Showcasing innovations in knowledge organisation.

IKO
INNOVATIONS
IN KNOWLEDGE
ORGANISATION

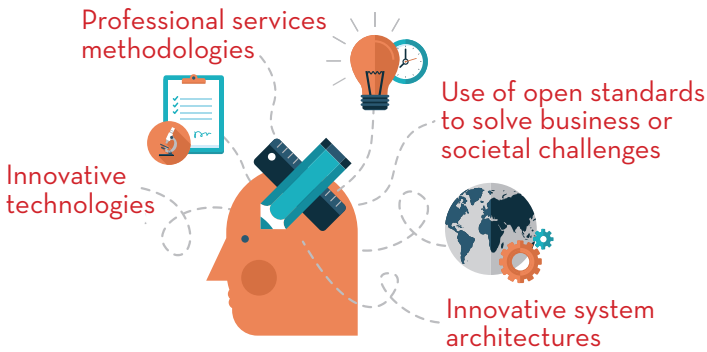# Innovations in Knowledge Organisation Conference

8 - 9 June 2015
e2i Campus, 80 Jurong East, St 21, Singapore 609607
www.ikoconference.org

What is the IKO conference?

IKO was created to showcase innovations in knowledge organisation, whether through the application of innovative methods and technologies, or novel combinations of methods and technologies.

IKO will focus on four key areas:

Professional services methodologies

Use of open standards to solve business or societal challenges

Innovative technologies

Innovative system architectures

Conference topics will cover:

- Autoclassification and text analytics
- Data wrangling, big data and data analytics
- Enterprise content management
- Innovative use of ontologies and structured knowedgebases
- Internet of Things
- Knowledge graphs, graph search and graph databases
- Linked data and semantic web
- Open source search innovations
- Search based applications
- Taskonomies and information organisation to support work
- Taxonomies and information architecture
- Taxonomy-enhanced search
- The role of taxonomy standards in innovative taxonomy solutions

Who are we?

This conference is curated by three international thought leaders and practitioners in knowledge organisation, supported by a distinguished Advisory Board:

Dave Clarke

David is co-founder and CEO of the Synaptica® group of companies, providers of enterprise software solutions for taxonomy and ontology management. David leads R&D at Synaptica, and is currently developing a range of Linked Data software solutions for ontology management, semantic indexing and content annotation.

Patrick Lambe

Patrick is Principal Consultant of Straits Knowledge, and the author of *Organising Knowledge: Taxonomies, Knowledge and Organisation Effectiveness (Oxford 2007)*, one of the leading books in knowledge organisation. He consults, teaches and trains on taxonomy development and knowledge organisation around the world.

Maish Nichani

Maish is the founder of PebbleRoad, an innovative user experience design consultancy that helps organisations turn complex, challenging problems into elegant, innovative designs. He has curated learning events on designing the search experience, building search based applications, using pattern libraries, service design, and usability.

Learn about the technologies.

Who will attend?

IKO Conference 2015 will host more than 100 individuals from government and private sector in Singapore and surrounding countries, and holding positions such as:

- CIOs & CKOs
- Knowledge Managers
- Intranet Managers
- C-Level Executives
- IS/IT Professionals
- Communications Managers
- Information & Knowledge Architects
- Information Professionals
- Scientists, Engineers, & Researchers
- Content Managers
- Competitive Intelligence Professionals
- Business Intelligence Professionals
- Risk Managers

And professionals responsible for:

- Sensemaking
- Knowledge Management
- Business Intelligence
- Content Management
- Human Resources
- Marketing & Sales
- Electronic Commerce
- Supply Chain Management
- Customer Relationship Management
- Competitive Intelligence
- Risk Management
- Organisation Development
- Anyone who wants to run an innovative enterprise!

Programme highlights

Patrick Lambe (author of *Organising Knowledge* and Principal Consultant, Straits Knowledge) — *"The New Frontier in Knowledge Organisation: Integrating technologies, standards and methods to deliver extraordinary results"*

David Clarke (CEO and Head R&D, Synaptica) — *"OASIS: Constructing knowledge bases around high resolution images using ontologies and Linked Data"*

Maish Nichani (author of *Organising Digital Information for Others* and founder of PebbleRoad) —*"Design methodology for a context aware mobile search based application, using diverse data sources"*

Marjorie Hlava (author of The Taxobook and President of Access Innovations, Albuquerque, New Mexico) —*"Using Linked Data and taxonomies to create a quick-start 'smart' thesaurus"*

Mohamad Hafiz B Zolkipli (Manager, Business Process and Information Management, PETRONAS, Malaysia) —*"Leveraging and reusing knowledge by integrating a business process management system with enterprise content management"*

Nor Azlinayati Abdul Manaf (Lead Knowledge Engineer, MIMOS Berhad, Malaysia) — *"Padipedia: building a knowledgebase on paddy production using semantic web technology for MARDI (Malaysia Ministry of Agriculture)"*

Ahren Lehnert (Taxonomy & Search Analyst, FMC Technologies, Houston) — *"Using text mining and analytics to improve the search experience and enterprise taxonomy for an oil and gas products and services company"*

Elisa Erriquez and Jenni Wardell (Linked Data Team, BBC, UK) —*"Leveraging Linked Data to connect content and products across BBC"*

