Information infrastructure research in library and information science

by Library, Information and Media Science University of Tsukuba

ZAIDANE Asmae
Graduate School of Library, Information and Media Studies, University of Tsukuba
"Research data services in academic libraries: a content analysis of advanced practices"

IGARASHI Tomoya
Graduate School of Comprehensive Human Sciences, University of Tsukuba
"For creating new methodologies in library evaluation"

KAWAMOTO Marika
Graduate School of Library, Information and Media Studies, University of Tsukuba
"Conceptual modeling of "library as place" in public libraries"

XU Zhelin
Graduate School of Comprehensive Human Sciences, University of Tsukuba
"Normalization of user interests on Twitter using related images"

TSUCHIYA Miyu
Graduate School of Comprehensive Human Sciences, University of Tsukuba
"Renovation of a Public Library for Socially Excluded People: Focusing on the Establishment of the Idea Store"

The posters are available:
 From September 18th to October 18th, 2020
Online Q/A discussions by Zoom:
 1. Sep.24th Start at Tokyo 17:00/Denmark 9:00/London 10:00 (1.5hour)
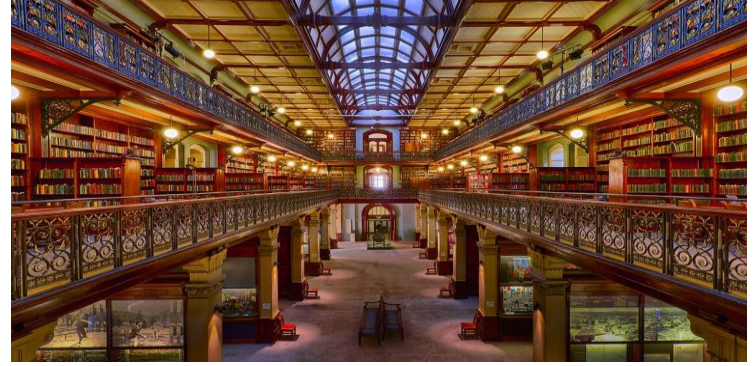 2. Sep.30th Start at Tokyo 9:00/Pittsburgh(EDT) 20:00/Kansas(CDT) 19:00 (1.5hour)
Only registered participants will be invited to the site and Zoom rooms. Please register in advance.
Registration: https://tgsw.tsukuba.ac.jp/en/participants/

In this session, we will present the results of our research on various aspects of information infrastructure: infrastructure services for using research data, the role of libraries as a place, a model for evaluating public libraries, providing information to socially excluded people, and sharing information of interest in online spaces.

This is an online session which is consists of displaying posters on the site and discussing in Zoom rooms.

Abstract

ZAIDANE Asmae
Graduate School of Library, Information and Media Studies, University of Tsukuba
"Research data services in academic libraries: a content analysis of advanced practices"
In order to ensure the accessibility, interoperability and re-usability of the research data, services such as research data management (RDM) have been provided for researchers in different contexts: The purpose of this research is to examine the current situation of research data services through analyzing the RDM practices within research data services in the academic libraries of two different universities (Harvard University and the University of Oxford.). Universities, research institutions, etc. In order to upgrade their services and tend to the needs of their research communities, academic libraries have been involved in providing research data-related services.

IGARASHI Tomoya
Graduate School of Comprehensive Human Sciences, University of Tsukuba
"For creating new methodologies in library evaluation"
The recent significant changes in society have led to the diversification of public library activities. It is critical to establish a method of library evaluation in order to assess the diversified activities of public libraries. The author has conducted as follows: 1) Analysis of the information needs of citizens by collection evaluation, 2) Examination of the evaluation framework based on the latest model of public libraries, and 3) Analysis of events held in advanced public libraries for the development of a new library evaluation method. The results show that essential changes in library evaluation perspectives.

KAWAMOTO Marika
Graduate School of Library, Information and Media Studies, University of Tsukuba
"Conceptual modeling of "library as place" in public libraries"
In recent years, the roles and functions of public libraries as a place have diversified more and more by the development of information technology and globalization and have taken essential roles. However, these roles and functions are complicated to have been discussed interdisciplinarity. It is challenging to understand what the "library as place" is. Therefore, we will create a conceptual model of "library as place" to clarify its whole picture and its transition. In this poster, we explain our research plan and report progress with results of obtained so far.

XU Zhelin
Graduate School of Comprehensive Human Sciences, University of Tsukuba
"Normalization of user interests on Twitter using related images"
An important task in social network analysis is to identify the hidden communities based on the similarity between users. In order to measure the similarity between users on Twitter, it is necessary to compute the similarity of interests from the users' tweets. However, the same interests may be written with different expressions and existing methods treat them as different interests which will cause a sparsity problem. To alleviate this problem, we propose a method to normalize interests by replacing words with related images and computing the similarity between images.

TSUCHIYA Miyu
Graduate School of Comprehensive Human Sciences, University of Tsukuba
"Renovation of a Public Library for Socially Excluded People: Focusing on the Establishment of the Idea Store"
Tower Hamlets council in London rebuilt their public libraries for social excluded people based on local resident's opinion . The literature review clarified the process of the construction of the "idea store" and the history of the introduction of the social inclusion concept.