

| IDEAL 2025 Conference Program |                                                                                                                                                              |                                                                                              |                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Day 1, Thursday 13th November |                                                                                                                                                              |                                                                                              |                                                                                              |
| Time Slot                     | *All the times are in CET                                                                                                                                    |                                                                                              |                                                                                              |
| 8:10 - 9:00                   | Registration (Building C1 )                                                                                                                                  |                                                                                              |                                                                                              |
| 9:00 - 9:30                   | Opening Ceremony (Room: Building C1 - Salón de Grados 2 )                                                                                                    |                                                                                              |                                                                                              |
| 9:30 - 10:30                  | Invited Talk - The Next Frontier in Explainable AI: Human-AI Synergy by Francisco Herrera<br>(Room: Building C1 - Salón de Grados 2 )                        |                                                                                              |                                                                                              |
| 10:30 - 11:00                 | Coffee Break (Building C4)                                                                                                                                   |                                                                                              |                                                                                              |
| 11:00 - 13:00                 | Parallel Sessions                                                                                                                                            |                                                                                              |                                                                                              |
| Room                          | Building D1- Sala de Juntas                                                                                                                                  | Building C1 - Salón de Grados 2                                                              | Building C1 - Salón de Grados 1                                                              |
|                               | SS06a: Artificial Intelligence Applied to Image Analysis                                                                                                     | SS08a: Trustworthy and Explainable Artificial Intelligence: an interdisciplinary perspective | Session 01                                                                                   |
| 13:00 - 15:00                 | Lunch Break (Building C4)                                                                                                                                    |                                                                                              |                                                                                              |
| 15:00 -17:00                  | Parallel Sessions                                                                                                                                            |                                                                                              |                                                                                              |
| Room                          | Building D1- Sala de Juntas                                                                                                                                  | Building C1 - Salón de Grados 2                                                              | Building C1 - Salón de Grados 1                                                              |
|                               | SS09: Trustworthy and Intelligent Data Infrastructures: Distributed Ledger Technologies and Cybersecurity for automated Learning Systems                     | SS04: Federated Learning, Intelligent Fusion and Applications (FLIFA)                        | SS05a: Workshop on Intelligent Decision and Recommender Systems                              |
| 17:00 - 17:30                 |                                                                                                                                                              | Coffee Break (Building C4)                                                                   |                                                                                              |
| 17:30 - 18:30                 | Parallel Sessions                                                                                                                                            |                                                                                              |                                                                                              |
| Room                          | Building D1- Sala de Juntas                                                                                                                                  | Building C1 - Salón de Grados 2                                                              | Building C1 - Salón de Grados 1                                                              |
|                               | Session 02                                                                                                                                                   | Session 03                                                                                   | SS06b: Artificial Intelligence Applied to Image Analysis                                     |
| 18:30                         | Welcome Reception                                                                                                                                            |                                                                                              |                                                                                              |
|                               |                                                                                                                                                              |                                                                                              |                                                                                              |
| Day 2, Friday 14th November   |                                                                                                                                                              |                                                                                              |                                                                                              |
| 9:00 -10:20                   | Parallel Sessions                                                                                                                                            |                                                                                              |                                                                                              |
| Room                          | Building D1- Sala de Juntas                                                                                                                                  | Building C1 - Salón de Grados 2                                                              | Building C1 - Salón de Grados 1                                                              |
|                               | SS05b: Workshop on Intelligent Decision and Recommender Systems                                                                                              | SS02a: Recent Advances in Generative Artificial Intelligence                                 | SS03: The 2nd International Workshop on Anomaly Detection with Machine Learning              |
| 10:20 -10:45                  | Coffee Break (Building C4)                                                                                                                                   |                                                                                              |                                                                                              |
| 10:45 -11:45                  | Invited Talk - "Human-Centered NLP for Behavioral Health: From Conversation to Coaching" by Verónica Perez-Rosas<br>(Room: Building C1 - Salón de Grados 2 ) |                                                                                              |                                                                                              |
| 12:00 - 13:00                 | Parallel Sessions                                                                                                                                            |                                                                                              |                                                                                              |
| Room                          | Building D1- Sala de Juntas                                                                                                                                  | Building C1 - Salón de Grados 2                                                              | Building C1 - Salón de Grados 1                                                              |
|                               | Session 04                                                                                                                                                   | Session 05                                                                                   | Session 06                                                                                   |
| 13:00 - 14:40                 | Lunch Break (Building C4)                                                                                                                                    |                                                                                              |                                                                                              |
| 14:40 - 16:40                 | Parallel Sessions                                                                                                                                            |                                                                                              |                                                                                              |
| Room                          | Building D1- Sala de Juntas                                                                                                                                  | Building C1 - Salón de Grados 2                                                              | Building C1 - Salón de Grados 1                                                              |
|                               | SS10: Hybrid Intelligent Decision-Making: Integrating AI and MCDM for Real-World Applications                                                                | Session 07                                                                                   | SS08b: Trustworthy and Explainable Artificial Intelligence: an interdisciplinary perspective |
| 16:40 - 17:10                 | Coffee Break (Building C4)                                                                                                                                   |                                                                                              |                                                                                              |
| 17:10-18:30                   | Parallel Sessions                                                                                                                                            |                                                                                              |                                                                                              |
| Room                          | Building D1- Sala de Juntas                                                                                                                                  | Building C1 - Salón de Grados 2                                                              | Building C1 - Salón de Grados 1                                                              |
|                               | Session 08                                                                                                                                                   | Session 09                                                                                   | SS02b: Recent Advances in Generative Artificial Intelligence                                 |
| 20:00                         | Gala Dinner & Best Paper Awards (Hotel Condestable Iranzo)                                                                                                   |                                                                                              |                                                                                              |
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| Day 3, Saturday 15th November |                                                                                                                                                              |                                                                                              |                                                                                              |
| 09:00-12:00                   | Social Events: Guided City Tour (Meeting point: Calle Roldán y Marín: Primor)                                                                                |                                                                                              |                                                                                              |