

DAY PASS available! Register here <https://sites.google.com/view/iwds2025/>

WEDNESDAY 28 MAY 2025 More Info: <https://sites.google.com/view/iwds2025/>

9:30h-10:30h Keynote: *From Call-Flows to Agentic Spoken Dialog Systems for the Enterprise*

Roberto Pieraccini Vice President, Chief Scientist, Head of AI at Uniphore, USA
 CHAIR: M. Inés Torres

Roberto Pieraccini has been an influential scientist and technologist in AI and human-machine spoken interaction since 1981. He has conducted research at institutions like CSELT (Italy), Bell Laboratories (NJ), and IBM Research. He held leadership roles as Technology Director at SpeechWorks International, CTO of SpeechCycle, CEO of the International Computer Science Institute, and Technology Director at Jibo Inc. (Boston). He joined Google (Zurich and New York) as Director of Engineering in 2018. He is now VP and Chief Scientist at Uniphore, leading the AI R&D team. Renowned for his work on statistical natural language understanding and reinforcement learning for dialogue systems, Roberto authored "The Voice in the Machine" (MIT Press, 2012) and "AI Assistants" (MIT Press, 2021). A fellow of IEEE and ISCA, he received the Primi Dieci award (2016) and an honorary Dr. of Science degree from Heriot-Watt University (2019).

10:30-11:00 Coffee Break

11:00-12:15 POSTER SESSION 2: Demos CHAIR: Arantza del Pozo (Vicomtech)

P2.1.- ScriptBoard: Designing modern spoken dialogue systems through visual programming
 Divesh Lala, Mikey Elmers, Koji Inoue, Zi Haur Pang, Keiko Ochi and Tatsuya Kawahara

P2.2.- D4AC: A Tool for Developing Multimodal Dialogue Systems without Coding
 Mikio Nakano and Ryuichiro Higashinaka

P2.3.- A Multilingual Speech-Based Driver Assistant for Basque and English
 Antonio Aparicio Akcharov, Asier López Zorrilla, Juan Camilo Vásquez Correa, Oscar Montserrat, José María Echevarría, Begoña Arrate, Joxean Zapiain, Mikel deVelasco Vázquez, Santiago Andrés Moreno-Acevedo, Ander González-Docasal, Maria Ines Torres and Aitor Álvarez

P2.4.- Intimebot – A Dialogue Agent for Timekeeping Support
 Shoaib Khan, Alex Samani and Rafael Banchs

P2.5.- PrevenIA: Suicide Prevention Information Chatbot in Spanish
 Pablo Ascorbe, María S. Campos, César Domínguez, Jónathan Heras, Ana Rosa Terroba-Reinares and Magdalena Pérez

12:30h-13:15 ORAL SESSION 3: Industrial Track CHAIR: Lina Rojas Baraona (Orange)

OS.1.- LAMIA: An LLM Approach for Task-Oriented Dialogue Systems in Industry 5.0
 Cristina Fernandez, Izaskun Fernandez and Cristina Aceta (Tekniker)

OS.1.- Conversational Tutoring in VR Training: The Role of Game Context and State Variables
 Maia Aguirre, Ariane Méndez, Aitor García-Pablos, Montse Cuadros, Arantza del Pozo, Oier Lopez de Lacalle, Ander Salaberria, Jeremy Barnes, Pablo Martínez and Muhammad Zeshan Afzal (Vicomtech)

OS.1.- A Methodology for Identifying Evaluation Items for Practical Dialogue Systems Based on Business-Dialogue System Alignment Models
 Mikio Nakano, Hironori Takeuchi and Kazunori Komatani

OS.1.- Speech-Controlled Smart Speaker for Accurate, Real-Time Health and Care Record Management
 Jonathan E. Carrick, Nina Dethlefs, Lisa Greaves, Venkata M. V. Gunturi, Rameez Raja Kureshi and Yongqiang Cheng

13:30-14:45 LUNCH

15:00 - 16:45 OPEN SESSION Ecosistema de la IA Conversacional en Euskadi. IWSDS, GAIA, Vicomtech, BAIC

DAY PASS Only 150€! Registration required

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