Charlie Hull (Lemur Consulting, UK) — *"Using Open Source Search to Analyse Big Data"*

Agnes Molnar (CEO of Search Explained) — *"Next Generation Share-Point: Office Graph, the technologies it powers, and the opportunities and challenges that follow"*

Mark Glikson (Gumbuya, Singapore) — *"Deploying a Semantic Operating System in a Small Financial Services Company"*

Eric Tsui (Hong Kong Polytechnic University) — *"Lessons learnt from deploying a hybrid folksonomy-taxonomy approach to enhance navigation on a tourism information site in Hong Kong"*

Nor Azlinayati Abdul Manaf (Lead Knowledge Engineer, MIMOS Berhad, Malaysia) — *"KRSTE.my: using Linked Data and semantic search to build a one stop knowledgebase on Science and Technology R&D in Malaysia"*

Haliza Jailani (National Library Board, Singapore) — *"Building knowledgebases using named entity recognition, query expansion and Linked Data, to support enhanced discovery"*

Kia Siang Hock, (National Library Board, Singapore) — *"Enhancing search and discovery across libraries, archives and museums using text,data and audio analytics, using a single OneSearch service"*

Matt Moore (PwC, Sydney) — *"Competencies for knowledge organisation: what does the future hold for information professionals in the knowledge organisation space?"*

Conference Agenda

Experience case-led approach.

Day 1 (8 June 2015)

LEARN

Time	Session	Notes
9:00am	**Welcome Address**	*Welcome to the conference from the Conference Curators.*
9:15am	**Opening Keynote** - Patrick Lambe "The New Frontier in Knowledge Organisation: integrating technologies, standards and methods to deliver extraordinary results"	
10:00am	Tea Break & Networking Session	
10:30am	**Knowledge Organisation Tutorials** in Pecha Kucha format - each topic, 20 slides x 20 seconds each! • Taxonomies Ontologies and Knowledge Graphs — *Patrick Lambe* • Autoclassification and Text Analytics — *Ahren Lehnert* • Linked Data — *Dave Clarke* • Standards for Taxonomies and Linked Data — *Marjorie Hlava* • No SQL and Graph Databases — *Loh Yu Gene* • Open Source Search — *Charlie Hull* • Search Based Applications — *Agnes Molnar* • Internet of Things — *Maish Nichani*	*Get a rapid grounding in the elements of Knowledge Organisation from the experts.*
11:30am	**Panel on Knowledge Organisation** - Q&A	*Explore the topics raised in the Tutorials with our panel experts.*
12:00pm	Lunch	

EXPLORE

Time	Session	Notes
1:00pm	**Case Study Café (1)** - Case Pitches	*Case presenters for our first 8 case studies will give a short pitch introducing their case study to the plenary audience.*
2:00pm	Break out case study table discussions (a) Each case presenter will host in-depth discussion on their case study	*Decide which case study in-depth discussions you want to explore.*
2:20pm	(b) Move to another case study table discussion to explore a second case study of interest to you	*Same as above.*
2:40pm	(c) Move a third case study table discussion to explore a third case of interest to you	*Same as above.*
3:00pm	Tea Break & Networking Session	

REFLECT

Time	Session	Notes
3:30pm	**Knowledge Café** - How could I apply what we have covered, back in my organisation	
4:45pm	Capturing Key Questions for Day 2	*Major questions captured on cards for consideration on Day 2*
5:00pm	**Day 1 Close**	

Day 2 (9 June 2015)

EXPLORE

Time	Session	Notes
9:00am	**Review of Day 1**	*Key themes and questions from Day 1.*
9:20am	**Day 2 Keynote** - TBA	
10:00am	Tea Break & Networking Session	
10:30am	**Case Study Café (2)** - Case pitches	*Case presenters for our second 8 case studies will give a short pitch introducing their case study to the plenary audience.*
11:30am	Break out into case study table discussions (a) Each case presenter will host an in-depth table discussion on their case study	*Decide which case study in-depth discussions you want to explore.*
11:50am	(b) Move to another case study table discussion to explore a second case of interest to you	*Same as above.*
12:10pm	(c) Move to a third case study table disscussion to explore a third case of interest to you	*Same as above.*
12.30pm	LUNCH	

APPLY

Time	Session	Notes
1.30pm	**Knowledge Organisation Clinic (a)** - Framing the issues and opportunities	*Participants will organise themselves into groups around the topic areas and frame their needs.*
1:55pm	**Knowledge Organisation Clinic (b)** - Working with the experts on how to apply Knowledge Organisation methods in your organisation	*Participants will work with expert panelists at tables to explore their own situations and how they could apply knowledge organisation approaches and technologies.*
2:55pm	Tea Break & Networking Session	

REFLECT

Time	Session	Notes
3.25pm	**Debrief** - Facilitated debrief and feedback on the outcomes of the table discussions on the Knowledge Organisation Clinic	*Plenary*
3.55pm	**Panel Discussion** - The Future of Knowledge Organisation	*Exploring where the technologies, methods and standards are likely to go next*
4.45pm	**Conference Summary and Review**	*Close to the conference by the Conference Curators*
5.00pm	**Conference Close**	

IKO

INNOVATIONS IN KNOWLEDGE ORGANISATION

INTERNATIONAL SOCIETY FOR KNOWLEDGE ORGANIZATION

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