

## 1st International Conference on Advanced Optimization Techniques and Applications

<https://aota.co.in>

### Special Session

### Progression in Connected Wearables and Data Analytics for Healthcare Applications

#### Session proposer

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#### List of Session Topics (but not limited to)

1. Deep learning for wearable IoT
2. Edge machine learning
3. Machine learning and Data Analytics for IoT healthcare
4. AI driven health & fitness devices
5. Design, manufacturing, and fabrication of advanced sensors for healthcare applications.
6. Connected Wearables for Assisted Living
7. Knowledge graphs and knowledge representation for smart health and IoT
8. Remote health symptoms monitoring with wearable sensors and diagnosis
9. Edge/Fog/cloud-enabled healthcare framework
10. AI-enabled and agent-based healthcare framework with wearable sensors
11. Small scale/nano communication
12. Wearable and implantable wireless sensors challenges
13. Machine/deep learning for wearable sensor data analytics
14. Signal Processing and Data Collection through wearable sensors
15. Security and privacy issues for wireless healthcare data
16. Trust, privacy, and security of healthcare framework with wearable sensors
17. Neuromorphic AI

#### Publications

There are various publication opportunities in AOTA-2023. Authors can choose any one option from the followings:

**Publication Option 1:** Authors can choose their paper to publish in the world famous **Scopus Indexed AIP Conference Proceedings** (Approval Received).

**Publication Option 2:** Papers will be published as chapters in different edited books of world famous and highly reputed international publishers including but not limited to Scriver - Wiley, Apple Academic Press to name a few.



**Online Presentation facility available**

To submit paper scan



To submit paper visit:

<https://easychair.org/conferences/?conf=aota2023>

#### Associated Journals

International Journal of Operations Research and Information Systems (**Scopus**)  
International Journal of Information Systems and Supply Chain Management (**Scopus**)  
International Journal of Business and Globalisation (**Scopus**)  
International Journal of Business Analytics (**Scopus**)  
and many more.....

#### Important Dates

**Full paper submission : 20/12/22**  
**Final paper acceptance : 30/12/22**  
**Registration deadline : 05/01/23**  
**Conference Date : 21-22 January, 2023**

#### Registration Fees

	Option1 (AIP)	Option2
Students/Research Scholars	: ₹ 11000	₹ 4000
Faculty Members / Academicians	: ₹ 11500	₹ 4500
Industry Persons	: ₹ 12000	₹ 5000
Listener (with certificate)	: ₹ 500	₹ 500
Co-authorship Certificate	: ₹ 500	₹ 500

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**Sultan Moulay Slimane University, Morocco**  
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**The Internet Society (ISOC), Kolkata , Adonic Informatics & Society for Data Science : S4DS**



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