

MICAI 2019
Programme Overview

Monday October 28			
TUTORIALS			
09:00-13:00	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Planificación y control de movimientos de robots- Rafael Murrieta Cid (Building: USBI, Room: Videoconference 1) </td> <td style="width: 50%; vertical-align: top;"> Introduction to BDI agent programming with JaCa - Héctor Xavier Limón Riaño (Building: USBI, Room: Videoconference 2) </td> </tr> </table>	Planificación y control de movimientos de robots- Rafael Murrieta Cid (Building: USBI, Room: Videoconference 1)	Introduction to BDI agent programming with JaCa - Héctor Xavier Limón Riaño (Building: USBI, Room: Videoconference 2)
Planificación y control de movimientos de robots- Rafael Murrieta Cid (Building: USBI, Room: Videoconference 1)	Introduction to BDI agent programming with JaCa - Héctor Xavier Limón Riaño (Building: USBI, Room: Videoconference 2)		
09:00-13:00	A Walk-Though of Deep-Learning-based Object Detectors - Gilberto Ochoa-Ruiz (Building: USBI, Room: Videoconference 3)		
13:00-14:00	Lunch		
14:00-18:00	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Trading Algorítmico con Python. Aprende a comprar y vender acciones en la bolsa de valores usando Python y modelos basados en Inteligencia Artificial - Israel Hernández y Oscar Herrera (Building: USBI, Room: Videoconference 2) </td> <td style="width: 50%; vertical-align: top;"> Inteligencia Computacional para el Procesamiento y Clasificación de Bioseñales - Carlos Alberto Reyes García (Building: USBI, Room: Videoconference 1) </td> </tr> </table>	Trading Algorítmico con Python. Aprende a comprar y vender acciones en la bolsa de valores usando Python y modelos basados en Inteligencia Artificial - Israel Hernández y Oscar Herrera (Building: USBI, Room: Videoconference 2)	Inteligencia Computacional para el Procesamiento y Clasificación de Bioseñales - Carlos Alberto Reyes García (Building: USBI, Room: Videoconference 1)
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14:00-18:00	The RoboCup Logistics League - A Teaching and Research Testbed for Novel Concepts in Flexible Production - Gerald Steinbauer (Building: USBI, Room: Videoconference 3)		
WORKSHOPS			
09:00-13:00	XII Workshop on Hybrid Intelligent Systems (HIS 2019) , Building: Tlaqná, Room: Annexed Room		
09:00-13:00	1st Workshop on New Trends in Computational Intelligence and Applications CIAPP 2019 , Building: CIIA, Room: Room 01		

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10:00-13:00	XII Workshop on Intelligent Learning Environments (WILE 2019) , Building CIIA, Room: Auditorium Dr. Emilio Gidi Villareal
14:00-18:00	V International Workshop on Intelligent Decision Support Systems for Industry Application (WIDSSI 2019) , Building CIIA, Room: Auditorium Dr. Emilio Gidi Villareal
14:00-18:00	I Workshop on Causal Reasoning , Building: Tlaqná, Room: Annexed Room
14:00-18:00	Workshop on Machine Learning for Healthcare , Building: CIIA, Room: Room 01

MAIN CONFERENCE PROGRAM OVERVIEW

Tuesday October 29

08:00-17:30

Registration

08:30-09:00

Opening Ceremony

09:0-10:00

Keynote talk: Seth Hutchinson, IRIM-Georgia Institute of Technology, USA
Design, Modeling and Control of a Robot Bat: From Bio-inspiration to Engineering Solutions
Building: Tlaqná, Room: Annexed Room

10:00-10:30

Break

10:30-11:00

<p>29-1: Fuzzy Systems, Reasoning and Intelligent Applications 1 Building: USBI, Room: Videoconference 1</p>	<p>29-2: Optimization and Planning 1 Building: USBI, Room: Videoconference 2</p>	<p>29-3: Machine Learning 1 Building: Tlaqná, Room: Annexed Room</p>	<p>29-4: Doctoral Consortium 1 Building: USBI, Room: Videoconference 3</p>
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11:00-11:30

11:30-12:00

12:00-13:00

Lunch

13:00-14:00

Keynote talk: Pablo Noriega, Artificial Intelligence Research Institute of the Spanish Scientific Research Council, Spain
Misbehaving and AI: the challenge of autonomy in artificial intelligent systems
Building: Tlaqná, Room: Annexed Room

