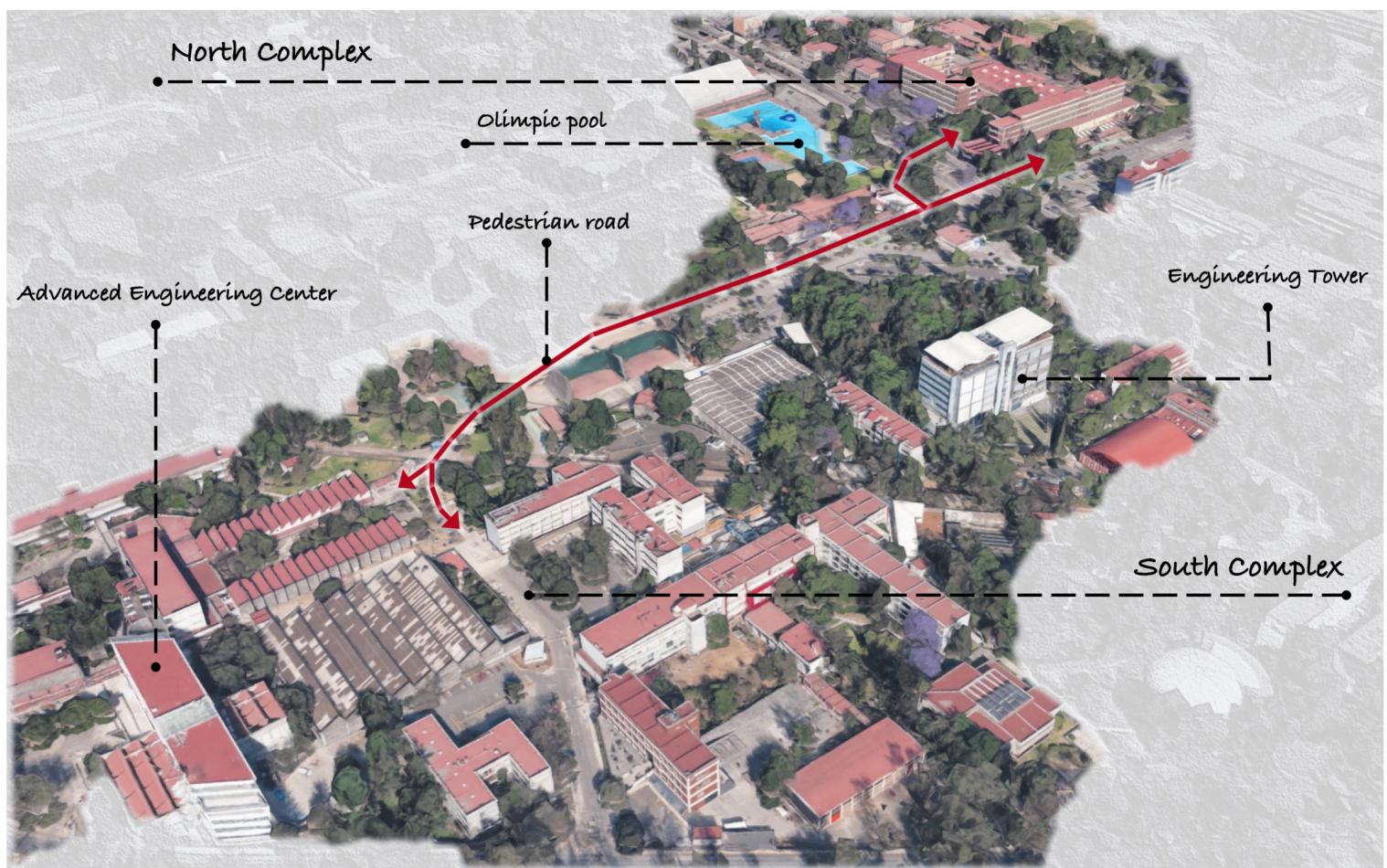
A black and white aerial photograph of the National Autonomous University of Mexico (UNAM) campus in Mexico City. The image shows a large, open, geometrically patterned plaza with several modern buildings, including a prominent one with a large mural on its side. In the background, the city's skyline and hills are visible under a cloudy sky.

