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**The First International Conference on AI-based
Systems and Services
AISyS 2024**

September 29 - October 3, 2024 - Venice, Italy

<http://www.aria.org/conferences2024/AISyS24.html>

Important deadlines:

Submission (full paper)	June 17, 2024
Notification	August 4, 2024
Registration	August 19, 2024
Camera ready	August 29, 2024

Tracks:

Core AI-features

AI concepts, methodology and algorithms (agents, environments, expert systems, neural networks, deep thinking)

AI support (Big Data, Machine learning, Deep learning)

AI stages (narrow, general, super)

AI types (reactive machines, limited memory, theory of mind, self-awareness)

Generative AI

AI Uncertainty

(Trustability, Responsibility, Uncertainty) in AI

Transparency and interpretability of AI-based applications

AI-based system explainability

Responsible AI (fairness, transparency, explainability, security, privacy)

Ethics and personalized data

AI-based systems

AI-based policies for designing, deploying, and maintaining complex systems

AI for Industry 4.0/5.0

AI-based for precision agriculture

AI-based for precision medicine

AI-based tracking systems

AI-driven transportation systems

AI-predicting emergency events in 5G and 6G systems

AI-based cyber-systems resiliency

AI-human-centered cybersecurity

AI-based natural language processing systems

AI-based societal services

Impact of AI on society and humans: services, advantages, and risks

Governmental regulations over the AI development lifecycle

Application/corporation certification

Economic paradigms

Financial services, (investment optimization, transactional fraud detection)

Education services for society awareness

Human-in-the-loop decisions; decide vs. assist paradigms

Manipulations and bias in AI-based services

Data governance and citizens data sharing

AI-planned regulations in USA and EU