Technology Enhanced Library Learning Environments, Architectural Spatial Design and
New Information Technology Possibilities

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Description: The IFLA IT and IFLA Building and Equipment Sections are proud to sponsor a panel discussion and global case studies on technology-enhanced library learning spaces including learning commons, integration with library architectural design, and new conceptual ideas for learning in the new millennia. Presentations will connect digital literacy with new possibilities for library technology enhanced spaces and centers and explore architectural and IT integration. Panelists will include representatives from academic, national, and public libraries globally overviewing innovative architecture, community building, and enabling new learning possibilities for 21st century library digital and algorithmic literacy. Examples of innovative library/architecture/technology case studies from around the world will give examples from public library systems, national libraries and academic research library possibilities to highlight innovation, best-in-class examples, and early-stage project development. Presentations will overview how these projects are pragmatically developed from early stage projects and recent results to completed projects, assessment and future possibilities.

Presentation Abstracts & Presenter and Moderator Biographies

Traci Engel Lesneski (Moderator): CEO and president of MSR Design, Traci promotes an integrated design approach—equally valuing human well-being, equity, building performance, aesthetics, and delight. Recent building projects Traci has led include Missoula, Montana's new library and culture house, the first project in the Americas to be named IFLA/Systematic Public Library of the Year. Traci regularly contributes articles to publications and lectures nationally and internationally about the built environment's role in fostering well-being, promoting learning, and creating resilient, cohesive communities. Traci is a member of the American Library Association (ALA) Core Building & Operations Section Leadership Team, past chair of the ALA Architecture for Public Libraries Committee, and a member of the International Federation of Libraries and Associations (IFLA) Library Buildings and Equipment Section Standing Committee.

Digital transformation in the City of Johannesburg Libraries postpandemic: redesigning and repurposing the use of library spaces through hybrid library services

Digital transformation of the City of Johannesburg Library and Information Services in South Africa began 7 years ago with the introduction of the eLearning Services division and technology-based programs in libraries and offering access to free WIFI, digital literacy programs, information and communication tools including laptops, tablets,e-resources and building three new libraries focusing on effective use of spaces for digital literacy programs, community activities and access to different technologies. This presentation overviews how the new libraries were designed to embrace the fourth industrial revolution and digital economy demands such as eLearning, emerging technologies, and connecting communities with the global village.

Ms Nobuntu Mpendulo nee' Luwaca Director Library and Information Services City of Johannesburg, South Africa. Qualifications – Master of Applied Science- Information Management . Nobuntu has 33 years' experience as a librarian in different capacities. She has worked in different types of libraries, from Colleges of Education - teaching School Librarianship; Academic Libraries as an Information Librarian and a Manager responsible for User Education and Information Literacy training to Public libraries as a Director. Currently working as a Director of Libraries in the City of Johannesburg, responsible for 90 library facilities and a staff complement of +-500. She has been responsible for introducing online library services especially online training programmes for the communities of Johannesburg. Her passion is empowering communities and staff members so that they can participate in the digital economy. Currently leading the digital transformation of City of Johannesburg Libraries, prioritising digitization of rare heritage collection of the City of Johannesburg to enable access. Reading and literacy are prioritised through a number of outreach programmes that enable the City to reach everyone, especially the disadvantaged or previously forgotten communities.

Interactive Digital Architectural Library Spaces at the National Library of Korea

The National Library of Korea (NLK)'s Interactive Library is a set of multimedia architectural spaces where users experience new types of interactive libraries that utilize advanced technologies and showcase the library's ancient manuscripts and treasures. The interactive library spaces foreground the library's specialized content combining new and ancient knowledge sources held by the National Library with leading-edge interactive technology. Integrated architectural spaces provide visitors with a futuristic cultural experience. This presentation overviews the main Interactive Library spaces comprising four intertwined content centers (Experience Storage, The Future of Search, The Digital Book Interactive Maps) creating a larger whole.

Lee Jin-A is a librarian with the National Library of Korea Knowledge Information Operation Department Knowledge Information Services Division. Ms Lee possesses 13 years experience and oversees various areas including the ISSN Korea Center, educational programs to strengthen children's librarian capabilities, archives, the Interactive Library experience center and cooperative online knowledge information service, Ask a Librarian.   Contact email: lja77@korea.kr, tel: +82-2-590-6318

Developing Technologically Enhanced Learning Spaces for New Millennia Academic Libraries

As a third place of community and learning, academic libraries are shifting from quiet places of study to spaces of creation, technology and interdisciplinary collaboration. Digital media centers, digitization spaces and Data visualization/AI labs are being socially integrated in architecturally designed spaces to enable new forms of digital, algorithmic and information-based, literacy and learning. This presentation overviews conceptual principles towards creating these new types of spaces utilizing completed and upcoming projects from the presenter's career in academic library technology overviewing visioning, architectural design documents, conceptual ideas and new technological possibilities for 21st Century academic research libraries.

Dr. Raymond Uzwyshyn is Associate Dean, Collections and Strategy, Mississippi State University Libraries. Previously he served as Director of Digital Services for Texas State University Libraries, Head of Digital and Learning Technologies, University of West Florida, Miami and others. Ray possesses a Ph.D. (NYU, Media Studies), MBA (IT Project Management) and Masters of Library and Information Science. He has chaired the American Society of Information Science & Technology, SIG in Information Visualization and served as a reviewer for the Bill & Melinda Gates Foundation. Currently, he serves on IFLA's IT elected standing committee and as editor of the Section's Trends and Issues in Library Technology.