7th edition of the International Conference in Software Engineering Research and Innovation (CONISOFT'19)

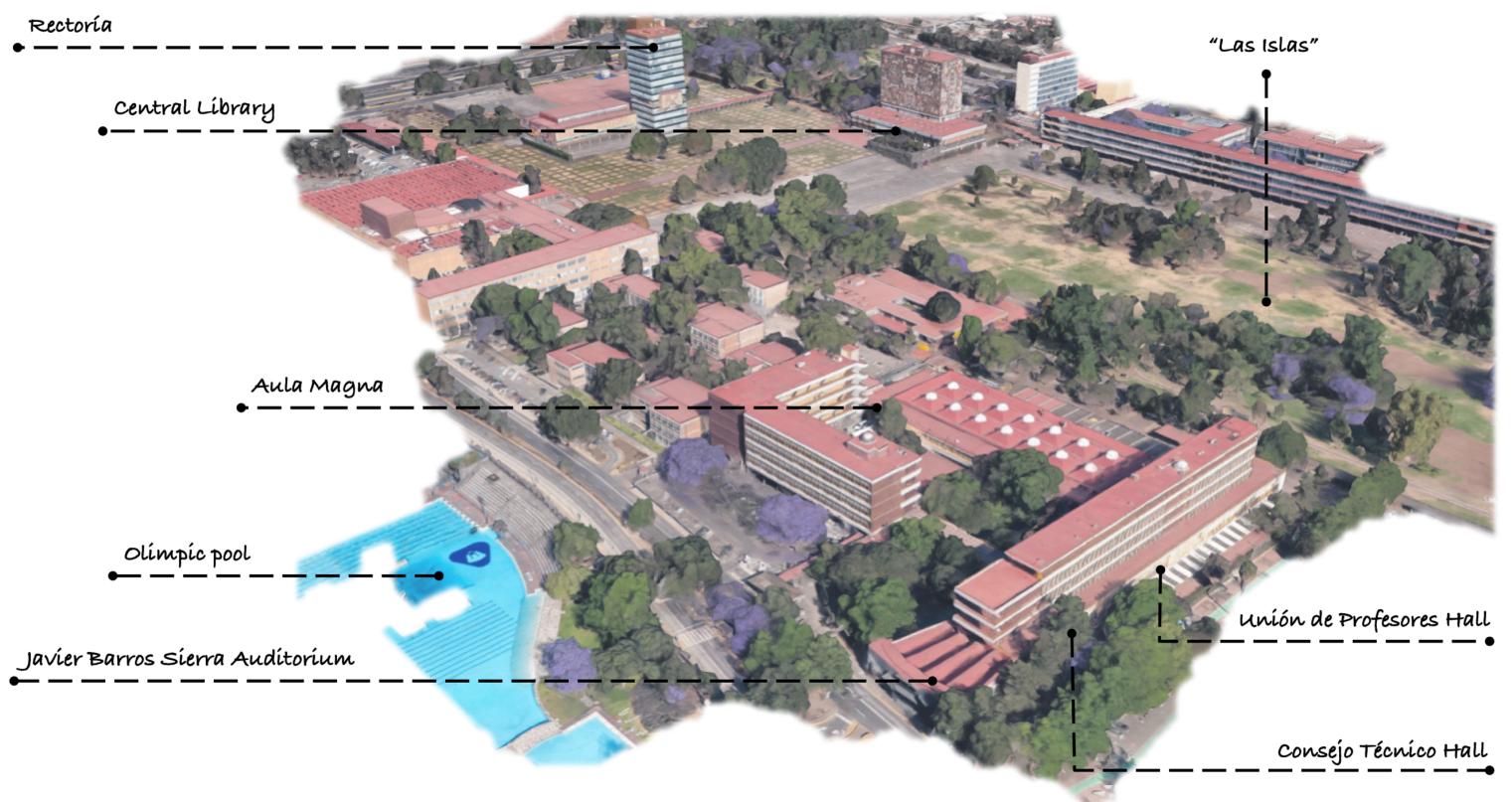
Universidad Nacional Autónoma de México (UNAM)
October 23rd-25th
Mexico City

