1. Special Session Title:

Data Science and Soft Computing: Innovations in Computational Science and Engineering

2. Contact for Correspondence:

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3. Summary of Proposed Session:

In a number of computational scientific and engineering domains, this special session will offer an excellent international venue for discussing knowledge, discoveries, methodologies, and applications. Important theoretical and applied contributions in all significant fields of computational science and engineering are sought by this route. This track's goal is to provide a place for academics and professionals from business and industry to collaborate and debate recent advancements in this field of study.

In this special issue, we aim to:-

1. Cross-Disciplinary Insights: Promote interdisciplinary collaboration by creating a dynamic platform for researchers in machine learning, deep learning, IoT, AI, and data science to share concepts and ideas.

2. Real-World Applications: Highlight successful case studies and real-world examples of how integrating these technologies has improved various industries, including healthcare, manufacturing, finance, transportation, and others.

3. Ethical and Societal Implications: Talk about how integrating these technologies will affect society in terms of issues like privacy, security, bias, accountability, and openness.

4. Emerging Trends: Examine cutting-edge developments in edge computing, explainable AI, federated learning in the Internet of Things, and handling massive heterogeneous data sets.

5. Knowledge Sharing: Establish a forum for the exchange of cutting-edge research, approaches, and

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- Innovations and Advancements in AI, ML and Deep Learning

- Analytics and Data Science

- Soft Computing and Fuzzy Systems

- Wireless Computing

- IoT and Cyber-Physical Systems

- Optimization Algorithms

- Parallel and Distributed Computing

- Pattern Recognition

- Image Processing

- Quantum Computing

- Robotics and Autonomous Systems.

4. Details of session chair

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