Llista de Contribucions

La llista de contribucions està agrupada en sesions temàtiques i organitzada entre presentacions orals i pòsters.

**Presentacions Orals**

**Session on Logic, Satisfiability, Fuzzy Sets**

37. Clause Branching in MaxSAT and MinSAT.
   *Josep Argelich, Chu-Min Li, Felip Manyà and Joan Ramon Soler*

47. DeciMaxSum: Using Decimation to Improve Max-Sum on Cyclic DCOPs.
   *Jesus Cerquides, Rémi Emonet, Gauthier Picard and Juan A. Rodríguez-Aguilar*

22. Style painting classifier based on Horn clauses and Explanations (SHE).
   *Vicent Costa, Pilar Dellunde and Zoe Falomir*

16. A lattice structure for the set of interval-valued fuzzy-qualitative labels.
   *Francesc Prats, Mónica Sánchez and Núria Agell*

**Session on Classifiers, Networks and Machine Learning**

4. The Effect of Space-Time Representation Learning in Predicting People’s Next Location.
   *Abdulrahman Al-Molegi and Antoni Martínez Ballesté.*

54. Quaternion Phase CNN.
   *E. Ulises Moya-Sánchez, Sebastian Colores, Abraham Sánchez and Ulises Cortés.*

   *Joan Serrà, Santiago Pascual and Alexandros Karatzoglou*

   *Javier Tauste, Miguel Angel González, Lledó Museros, Ismael Sanz, Dolores Llidó and Luis Gonzalez-Abril.*

**Session on Data Science, Recommender Systems and Case-based Reasoning**

8. A method to integrate semantic criteria into a recommender system based on ELECTRE outranking relations.
   *Sílvia Buira and Aida Valls*
55. Web pattern navigation profiling for online marketing campaigns design support under a data science approach.
   Arturo Palomino and Karina Gibert

   Nariman Nakhjiri, Maria Salamó and Miquel Sànchez-Marrè

43. On the analysis of utility and risk for masked data in big data: a small data analysis.
   Vicenç Torra

Session on Natural Language and Sound Processing

   Teresa Alsinet, Josep Argelich, Ramón Béjar and Santi Martínez

41. Tweet sentiment visualization and classification using manifold dimensionality reduction.
   Francisco Grimaldo, Emilia López-Iñesta, Juan José Garcés-Iniesta, Juan Gómez-Sanchis, Daniel García-Costa, Eusebio Marqués-Benítez and Emilio Soria-Olivas

   Mohammed Jabreel, Najlaa Maaroof, Ammar Acran and Antonio Moreno

5. Enhancing Text Spotting with a Language Model and Visual Context Information.
   Ahmed Sabir, Francesc Moreno-Noguer and Lluís Padró.

Session on Computer Vision and Cognitive Agents

   Md. Mostafa Kamal Sarker, Mohammed Jabreel, Hatem A. Rashwan, Syeda Furruka Banu, Vivek Kumar Singh, Antonio Moreno, Petia Radeva and Domènec Puig

   Vivek Kumar Singh, Hatem A. Rashwan, Farhan Akram, Nidhi Pandey, Md. Mostafa Kamal Sarker, Adel Saleh, Saddam Abdulwahab, Najlaa Maaroof, Jordina Torrents Barrena, Santiago Romani and Domènec Puig

46. An approach to Gait Analysis from Human-Rollator Interaction: The i-Walker.
   Atia Cortés, Maribel Ojeda, Javier Béjar and Antonio B. Martínez

   Dolça Tellols, Maite Lopez-Sanchez, Inmaculada Rodriguez and Pablo Almajano
Pòsters

Sessió 1

**Cognitive Systems and Agents**

53. What is the Physics of Intelligence?.  
*Xerxes D. Arsiwalla, Camilo M. Signorelli, Jordi-Ysard Puigbò, Ismael T. Freire and Paul Verschure*

11. Using wearable sensors to detect workload on driving simulated scenarios.  
*Victor Corcoba, Zoe Falomir and Nourelhoda Mohamed*

44. Limits of Multi-Agent Predictive Models in the Formation of Social Conventions.  
*Ismael T. Freire, Xerxes D. Arsiwalla, Jordi-Ysard Puigbò and Paul F. M. J. Verschure*

*Karla Olmos-Sánchez and Jorge Rodas-Osollo*

45. Loss aversion fosters coordination in independent reinforcement learners.  
*Marco Jerome Gasparrini, Martí Sánchez-Fibla*

**Data Science, Recommender Systems and Case-based Reasoning**

27. Big Data Analytics for Obesity Prediction.  
*Ahsan Bilal, Alfredo Vellido and Vicent Ribas*

38. A Study on Contextual Influences on Automatic Playlist Continuation.  
*Anna Gatzioura, Miquel Sànchez-Marrè and Alípio Mário Jorge*

29. eXiT*CBR: a tool supporting RRI.  
*Beatriz López and Carles Pous*

56. Including Hard Restrictions into Diet4You Menu Planner.  
*Beatriz Sevilla-Villanueva, Karina Gibert and Miquel Sànchez-Marrè*

49. On Boolean algebras of conditionals and probabilities of conditionals.  
*Tommaso Flaminio, Lluis Godo and Hykel Hosni*

**Natural Language and Sound Processing**

15. Do Positive Twitter Messages Have Impact on Stock Liquidity?.  
*Aliasghar Abdirahmani and Cecilio Angulo*
52. A new algorithm for speech enhancement based on multivariate empirical mode decomposition.
   Pere Marti-Puig, Esteve Gallego-Jutglà, Gerard Masferrer and Jordi Solé-Casals

   Iván Paz, Àngela Nebot, Francisco Múgica and Enrique Romero

3. A Visual Distance for WordNet.
   Raquel Pérez-Arnal, Armand Vilalta, Dario Garcia-Gasulla, Ulises Cortés, Eduard Ayguadé and Jesus Labarta

**Sessió 2**

**Classifiers, Networks and Machine Learning**

   Carmen Aloy Torás, Petar Mimica and Marcelino Martínez Sober

   Manuel Herrera, Robert Wright, Carlo Giudicianni, Armando di Nardo and Joaquín Izquierdo

   Jaume Manero, Javier Béjar and Ulises Cortés

   Gerard Masferrer, Ricard Carreras, Pere Marti-Puig and Moises Serra

36. A Fuzzy Learning Method to Segment Visitors of a Tourist Attraction.
   Jennifer Nguyen, Albert Armisen, German Sánchez-Hernández, Núria Agell and Cecilio Angulo

   Alberto Olivares-Alarcos, Iva Stankovic, Humberto González and Horacio Rodríguez

51. Unsupervised Systems-Level Learning Mechanism Based on Bayesian-Inference.
   Jordi-Ysard Puigbò, Xerxes D. Arsiwalla and Paul Verschure
   Farhan Akram, Vivek Kumar Singh, Md. Mostafa Kamal Sarker, Miguel Angel Garcia and Domènec Puig

   José de Gea Fernández, Nils Niemann, Sebastian Stock, Martin Günther, Dennis Mronga, Hendrik Wiese, Elsa Kirchner, Stefan Stiene

32. Considering the Anchoring Problem in Robotic Intelligent Bin Picking.
   Diego Escudero-Rodrigo and René Alquézar

   Javier García López, Antonio Agudo and Francesc Moreno-Noguer

   Ramon Reig-Bolano, Moises Serra i Serra and Pere Martí-Puig

   Nasibeh Saffari, Hatem A. Rashwan, Blas Herrera and, Santiago Romani, Meritxell Arenas and Domènec Puig