Event location maps



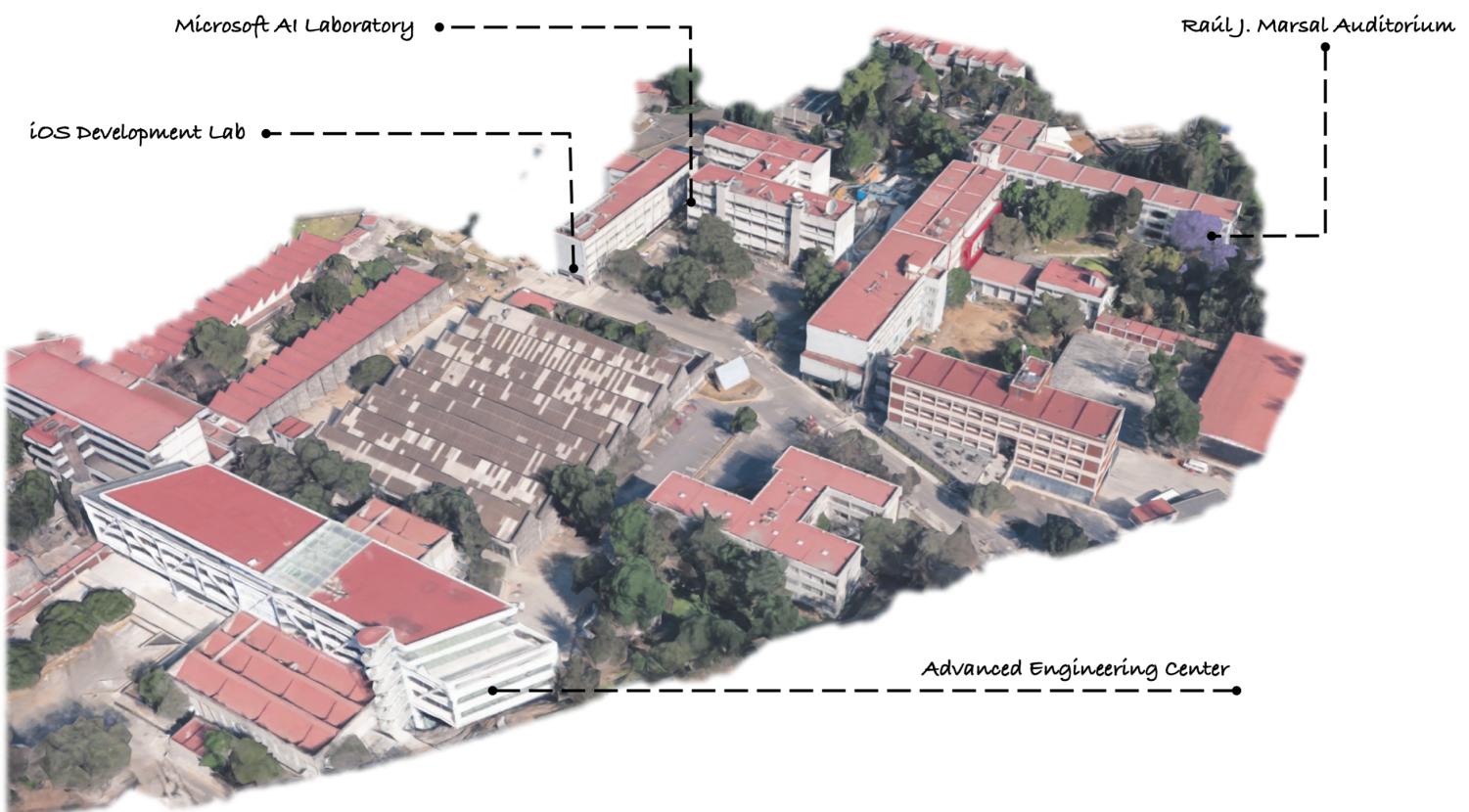
7TH EDITION OF THE INTERNATIONAL CONFERENCE IN SOFTWARE
ENGINEERING RESEARCH AND INNOVATION (CONISOFT'19)

Event location maps



7TH EDITION OF THE INTERNATIONAL CONFERENCE IN SOFTWARE
ENGINEERING RESEARCH AND INNOVATION (CONISOFT'19)

Event location maps



7TH EDITION OF THE INTERNATIONAL CONFERENCE IN SOFTWARE ENGINEERING RESEARCH AND INNOVATION (CONISOFT'19)

Javier Barros Sierra Auditorium

Wednesday 23th

09:30 – 10:30	Opening Ceremony
10:30 – 11:30	Keynote: Software Effort Estimation: 'Placebos', 'Fake Science' or 'Best Practices' - Dr. Alain Abran For all types and sizes of software projects, within the very small to the very large organizations, development effort must be estimated: it is a universal problem and it will not disappear. Which software estimation techniques can you trust and which ones are mere 'placebos' based on 'fake science'?
12:00 – 13:00	Microsoft Conference: Digital Transformation: Education, AI and more - Enrique Perezyera CEO Microsoft México
13:30 – 15:00	Panel: Academy and Software industry: Are we on the same page? - Moderator: Héctor G. Pérez González M.C. Lourdes Sánchez Guerrero (Asociación Nacional de Instituciones de Educación en Tecnologías de Información) Alejandra Vasquez Carbajal (Universidad Abierta y a Distancia de México)

7TH EDITION OF THE INTERNATIONAL CONFERENCE IN SOFTWARE ENGINEERING RESEARCH AND INNOVATION (CONISOFT'19)

Javier Barros Sierra Auditorium

Yedid Erandini Niño Membrillo
(Universidad Autónoma del Estado de México)

Ramiro González S. (IDS Comercial)

Jaime Juárez del Ángel (Asociación Nacional de la Industria de Software en México)

Arnulfo Arellano (MOZCALTI)

15:00 – 16:00

Facebook Conference: Cracking your Coding Interview

Eduardo Elizondo

16:30 – 17:30

Optare Solutions Conference: 5G Network softwarization

D. Luis Sestelo

Optare Solutions

Thursday 24th

09:30 – 10:30

Ultrasist Conference: "And how do I want to exploit my data?"

