

Knowledge Management (KM) Conference 2018



Knowledge Management: Research, Organization, and Applied Innovation

Detailed program

Wednesday – June 20 University of Pisa’s University Center – Ex Convento le Benedettine (adjacent to the Residence Le Benedettine)
/ Lungarno Sidney Sonnino, 19, 56125 Pisa PI, Italy

14.00 - 19.00	REGISTRATION
15.00 - 16.30	WORKSHOP – “Communicating knowledge: Can you shoot it?” / Prof. Nathan White (Central Washington University, USA) / Room: Aula C
16.30 - 17.00	BREAK
17.00 - 17.45	INDUSTRY PANEL – “Motorsport Industries to Generate Applied Innovation” / Riccardo Paterni (Synergy Pathways, Italy), Francesco Sedea (Aviorace, Italy), and Giovanni Delfino (Autotecnica, Italy) / Session chair: Meir Russ / Room: Aula A (Auditorium)
18.00 - 20.00	RECEPTION (Cocktail Party & Hors d'Oeuvres) / Basement - Garden at Polo Le Benedettine

Thursday – June 21 University of Pisa’s Polo Didattico delle Piagge
/ Via Giacomo Matteotti, 11, 56124 Pisa PI, Italy.

08.00 - 16.30	REGISTRATION
08.30 - 09.00	CONFERENCE OPENING / Welcoming Remarks: Prof. Federico Niccolini, KM2018 Co-Chair & OJAKM Associate Editor, University of Pisa, Italy Prof. Meir Russ, KM2018 Co-Chair & OJAKM Editor-in-Chief, University of Wisconsin - Green Bay, USA Prof. Antonio Cisternino, Delegate for Information Technology, University of Pisa, Italy Prof. Silvio Bianchi Martini, Director, Department of Economics and Management, University of Pisa, Italy Prof. Nicola Meccheri, International Relations Coordinator, Department of Economics and Management, University of Pisa, Italy Prof. Nitza Geri, KM Program Co-Chair & OJAKM Associate Editor, The Open University of Israel, Israel Prof. Alex Koohang, IIAKM Executive Editor & Publication Director, Middle Georgia State University, USA Prof. Yair Levy, IIAKM President and Executive Director, KM Program Co-Chair, Nova Southeastern University, FL, USA / Session chair: Yair Levy / Room: Auditorium
09.00 - 10.00	MORNING KEYNOTE – “Knowledge Management, Intellectual Capital, and their Impact on Organizational Performance: Results from an International Benchmarking Study” / Prof. Aino Kianto (Lappeenranta University of Technology, Finland) / Session chair: Carla Curado / Room: Auditorium
10.00 - 10.30	COFFEE BREAK
10.30 - 12.00	PAPER SESSIONS A

A1 - PROSUMERS, CONSUMERS, AND KNOWLEDGE SHARING / Session chair: Joanna Palisziewicz / Room: Auditorium	A2 - CYBERSECURITY AT THE WORKPLACE / Session chair: Bruce Watson / Room: PIA F2	A3 - TEACHING AND LEARNING IN A DIGITAL WORLD / Session chair: Stephen Bronsburg / Room: PIA G2	A4 - USER AND USABILITY ASPECTS OF KM / Session chair: Vered Silber-Varod / Room: PIA I2
Prosumers knowledge sharing to develop and manage products / Ewa Ziemba, Monika Eisenbardt Roisin Mullins, Dariusz Grabara	Modelling knowledge security: Knowledge security as a knowledge management problem / Christopher Shear, Bruce Watson, Martin Van der Walt	Teaching creative computing for developing computational thinking in elementary and secondary schools: Comparing instructivist and constructivist strategies of code and robotics' teachers / Ina Blau, Tamar Shamir-Inbal, Avital Kesler	To err is human - What can be learned from errors? Common errors among novices while modeling business processes / Dizza Beimel, Arava Tsoury, Shirly Bar-Lev
Whom are we buying from? Sellers’ impression management in a C2C creative marketplace / Lina Portnoy, Daphne Raban	Workplace satisfaction: A vital variable for the mitigation of malicious insider cyber threats / Karla Clarke, Yair Levy, Laurie Dringus, Shonda Brown	The consequences of the use of online sources of information and mobile devices in university classes / Przemyslaw Polak	Amelioration of the bibliographical records as a case for knowledge acquisition / Aleksander Wassilew, Monika Komuda
An Investigation of Knowledge Brokering during Service Encounters / Nayel Al Hawamdeh, Raymond Hackney	Cybersecurity workforce technical skills versus soft skills / Angel Hueca, Michelle Ramim, Yair Levy	A welcomed reversal in computer science enrollments – Analysis of contributing factors and recommendations to sustain the growth / Azad Ali, David Smith	Some design aspects of a cognitive user interface / Markus Huber, Werner Meyer, Matthias Wolff, Oliver Jokisch, Kati Nowack

