

**IIHMSP-2022-IS04
Call for Paper
Invited Session on Data Analysis and Applications for Smart Living
Session Organizer: Prof. Mong-Fong Horng**

Smart living is a living style employing a variety of context-aware technology, including sensing, content-delivering, data analytics, edge/cloud computation, and service architecture to facilitate the quality people live and work with more safety and convenience. The sensing, collection, delivery, storage, analytics and applications of context data, even human behavior, are the key to the success of smart living. Certainly, the security and privacy of data and people in smart living space also are concerned significantly. For example, sensors in the Internet of Things (IoT) collect large volumes of data to enable the monitoring of the occupant lives and optimize services supported by analysis results without compromising data security and privacy of the occupant. In this special session, the authors are encouraged to aims at exploring how to construct smart living architecture with emerging and promising technology. Submissions of high-quality papers describing mature results or on-going work are invited. Topics of interest include but are not limited to the following:

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| 1. Application Development of Smart Living | 9. Mobile Computing for Smart Living Applications |
| 2. Context-aware Technology in Smart Living Space | 10. Modelling of User Behaviors in Smart Living Space |
| 3. Data analytics for Smart Living Applications | 11. Optimization for of Smart Living Applications |
| 4. Data Service on Smart Living | 12. Privacy-Preserving in Smart Living Space |
| 5. Ethic in Smart Living Applications | 13. Real-time Processing Techniques and Algorithms |
| 6. Fog/Edge/Cloud Computing of Smart Living | 14. Resource Management in Smart Living |
| 7. Human Machine Interface in Smart Living | 15. Security and Trust in Smart Living Space |
| 8. Machine Learning and Smart Living | 16. Service Architectures of Smart Living |

Submissions:

Papers should follow the template on the conference website and be submitted via email to Prof. Mong-Fong Horng at mfhorng@nkust.edu.tw

Important Dates:

Paper submission: October 5, 2022

Acceptance notification: November 5, 2022

Camera-ready copy/registration: November 12, 2022

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