- Jonathan Rodríguez Hernández
- Ismael Núñez Reyna

Companies and institutions have become data accumulators, they store large amounts of them, but what do they do with all this information? How useful are the data we store? When do we get them?

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Javier Barros Sierra Auditorium

What context did they have? Who protects them? Who is the owner?

10:30 – 11:30

Keynote: How to survive 25 years developing software.

- María Julia Orozco Mendoza, Ultrasist

In Mexico there are 4.2 million economic units, of which 99.8% are considered small and medium enterprises (SMEs) and that contribute 52% of the Gross Domestic Product (GDP) of the country.

However, it is estimated that 70% of SMEs close in less than 5 years. How, three graduates of the Faculty of Sciences of the UNAM, managed to consolidate a software development company?

12:00 – 13:00

Tutorial: Classifying feelings: Social network analysis for Mayor of Guayaquil 2019

- W. Gustavo Cevallos

Full Stack Software Developer / Enthusiast for Artificial Intelligence / AI Saturdays Mentor / GitHub Campus Expert

We will talk about the status of the candidates of Alcaldía de Guayaquil in social networks, the process to create an Artificial Intelligence project. It will also explain how knowledge transfer between neural networks was used to classify feelings and analysis results.

13:30 – 15:00

Panel: How to make a software company and not die trying

- Moderator: Norberto Ortigoza (Bunsan)

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Javier Barros Sierra Auditorium

María Julia Orozco Mendoza (Ultrasist)
David Padilla (Michelada)
Alberto Tellez (Bunsan/Recluit)
Héctor Gómez Espinosa (Gubler)
Alberto Padilla (Briq)

15:00 – 16:00

Cisco Conference

Fernando Pujol Malo
Manager Country Consultant - Human Resources

Friday 25th

09:30 – 10:30

Keynote: Technical debt and architecture

- Humberto Cervantes Maceda
Universidad Autónoma Metropolitana Iztapalapa

We will see what the categories of architectural technical debt are and I will also present a tool that allows identifying and sizing architectural technical debt. I will discuss my experiences of using this tool in the industry and, finally, I will present some ideas for future work in relation to this topic

10:30 – 11:30

Keynote: Goodbye requirements analysis. Hello business needs detection for the promotion of Digital Transformation

- I.S.C. José David Garnica García

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Javier Barros Sierra Auditorium

We will see why the mentality should be changed at the time of performing the analysis of project requirements. A way to determine the needs of the business in the generation of an innovative solution is presented, which allows developing successful projects to promote digital transformation in companies, trying to meet the commitments dates and progressive deliverables.

12:00 – 13:00

Keynote: Professional and personal development of the Software Engineer

- Ken Bauer

Computing Science Department at the
Tecnológico de Monterrey Guadalajara Campus

"Engineers have professional careers that we hope are long, varied and common to various work environments. That is why they must take responsibility for their professional development in their own hands."

13:30 – 14:30

Aruba Conference: Network Application with Aruba

Marco Tena

System Engineering Manager. Aruba
México

Orlando Valle Figueroa

CTO. White Carrot

15:00 – 16:00

Closing Ceremony

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Raúl J. Marsal Auditorium

Thursday 24th

10:00 – 14:00

Workshop: Signal and image processing with MATLAB

- Carlos Tapia

Application Engineer

What is MATLAB? / The workflow of technical computing / Data types in MATLAB / Data import into MATLAB / Filtering and analysis of an EEG signal / Import images and video in MATLAB / Work with DICOM files / Machine learning / Grouping, Classification and Regression with MATLAB / Example: motion detection / Computer vision / Classification of parasite type in blood images

Capacity: 50

14:30 – 17:00

Papers Track 7: Processes, Methodologies and Tools/Procesos, Metodologías y Herramientas

- 14:30 Arquitectura de un módulo de maquetado desarrollado en JavaFx que complementa un Generador de Aplicaciones Enriquecidas

Yasmin Rosales, Beatriz Alejandra Olivares Zepahua, Ignacio Lopez-Martinez, Celia Romero and Luis Angel Reyes

(Instituto Tecnológico de Orizaba)

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ENGINEERING RESEARCH AND INNOVATION (CONISOFT'19)

