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# Detecting Mobile Producer's Position in a Wireless Named Data Network Environment Using Signal Strength

Muhammed Zaharadeen Ahmed, Othman Omran Khalifa, Aisha Hassan Abdallah Hashim, Abdulkadir Hamidu Alkali, Belal Ahmed Hamida & Hafsat Suleiman Jalo

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#### Abstract

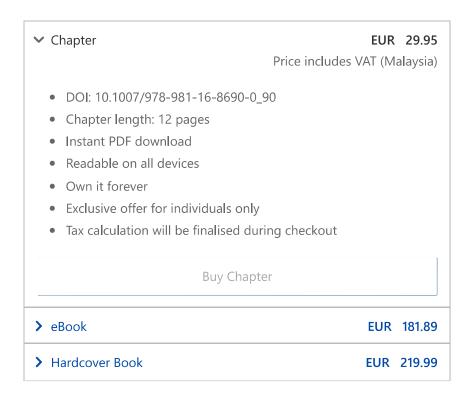
Named Data Networking (NDN) is a new Content Centric Network architecture that can possibly overwhelm most issues of IP mobility and security. The NDN is centered on addressing contents by themselves using names, rather than assigning IP addresses to packets on hosts where information is located on the global Internet. Due to the developing scope of remote access around the world and Wi-Fi accessibility, scenarios change because of additional

networking devices. This paper analyses existing methodologies of mobile device communication using Wi-Fi in NDN. This involves using a mobile producer and a rendezvous node connected via content routers in an NDN scenario. Their location is detected and predicted immediately handoff occur and it send content transmission as a consumer. The approach of transmitting content signals uses sign power pointer (RSSI), TOA, and TSE in the network. Several challenges were noted and pointed out enhance future work.

## Keywords

Handoff Producer Rendezvous node

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## **Author information**

Authors and Affiliations

International Islamic University Malaysia, 53100,

Kuala Lumpur, Malaysia

Muhammed Zaharadeen Ahmed, Othman Omran

Khalifa & Aisha Hassan Abdallah Hashim

University of Maiduguri, Maiduguri, 1069, Borno

State, Nigeria

Abdulkadir Hamidu Alkali, Belal Ahmed

Hamida & Hafsat Suleiman Jalo

### Editor information

**Editors and Affiliations** 

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Pahang, Malaysia

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# Faculty of Electrical and Electronics Engineering Technology, Universiti Malaysia Pahang, Pekan, Pahang, Malaysia

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