

# SUM2024

## The 16th International Conference on Scalable Uncertainty Management

**Palermo (Italy) - November 27-29, 2024**  
**Sala delle Capriate, Complesso Monumentale Steri, Piazza Marina 61**

Established in 2007, the SUM conferences aim to gather together researchers with a common interest in managing and analyzing imperfect information from a wide range of fields, such as Artificial Intelligence and Machine Learning, Uncertain reasoning, Databases, Information Retrieval and Data Mining, the Semantic Web and Risk Analysis, with the goal of fostering collaboration and cross-fertilization of ideas from these different communities.

The SUM conferences were originally held annually. However, starting from 2020, they became biennial events, occurring every two years. The first SUM conference was held in Washington DC in 2007. Since then, the SUM conferences have successively taken place in Naples (2008), Washington DC (2009), Toulouse (2010), Dayton, (2011), Marburg (2012), Washington DC (2013), Oxford (2014), Québec (2015), Nizza (2016), Granada (2017), Milan (2018), Compiègne (2019), Bolzano (2020), Paris (2022).

SUM 2024 solicited three types of paper submissions: Long papers, short papers, and extended abstracts.

The conference also featured three invited talks by Meghyn Bienvenu (CNRS - University of Bordeaux), Lluis Godo (Artificial Intelligence Research Institute - IIIA, CSIC), and Barbara Vantaggi (University of Rome "La Sapienza"), as well as four tutorials by Andrea Capotorti (University of Perugia), Cassio de Campos (Eindhoven University of Technology), Niki Pfeifer (University of Regensburg), and Michele Tumminello (University of Palermo).

**Conference Chair**  
Giuseppe Sanfilippo

**Program Chairs**  
Vanina Martinez  
Sébastien Destercke

**Local Committee**  
Giuseppa Castiglione  
Lydia Castronovo  
Giuseppe Filippone  
Gianmarco La Rosa  
Davide Petturiti  
Marco Elio Tabacchi

**Tutorials**  
Andrea Capotorti  
Cassio de Campos  
Niki Pfeifer  
Michele Tumminello



Program

### Invited Speakers

Meghyn Bienvenu



Lluis Godo



Barbara Vantaggi



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