**Raúl J. Marsal
Auditorium**

- **15:00 Gamificación para la Mejora de Procesos en Ingeniería de Software: Un estudio exploratorio**
Erika E. Briceño, Raúl A. Aguilar, Julio C. Díaz and Juan P. Ucán
(UADY)
- **15:30 Marco metodológico para el desarrollo de software basado en el modelo CMMI-DEV y metodologías ágiles para la MiPyME en México**
Emma Yesenia Rivera Ruiz, Zinthia Moreno Ruiz and José Martín Gutiérrez Arriaga
(Instituto Tecnológico Superior de Ciudad Hidalgo)
- **16:00 Expresiones Regulares para el Tratamiento de la Privacidad en Navegadores Web**
Donovan Riaño, Guillermo Molero-Castillo, Alejandro Velázquez-Mena and Everardo Bárcenas
(Facultad de Ingeniería,UNAM)

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Raúl J. Marsal Auditorium

Friday 25th

12:30 – 15:00

Papers Track 2: Software Engineering Education –Skills development /Educación en Ingeniería de Software –Desarrollo de habilidades.

- **12:30 When Software Engineering meets Cybersecurity at the classroom**
Hugo Gonzalez and Rafael Llamas-Contreras
(Universidad Politécnica de San Luis Potosí)
- **13:00 Análisis Comparativo de la Complejidad Cognitiva de la Gestión de Proyecto en el Desarrollo de Software en la ISO/IEC 29110-5-1-2 y la Guía de Gestión de Proyectos del PMI**
Edinson Damian and Abraham Davila
(Universidad Nacional Pedro Ruiz Gallo, Perú. Pontificia Universidad Católica del Perú.)
- **13:30 What is Programming? Putting all together, Part II –The Cognitive Skills associated**
Reyes Juárez-Ramírez, Samantha Jiménez and Verónica Tapia-Ibarra

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Raúl J. Marsal Auditorium

(Universidad Autónoma de Baja
California, Instituto Tecnológico de
León)

- **14:00 Exploring Software Design Skills
of Students in different Stages of their
Curriculum**

Hector G. Perez-Gonzalez, Alberto
Nunez-Varela, César Guerra-García,
Francisco E Martinez-Pérez, Froylan E.
Hernandez-Castro, Ken Bauer, Reyes
Juárez-Ramírez and Francisco Torres-
Reyes

(Universidad Autónoma de San Luis
Potosí, Instituto Tecnológico y de
Estudios Superiores de Monterrey,
Campus Guadalajara, Universidad
Autónoma de Baja California, Campus
Tijuana)

- **14:30 A satisfiability algorithm for the
mu-calculus for trees with Presburger
constraints**

Yensen Limón, Everardo Barcenas,
Guillermo Molero, Edgard Benítez-
Guerrero and Alejandro Velázquez-
Mena

(Universidad Veracruzana, UNAM)

**7TH EDITION OF THE INTERNATIONAL CONFERENCE IN SOFTWARE
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Aula Magna

Wednesday 23th

12:00 – 15:00

Workshop: Reflecting on the Code of Ethics and Professional Conduct of the ACM

- Dra. Hanna Oktaba

Know the ACM Code of Ethics and Professional Conduct and relate it to real cases and the consequences of non-compliance

Capacity: 50

Thursday 24th

12:30 – 15:00

Papers Track 9: Trends III: Human aspects' assessment and treatment in Software Systems/Evaluación y tratamiento de los aspectos humanos en Sistemas Software.

- **12:30 Nighttime Depression Episodes Classification using a Formal Method: KDD**

Julieta G. Rodríguez-Ruiz, Carlos Eric Galván Tejada, Sodel Vázquez Reyes, Jorge I. Galván-Tejada and Hamurabi Gamboa Rosales

(Universidad Autónoma de Zacatecas, ITESM)

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Aula Magna

- **13:00 Hacia una guía de diseño para APIs Web con un enfoque en la usabilidad**
Maribel Tello-Rodríguez, Jorge Octavio Ocharán-Hernández and Juan Carlos Pérez-Arriaga
(Universidad Veracruzana)
- **13:30 Estimación del esfuerzo de proyectos de software con algoritmos de aprendizaje de máquinas**
Jesús Iván Saavedra Martínez, María Guadalupe Elena Ibarguengoitia González and Gibran Fuentes Pineda
(Facultad de Ciencias, UNAM, Instituto de Investigaciones en Matemáticas Aplicadas y en Sistemas, UNAM)
- **14:00 Hacia una metodología para el diseño de contratos inteligentes**
Carlos Omar Solis Osorio, Humberto Cervantes Maceda and Elizabeth Pérez Cortés
(Universidad Autónoma Metropolitana)
- **14:30 Earned Scope Management: Scope Performance Evaluation for**

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Aula Magna

Software Projects considering people and effort as resources

Francisco Valdés-Souto

(Science Faculty at National Autonomous University of Mexico (UNAM))

Friday 25th

12:30 – 15:00

Papers Track 4: Formal Methods in Software Engineering /Métodos formales en la Ingeniería de Software.

