

International Journal of Future Computer and Communication

CONTENTS

Volume 15, Number 1, 2026

- An AI-Driven Methodology for Classifying Transient Signals in the Evaluation of Optical Fiber Amplifiers..... 1
Peerasut Anmahapong, Nuntawut Kaoungku, and Parin Sornlertlamvanich
- Microservice-Based IoT Architecture for Precision Agriculture: ESP32 vs. Arduino Edge Nodes..... 11
Natalia Axak, Maksym Kushnaryov, and Yurii Shelikhov
- Development of User-Centric HTTP Adaptive Video Streaming Technique.....25
Temitope A. Komolafe, Akinola A. Ibikunle, Sunday Adeola Ajagbe, Ayodeji O. Oluwatope, Korede Israel Adeyanju, and Adedayo A. Olayiwola
- Using AI to Improve Operations in the Emergency Department.....37
Taghreed A. Alahmadi, Marwah J. Aljohani, Shrooq M. Alattas, and Salma M. Elhag
- Predictive Analytics for Book Title Selection: A Big Data-Based Study.....44
Ma Xiaotian and Wang Chao