World Library and Information Congress
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Full Programme (PDF)

Monday, 26 August 2019

Congress Programme
11:45 – 13:15 Mitropoulos

Session 114 Data Mining and Artificial Intelligence: Artificial Intelligence and Data Mining to transform knowledge management and information services in libraries and information organizations - Knowledge Management with Information Technology and the Big Data

Chair: Frank Cervone, Chicago, United States
Chair: Leda Bultrini, Rome, Italy

Artificial intelligence (AI) is having a pervasive impact on many aspects of our lives. From data mining that helps us better understand consumer behavior to machine learning that allows robots to perform functions humans either cannot or do not want to do themselves, AI is already having a major impact in our day-to-day lives.

In this session, we will be looking at how AI and data mining are being used in practical applications to transform traditional knowledge management and information service practices in libraries and other information agencies.

1. AI, Data Mining, and Information Services: Technology driving change
Frank Cervone, University of Illinois at Chicago, United States

2. Yewno: Transforming Data into Information, Transforming Information into Knowledge
Philip E. Schreur, Stanford University, United States

3. Virtual information assistants on mobile app to serve visitors at Helsinki Central Library Oodi
Eero Hammais, Headai Ltd., Helsinki, Finland
Harri Ketamo, Headai Ltd., Helsinki, Finland
Anttti Koivisto, Satakunta University of Applied Sciences, Pori, Finland

4. Mining Text, Linking Entities – NLB's Journey
Min Hoon Ee, National Library Board, Singapore, Singapore

5. New Functionality for Digital Libraries: Enhancing discoverability at the National Diet Library
Wataru Satomi, National Diet Library of Japan, Tokyo, Japan
Toru Aoike, National Diet Library of Japan, Tokyo, Japan
Takanori Kawashima, National Diet Library of Japan, Tokyo, Japan