- **12:30 Sequence Diagrams Tailored for Software Design used to Build a Carpooling Management System**

Maria Del Carmen Gómez-Fuentes and Jorge Cervantes-Ojeda

(Universidad Autónoma Metropolitana)

- **13:00 Application of User Interface Transition Diagrams in the Construction of a Software System: A Case Study**

Maria Del Carmen Gómez-Fuentes and Jorge Cervantes-Ojeda

(Universidad Autónoma Metropolitana)

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Aula Magna

- **13:30 Replaneación de proyectos ágiles de software usando técnicas de optimización**

Victor Hugo Escandon Bailon, Humberto Cervantes Maceda and Abel García Nájera

(Universidad Autónoma Metropolitana)

- **14:00 Software Engineering Needs in the North of Sinaloa Employing the Cluster Analysis**

Edgar Omar Pérez Contreras, Alan Ramírez-Noriega, Juan Francisco Figueroa Pérez and Yobani Martínez Ramírez

(Universidad Autónoma de Sinaloa)

- **14:30 Evaluation of Ontologies based on experts knowledge**

María Del Carmen Rodríguez Apodaca, Alan Ramírez-Noriega, Yobani Martínez-Ramírez, Ana María Hernández Ruiz and Teresa Galaviz Alejos

(Universidad Autónoma de Sinaloa)

Unión de Profesores Hall

Wednesday 23th

12:30 – 15:00

Papers Track 1: Requirements
Engineering/Ingeniería de Requerimientos.

- **12:30 A Novel Approach for Software Requirement Prioritization**

Muhammad Shah Jahan, Farooque Azam, Muhammad Waseem Anwar, Anam Amjad and Kashif Ayub

(National University of Sciences and Technology, Islamabad, Pakistan)

- **13:00 A Novel Approach for Software Requirement Prioritization Based Upon Non-Functional Requirements**

Kashif Ayub, Farooque Azam, Muhammad Waseem Anwar, Anam Amjad and Muhammad Shah Jahan

(National University of Sciences and Technology, Islamabad, Pakistan)

- **13:30 Evaluating the software quality non-functional requirement through a fuzzy logic-based model based on the ISO/IEC 25000 (SQuaRE) standard**

Francisco Valdés-Souto, Alberto S. Núñez-Varela and Héctor G. Pérez-González

(Science Faculty National Autonomous University of Mexico (UNAM),

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Unión de Profesores Hall

Universidad Autónoma de San Luis
Potosí)

- **14:00 Provably Safe Controller Synthesis Using Safety Proofs as Building Blocks**

Yanni Kouskoulas, Aurora Schmidt,
Jean-Baptiste Jeannin, Daniel Genin
and Jessica Lopez

(Johns Hopkins U/APL, University of
Michigan)

- **14:30 Tamil talk: What you speak is what you get!**

David Mann, Kim Frederic, Naomi
Weston, Raj Ramachandran and
Emmanuel Ogunshile

(University of West England, UK)

15:30 – 18:00

Papers Track 3: Empirical Software Engineering / Ingeniería de Software Empírico

- **15:30 Quality Metrics in Software Design: A Systematic Review**

Esmerralda Hernandez Gonzalez, Angel
Sanchez Garcia, Karen Cortes Verdin
and Juan Carlos Pérez Arriaga

(Universidad Veracruzana)

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**Unión de Profesores
Hall**

- **16:00 A Taxonomy for Complexity Estimation in Agile Methodologies: A Systematic Literature Review**
Mayra Durán, Reyes Juárez-Ramírez,
Samantha Jiménez and Claudia Tona
(Facultad de Ciencias Químicas e
Ingeniería Universidad Autónoma de
Baja California)
- **16:30 Towards a Set of Factors to Identify the Success in Scrum Project Delivery: A Systematic Literature Review**
Claudia Tona, Reyes Juárez-Ramírez,
Samantha Jiménez, Mayra Durán and
César Guerra-García
(Universidad Autónoma de Baja
California)
- **17:00 Towards an Efficient Log Data Protection in Software Systems through Data Minimization and Anonymization**
Andres Omar Portillo Dominguez and
Vanessa Ayala-Rivera
(University College Dublin)
- **17:30 Diseño de herramienta para el estudio de niveles de depresión a través de la detección de emociones universales aplicando técnicas de cómputo afectivo y minería de datos**

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Gustavo Padron-Rivera, Cristina
Joaquin-Salas, Pedro-Omar Silva-
Vásquez and Ricardo Serrano-Herrera
(Technological Institute of Teziutlan)

Thursday 24th

11:30 – 14:00

Papers Track 5: Construction of Software Systems for Health Sciences and Industry/ Construcción de Sistemas Software para la Salud y la Industria.

