ICMLBDA-2024 Special Session

Title	**Computational Intelligence and Analytics**
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Abstract (max 200 words)	Computational Intelligence and Analytics emphasize their role in transforming raw data into actionable knowledge. Integrating computational intelligence techniques facilitates the development of robust models capable of learning from data, adapting to changing environments, and solving intricate problems with unprecedented efficiency. This intersection between computational intelligence and analytics has profound implications for industries such as finance, healthcare, manufacturing, and beyond, fostering innovation and enhancing decision-making processes.
Background and Justification (max 300 words)	Computational Intelligence and Analytics represent a dynamic interdisciplinary field combining advanced computational techniques with data analytics to extract meaningful insights, optimize decision-making processes, and address complex problems across diverse domains. This emerging field encompasses a broad spectrum of computational methods, including machine learning, artificial intelligence, evolutionary algorithms, neural networks, and fuzzy logic.
Topics of interest	- Artificial Intelligence - Machine Learning and Deep Learning - Data Mining and Big Data Analytics - Computer Vision - Image Processing - Search Engine Optimization - Sentimental Analysis - Natural Language Processing - Speech and Gesture Analysis - Big Data Analytics - Predictive Analysis - AI applications in healthcare