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14:00-14:15

Break

14:15-14:45

<p>29-5: Fuzzy Systems, Reasoning and Intelligent Applications 2 Building: USBI, Room: Videoconference 1</p>	<p>29-6: Optimization and Planning 2 Building: USBI, Room: Videoconference 2</p>	<p>29-7: Machine Learning 2 Building: Tlaqná, Room: Annexed Room</p>	<p>29-8: Doctoral Consortium 2 Building: USBI, Room: Videoconference 3</p>
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14:45-15:15

15:15-15:45

15:45-16:00

Break

16:00-17:30

Panel: México frente a los Retos y Oportunidades de la Inteligencia Artificial: Implicaciones Técnicas y Éticas
Building: Tlaqná, Room: Annexed Room

17:30-17:45

Break

17:45-19:00

Special session: short oral presentations (All papers accepted as a Poster presentation)

19:00-21:30

Special session: poster presentations & welcome party

Wednesday, October 30

09:00-10:00

Keynote talk: Marley Vellasco, PUCRJ, Brazil
Neuro-Evolutionary Models based on Quantum-Inspired Evolutionary Algorithms
Building: Tlaqna, Room: Annexed Room

10:00-10:15

Break

10:15-10:45

10:45-11:15

11:15-11:45

<p>30-1: Fuzzy Systems, Reasoning and Intelligent Applications 3 Building: USBI, Room: Videoconference 1</p>	<p>30-2: Vision and Robotics 1 Building: USBI, Room: Videoconference 2</p>	<p>30-3: Machine Learning 3 Building: Tlaqná, Room: Annexed Room</p>	<p>30-4: Emotion Detection, Sentiment Analysis, and Opinion Mining Building: USBI, Room: Videoconference 3</p>
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11:45-12:15

12:15-12:30

Break

12:30-14:00

Panel: Artificial Intelligence & Industry
Building: Tlaqná, Room: Annexed Room

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14:00-14:15

Break

14:15-14:45

Book Presentation: "De la Inteligencia Artificial a la Ciencia de Datos, La resiliencia de Adolfo Guzmán Arenas", Carlos Vizcaíno. Presentación por Marco Antonio Ramírez
Building: Tlaqná, Room: Annexed Room

14:45-17:30

Free Time for Lunch

18:00-20:00

Academic activities / cultural program: Guided visit to the Anthropology Museum of the UV

20:00-23:00

Conference Dinner: Anthropology Museum of the UV with the participation of the Folkloric Ballet

Thursday October 31

09:00 – 10:00

Keynote talk: Julian Togelius, NY University, USA
Are games still interesting for AI research?
Building: Tlaqna, Room: Annexed Room

10:00 – 10:15

Break

10:15 – 10:45

10:45 – 11:15

11:15 – 11:45

11:45 – 12:00

<p>31-1: Machine Learning 4 Building: Tlaqná, Room: Annexed Room</p>	<p>31-2: Natural Language Processing 1 Building: USBI, Room: Videoconference 1</p>	<p>31-3: Vision and Robotics 2 Building: USBI, Room: Videoconference 2</p>	<p>31-4: Optimization and Planning Building: USBI, Room: Videoconference 3</p>
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Break

12:00-13:00

Keynote talk: Manuel Montes y Gómez, INAOE, Mexico
About me and my illness: Two psycholinguistically-motivated methods for detecting depression in social media
Building: Tlaqna, Room: Annexed Room

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13:00-13:15

Break

13:15-17:15

Tutorial: Nuevos Modelos y Algoritmos de Redes Neuronales Artificiales - Juan Humberto Sossa Azuela
Building: Tlaqna Annexed Room

13:15-13:45

13:45-14:15

14:15-14:45

31-5: Fuzzy Systems, Reasoning and Intelligent Applications 4

Building: USBI, Room: Videoconference 1

31-6: Vision and Robotics 3

Building: USBI, Room: Videoconference 2

14:00 - 17:00

National Logistics Laboratory, Meeting and Working Session: Big Data for Transport Systems and Logistics
Cesar Jaime Montiel Moctezuma, Miguel Gastón Cedillo Campos, Jaime Mora Vargas
Building CIIA, Room: Auditorium Dr. Emilio Gidi Villareal

14:45-16:00

Lunch

16:00-16:30

16:30-17:00

17:00-17:30

17:30-18:00

31-7: Machine Learning 5

Building: USBI, Room: Videoconference 1

31-5: Fuzzy Systems, Reasoning and Intelligent Applications 4

Building: USBI, Room: Videoconference 2

Friday November 1

09:00

Academic activities and cultural program (Tour to Archeologic zone: Cempoala and Quiahuiztlán)