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12.00 - 13.30 **LUNCH**
/ Room: Polo Piagge

13.30 - 15.00 **PAPER SESSIONS B**

B1 - MANAGING CYBERSECURITY

/ Session chair: Ruti Gafni
/ Room: Auditorium

Buyer’s remorse of cyber security
/ Neal Kushwaha, Bruce Watson

Exploring the effects of expertise
and guidelines on small and medium
enterprises (SMEs) cybersecurity
/ Nowwaf Alsubaie, Nathan White

Security policy and data protection
awareness of mobile devices in relation
to employees’ trusting beliefs
/ Alex Koohang, Kevin Floyd, Neil Rigole,
Joanna Paliszkiewicz

**B2 - KM BEYOND ORGANIZATIONAL
BORDERS**

/ Session chair: Michelle Ramim
/ Room: PIA F2

Quality in public administration:
A causal configuration analysis
/ Claudia Melati, Raquel Janissek-Muniz,
Carla Curado

Open government data, the case
of Polish public sector
/ Jędrzej Wieczorkowski,
Ilona Pawełoszek

Antecedents of performance,
learning and innovation in exporting
operations: A conceptual framework
/ Joanna Santiago

**B3 - EFFECTIVE ORGANIZATIONAL
SYSTEMS**

/ Session chair: Christiaan Maasdorp
/ Room: PIA G2

Benefits and areas of ICT use by
Polish small and medium enterprises
/ Celina Solek-Borowska

Developing an evaluation
framework for knowledge
management systems in SMEs
/ Andrew Bratton, Avril Thomson

Improving success with information
technology using an organizational
epistemology
/ Chris Powell

**B4 - HIGHER EDUCATION POLICY, KM,
AND LIFELONG LEARNING**

/ Session chair: Chiara Bartolacci
/ Room: PIA I2

Knowledge management in the
academic environment in Poland –
selected issues
/ Małgorzata Cieciora

Differences in salaries and
employment security between tertiary
education graduates and their
determinants – Evidence from Poland
/ Michał Pietrzak, Piotr Pietrzak

Lifelong learning skills for survival
in the gig economy
/ Nitza Geri

15.00 - 15.30 **COFFEE BREAK (with fruits)**

15.30 - 16.00 **PAPER SESSIONS C**

C1 - TECHNOLOGY AND DIVERSITY

/ Session chair: Ina Blau
/ Room: Auditorium

Women in technology:
Challenges and call for action
/ Michelle Ramim

**C2 - EVALUATING AND SOURCING
KNOWLEDGE**

/ Session chair: Michał Pietrzak
/ Room: PIA F2

The influence of information
production on value creation
/ Yonit Rusho, Daphne Raban

**C3 - EFFECTIVE ORGANIZATIONAL
SYSTEMS (CONT.)**

/ Session chair: Yair Levy
/ Room: PIA G2

Assessing the effectiveness of
IPTEACES e-learning framework
in higher education: Fundação
Dom Cabral - a Brazilian perspective
/ Nuno Pena, Paula Simões,
Lília Mascarenhas, Flávia Alvim