- 11:30 A Quality Framework for Evaluating Grammatical Structure of User Stories to Improve External Quality

Samantha Jiménez and Reyes Juárez
Ramírez

(Autonomous University of Baja
California)

- 12:00 Performance evaluation of Leap Motion, Myo, and Space Navigator devices for 2D and 3D interactions

Luis Gerardo De la Fraga and Axel
Salazar Ordoñez

(Cinvestav. Computer Science
Department)

Unión de Profesores Hall

- **12:30 Método de Calificación de Atributos de Calidad en Productos Software Médico Regulado Usando Proceso Analítico Jerárquico y Rubrica de Evaluación**
Jonathan Venegas Sandoval and Francisco Javier Álvarez Rodríguez
(Universidad Juárez Autónoma de Tabasco, Universidad Autónoma de Aguascalientes)

- **13:00 Automotive Ignition through a Face Recognition System: AutoTISow Framework Innovation**
Jorge Aguilar, Jesus Juarez and Carlos Fernandez
(UPAEP, CEDIG, UTM)

- **13:30 Geographic Information System on the Web for recording georeferenced information transport system at the Universidad de los Llanos**
Laura Cristina Cespedes Bastos, Cristian Eduardo Gonzalez Alba, Cesar Augusto Diaz Celis and Angel Alfonso Cruz Roa
(Universidad de los Llanos, Colombia)

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Unión de Profesores Hall

14:30 – 17:00

Papers Track 6: Trends I: Quality Assessment of Software Systems/ Tendencias I: Evaluación de Calidad de Sistemas de Software.

- **14:30 Traduciendo Requisitos de Seguridad desde una Arquitectura Empresarial hacia un Modelo de Proceso de Negocio Seguro**
Angelica Caro, Alfonso Rodriguez, Luis San-Martin and Ignacio Velasquez
(Universidad del Bío Bío, Chile)

- **15:00 A study and experimental assessment of the cognitive weight, base of the cognitive metrics**
Alberto Nunez-Varela, Hector G. Perez-Gonzalez, Francisco E Martinez-Pérez and Daniela Esqueda-Contreras
(Facultad de Ingeniería, Universidad Autónoma de San Luis Potosí)

- **15:30 Quality attributes in patterns related to the microservice architecture: a Systematic Literature Review**
José A. Valdivia, Xavier Limón and Karen Cortes-Verdin
(Universidad Veracruzana)

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Unión de Profesores Hall

- **16:00 Towards an Architectural Design Framework for Data Management in Industry 4.0**

Eduardo A. Hinojosa-Palafox, Oscar M. Rodríguez-Elías, José A. Hoyo-Montañó and Jesús H. Pacheco-Ramírez

(Tecnológico Nacional de México,
Instituto Tecnológico de Hermosillo)

- **16:30 Prototipo de interfaz humano-computadora controlada a través de gestos faciales**

Fernando Reynoso, María Abud, Silvestre Peláez, Lisbeth Rodríguez and Ulises Juárez

(Instituto Tecnológico de Orizaba)

Friday 25th

12:30 – 15:00

Papers Track 8: Trends II: Techniques for Modeling and Design of Software Systems/Tendencias II: Técnicas para Modelar y Diseñar Sistemas Software.

- **12:30 Resource Description Framework and Friend Of A Friend-Based Web and Mobile Applications Prototype in an Education Environment**

Mario Ricardo Pérez Hernández, Luis Angel Reyes Hernández, Celia Romero Torres, Gustavo Pelaez Camarena and Beatriz Alejandra Olivares Zepahua

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Unión de Profesores Hall

(Instituto Tecnológico de México)

- **13:00 Hacia la Definición de una Arquitectura Empresarial Municipal de Referencia: Una experiencia en Chile**
Daniela Gallegos Baeza, Angélica Caro and Alfonso Rodríguez
(Universidad del Bío-Bío, Chile)
- **13:30 Hacia una propuesta de heurísticas de usabilidad para pruebas de HCI y de UX para niños con discapacidad auditiva: caso de estudio**
Gerardo Cruz-González, Carlos-A. Fernández-y-Fernández and Felipe Trujillo-Romero
(Universidad Tecnológica de la Mixteca
Universidad de Guanajuato)
- **14:00 Aplicando OCL para la verificación de la especificación de un prototipo de vehículo autónomo**
Sandra Estefanía Martínez, Carlos A. Fernandez-y-Fernandez, Erik Ramos and Jorge Aguilar Cisneros
(Universidad Tecnológica de la Mixteca,
Universidad Popular Autónoma del Estado de Puebla)

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Advanced Engineering Center CNMES Schedule

Thursday 24th

08:30 – 09:00	Attendees Registration
09:00 – 09:10	Welcome CNMES
09:10 – 10:00	Conference: Early Sizing of Software Requirements: ‘Finger in the air’ or ‘Engineering’ techniques? <ul style="list-style-type: none">- Dr. Alain Abran <p>Adjunct Professor - Ecole de Technologie Supérieure (ETS) - University of Québec (Canada), Department of Software Engineering & Information Technology, Co-creator COSMIC Method, COSMIC Chairman</p>
10:10 – 11:00	Conference: COSMIC in Mexico, retrospective 10 years after the first certificate <ul style="list-style-type: none">- Dr. Francisco Valdés Souto, Facultad de Ciencias UNAM
11:10 – 12:00	Conference: Presentation of MENSURA tool, NOT just estimates! <ul style="list-style-type: none">- Ing. Jorge Andrés Aguilar SPINGERE Commercial Director
12:10 – 13:00	Conference: Agile & COSMIC a good integration! <ul style="list-style-type: none">- Dr. Sylvie Trudel Université du Québec à Montréal (UQAM), Treasurer in the COSMIC Group

Advanced Engineering Center CNMES Schedule

13:10 – 14:00	Conference: Model validation of fixed cost projects using COSMIC <ul style="list-style-type: none">- Dr. Francisco Valdés Souto, Facultad de Ciencias UNAM Specialist in Measurement and Estimation of Projects, SPINGERE.
15:00 – 15:50	Conference: Case of Industry Success: Implementation of the SAO based on COSMIC in a Government Entity and Benefits obtained in a second cycle <ul style="list-style-type: none">- Mtro. Fernando Solares Valdés General Director of Information Technology, National Hydrocarbons Commission
16:00 – 16:50	Conference: Experiences in the implementation of the 1st Measurement and Estimation Center in Mexico: COPPEL <ul style="list-style-type: none">- Mtro. Ricardo Ernesto Cárdenas Estrada COPPEL Software Measurement Center Manager
17:00 – 17:50	Conference: COSMIC application for validation of perspective estimates from a software factory <ul style="list-style-type: none">- Ing. Iván Hernández General Manager Appwhere Software Factory
18:00 – 18:20	CNMES Closure

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iOS Development Lab

Thursday 24th

09:00 – 13:00

Workshop: Visual Thought as a communication tool to boost software development

- Carlo Gilmar Padilla Santana

Aimed at people involved in any activity related to software development interested in knowing and learning tools to enhance communication and learning

Capacity: 25

Friday 25th

10:30 – 14:30

Workshop: MENSURA tool; More than estimates!

- Dr. Francisco Valdes

Workshop focused on explaining application and benefit of the use of the MENSURA tool in measurement, estimation and quantitative management of software projects

Capacity: 25

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Microsoft AI Laboratory

Wednesday 23th

10:30 – 14:30

Workshop: Firebase Functions & Firestore Overview

- Luis E. Jimenez

The highlight when using Firebase Functions as well as Cloud Firestore, in addition to the advantages of a database such as Firestore

Capacity: 25

15:00 – 18:00

Workshop: Software Estimation with COSMIC

- Dr. Francisco Valdes

Workshop focused on explaining the application of the COSMIC methodology to perform software estimation. A practical example will be made for the explanation of the methodology

Capacity: 25

18:00 – 19:30

REDMIS Session

Thursday 24th

09:00 – 12:00

Workshop: Using Design Thinking in Requirements Engineering

- Dr. Sodel Vazquez

Use design thinking in the first stage of the life cycle of software development,

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Microsoft AI Laboratory

requirements engineering. Through a process for the practical and creative resolution of the problem to be solved.

Capacity: 25

16:00 – 17:30

Workshop: Introduction to TensorFlow

- W. Gustavo Cevallos

To create our first neural network with TensorFlow 2.0, we will talk about what a neural network is and we will see how problems of everyday life can be applied to artificial intelligence

Capacity: 25

Friday 25th

14:00 – 15:00

Workshop: Social Datamining for decision making

- Dr. Edgar Gonzalo Cossio Franco

Twitter, Facebook and Instagram analysis sentiment analysis application

Capacity: 25

A black and white photograph of a city skyline at sunset or sunrise. The sky is filled with scattered clouds. In the foreground, there's a dark, hilly area with some sparse vegetation and a paved path or road. In the middle ground, there's a large, modern-looking building with a distinctive rounded facade and a large mural or artwork covering its side. Behind it, there's a highway with several cars. Further back, the city skyline is visible with many buildings of varying heights. The overall atmosphere is dramatic due to the lighting.

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2019**