16.00 - 17.00 **AFTERNOON KEYNOTE – “The Digitization of Industry: An Inter-Disciplinary Approach and Critical Review of Research and Media”**
/ Prof. Dara Schniederjans (University of Rhode Island, USA)
/ Session chair: Nitza Geri
/ Room: Auditorium

18.30 - 22.00 **DINNER (with music)**
/ Stazione Leopolda, Piazza Federico Domenico Guerrazzi, 56125 Pisa PI, Italy
Walking distance (~15min - 1.4km or 0.87 mi) from Hotel Repubblica Marinara, Pisa
Walking distance (~15min – 1.4km or 0.87 mi) from Residence Le Benedettine - University of Pisa (Guesthouse)

Friday – June 22 **University of Pisa’s Polo Didattico delle Piagge**
/ Via Giacomo Matteotti, 11, 56124 Pisa PI, Italy.

09.00 - 10.00 **MORNING KEYNOTE – “Re-fabricating a Sustainable Digital Society: Towards Digital Responsibility”**
/ Prof. Jean-Henry Morin (University of Geneva, Switzerland)
/ Session chair: Federico Niccolini
/ Room: Auditorium

10.00 - 10.30 **COFFEE BREAK**

10.30 - 12.00 **PAPER SESSIONS D**

**D1 - GLOBAL AND STRATEGIC
ASPECTS OF KM**

/ Session chair: Nicola Castellano
/ Room: Auditorium

How are successful companies
executing knowledge management?
Best knowledge management practices
in Finnish firms
/ Henri Hussinki, Aino Kianto, Pia Adibe

Activating hybrid knowledge creation
spirals in the logistic sector. Evidences
from an EU Project
/ Federico Niccolini, Marco Giannini,
Sara Scipioni, Beatrice Gaiotto

Women's perceptions of ICTs,
empowerment and success: A
qualitative analysis of seven countries
/ Fatih Çetin, Jeretta Horn Nord,
Joanna Paliszkiewicz,
Magdalena Mađra-Sawicka

D2 - CYBERSECURITY AWARENESS

/ Session chair: Shonda Brown
/ Room: PIA F2

How the dependency on foreign
technology by developing countries
makes it difficult for countries such as
South Africa to be secured
/ Given Shingange, Bruce Watson

Expert assessment of organizational
cybersecurity programs and development
of vignettes to measure cybersecurity
countermeasures awareness
/ Jodi Goode, Yair Levy, Anat Hovav,
James Smith

Validation of a vignettes-based,
hands-on cybersecurity threats
situational assessment tool
/ Melissa Carlton, Yair Levy

**D3 -ENTREPRENEURSHIP AND
INNOVATION**

/ Session chair: Przemysław Polak
/ Room: PIA G2

Knowledge generation model
based on gamification principles, from
the perspective of software processes
/ Jose Luis Jurado, Ivan Cabezas

Determinants of propensity to
establish academic innovative
start-ups
/ Michał Borowy

To be or not to be an entrepreneur?
Entrepreneurial tendencies among
students specializing in information
systems
/ Shirly Bar-Lev, Dizza Beimel,
Amit Rechavi

**D4 - KM FUTURE APPLICATIONS
AND TECHNOLOGY**

/ Session chair: Oliver Jokisch
/ Room: PIA I2

The future Chief Knowledge Officers:
give space for free knowledge sharing
/ Jan Velencei

Digitalization and knowledge
transfer – Necessary disruption?
/ Tobias Dewes

Is human-human spoken interaction
manageable? The emergence of the
concept ‘Conversation Intelligence’
/ Vered Silber-Varod

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12.00 - 13.30 LUNCH
/ Room: Polo Piagge

13.30 - 15.00 PAPER SESSIONS E

E1 - KNOWLEDGE CREATION, DISCOVERY,
AND SHARING MECHANISMS
/ Session chair: Jose Luis Guerrero Cusumano
/ Room: Auditorium

Evaluation of classifiers on imbalanced
data: implications for practical use
/ Mathias Walther, Oliver Jokisch,
Christian Hackel

Feedback and survival on community
question and answer sites: The case of
Stack Exchange
/ Benny Bornfeld, Sheizaf Rafaeli

Knowledge donation and knowledge
collection patterns in a free software
community
/ Andrea R. Balle, Carla Curado,
Mírian Oliveira

E2 - E-LEARNING AND GAMIFICATION
/ Session chair: Daphne Raban
/ Room: PIA F2

Which digital literacy skills of elementary
school students can be promoted by one-
to-one computing with Chromebooks?
/ Tamar Shamir-Inbal, Ina Blau,
Tamar Rozmarin

Creating gameful experience in the
object-oriented programming classroom:
A case study
/ Mathupayas Thongmak

The effects of gamification elements in
e-learning platforms
/ Ruti Gafni, Dafni Biran Achituv,
Shimon Eidelman, Tomer Chatsky

E3 - MODELING KM SYSTEMS
/ Session chair: Celina Sołek-Borowska
/ Room: PIA G2

A model for processing collective
knowledge about business organization
in the integrated management
information system
/ Marcin Hernes, Ngoc-Thanh Nguyen

Proposal of evaluation criteria for
editors of ontologies created to represent
knowledge in information systems
/ Helena Dudycz

Knowledge management strategy:
necessary and/or sufficient contingencies
for personalization and codification
strategies
/ Christiaan Maasdorp

E4 - KM IN HIGHER EDUCATION
/ Session chair: Nathan White
/ Room: PIA I2

Developing program objectives in
data analytic field of study using three
frameworks
/ Azad Ali, David Smith

Process improvement in a graduate
practicum to create a favorable learning
environment for knowledge transfer
/ Stephen Bronsburg

15.00 - 15.30 COFFEE BREAK (with fruits)

15.30 - 16.30 AFTERNOON PANEL – “Theoretical Support for Knowledge Management and Information Systems Research”
/ Prof. Carla Curado (ISEG - University of Lisbon, Portugal), Prof. José-Luís Guerrero-Cusumano (Georgetown University School of Business, USA),
and Prof. Mírian Oliveira (Pontifical Catholic University of Rio Grande do Sul, Brazil)
/ Session chair: Meir Russ
/ Room: Auditorium

16.30 - 17.30 AWARD CEREMONY
KM2019 - Warsaw University of Life Sciences (WULS), Warsaw, Poland
/ Prof. Joanna Paliszkievicz and Prof. Michał Pietrzak, Warsaw University of Life Sciences (WULS), Warsaw, Poland
/ Session chair: Alex Koohang
/ Room: Auditorium

19.00 - 22.00 DINNER (with music)
/ Grand Hotel Duomo - Terrazza Panoramica
Walking distance (~ 13min – 1km or 0.62mi) from/to Residence Le Benedettine - University of Pisa (Guesthouse)
Transportation is provided from Hotel Repubblica Marinara, Pisa on 18:45 and at 19:15 (sharp!)
Transportation is provided back to Hotel Repubblica Marinara, Pisa on 22:00 and 22:30

Saturday – June 23

Social Event - Guided tour of the old city and access to the magnificent monuments of Pisa
The Leaning Tower, the Cathedral, and the Baptistery + bus tour to magical heart of Tuscany + lunch + guided tour of San Gimignano
(For confirmed attendees only)
/ See more via: <http://iiakm.org/conference/KM2018/social.php>

08.00 Starting Point (Ensure to be on time! The group can't wait!!!)
/ Entrance to the Polo Didattico delle Piagge, Via Giacomo Matteotti, 11, 56124 Pisa PI, Italy

18.30 Expected drop-off (It depends on traffic)
/ Hotel Repubblica Marinara - Pisa
/ Near Residence Le Benedettine - University of Pisa (Guesthouse)

Please bring comfortable walking shoes, hat, sunscreen, good mood, and a big smile!

Contacts

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<http://www.iiakm.org/conference/>