

DAY 1		Wednesday, August 24th, 2016		CNTI Building
08:00-9:15	Registration	<i>Ground Floor Hallway</i>		
09:00-09:30	ISD2016 Conference Opening	<i>Auditorium, 5th Floor</i>		
09:30-10:30	Keynote Address 1 Claudia Loebbecke: Human Brain meets Artificial Intelligence Session chair: Jerzy Goluchowski , Poland	<i>Auditorium, 5th Floor</i>		
10:30-11:00	Coffee Break	<i>Hallway & Balcony, 5th Floor</i>		
11:00-12:30	Session A1.1 T2-Dev: IS Development Session chair: Emilio Insfran , Spain <i>Auditorium 5th Floor</i>	Session B1.1 T1-IS: IS Methodologies & Modeling Session chair: Jaroslav Beksa , Australia <i>Room 3/15 3rd Floor</i>	Session C1.1 T4-Con: Context-awareness in ISD Session chair: Anna Soltysik-Piorunkiewicz , Poland <i>Room 5/15 5th Floor</i>	
12:30-14:00	Lunch Break	<i>Hallway & Balcony, 5th Floor</i>		
14:00-16:00	Session A1.2 T7-GRN, T8-Gen: General Session chair: Christoph Schneider , Hong Kong <i>Auditorium 5th Floor</i>	Session B1.2 T5-Cog: Cognitive Science Session chair: Tom Hänel , Germany <i>Room 3/15 3rd Floor</i>	Session C1.2 T6-CSS: Creativity Support Systems Session chair: Lucie Houdova , Czech Republic <i>Room 5/15 5th Floor</i>	
16:15-17:30	Film Music Concert	<i>Auditorium, 5th Floor</i>		
17:30-19:00	Welcome Ceremony	<i>Hallway & Balcony, 5th Floor</i>		

DAY 2 Thursday, August 25th, 2016 CNTI Building

08:00-09:00	Registration			<i>Ground Floor Hallway</i>
09:00-09:30	Data Dimension Video Session			<i>Auditorium, 5th Floor</i>
	Keynote Address 2 Marcin Grzegorzek: Medical Data Understanding Session chair: Małgorzata Pańkowska , Poland			
10:30-11:00	Coffee Break <i>Hallway & Balcony, 5th Floor</i>			
11:00-12:30	Session A2.1 T3-Edu: ISD Education Session chair: Michael Lang , Ireland <i>Auditorium 5th Floor</i>	Session B2.1 T1-IS: IS Methodologies & Modeling Session chair: Václav Řepa , Czech Republik <i>Room 3/15 3rd Floor</i>	Session C2.1 T5-Cog: Cognitive Science Session chair: Mariusz Żytniewski , Poland <i>Room 5/15 5th Floor</i>	
12:30-13:30	Lunch Break			<i>Hallway & Balcony, 5th Floor</i>
	Committees' Meeting			<i>Room 2/19, Ground Floor</i>
13:30-15:30	Session A2.2 T2-Dev: IS Development Session chair: Salvador Otón-Tortosa , Spain <i>Auditorium 5th Floor</i>	Session B2.2 T6-CSS: Creativity Support Systems Session chair: Nearchos Paspallis , Cyprus <i>Room 3/15 3rd Floor</i>	Session C2.2 T5-Cog: Cognitive Science Session chair: Artur Strzelecki , Poland <i>Room 5/15 5th Floor</i>	
19:00-23:00	Gala Dinner			<i>Trip to Rezydencja Luxury Hotel</i> Buses at CNTI Building & Novotel

DAY 3 Friday, August 26th, 2016

CNTI Building

08:30-09:30	Registration	<i>Ground Floor Hallway</i>	
09:30-11:30	Session A3.1 T1-IS: IS Methodologies & Modeling Session chair: Marite Kirikova, Latvia <i>Auditorium,</i> <i>5th Floor</i>	Session B3.1 T2-Dev: IS Development Session chair: Chris Barry, Ireland <i>Room 3/15</i> <i>3rd Floor</i>	Session C3.1 T6-CSS: Creativity Support Systems Session chair: Joanna Palonka, Poland <i>Room 5/15</i> <i>5th Floor</i>
11:30-12:00	Coffee Break	<i>Hallway & Balcony, 5th Floor</i>	
12:00-14:00	25th ISD Panel ISD2017 Presentation ISD2016 Closing	<i>Auditorium, 5th Floor</i>	
14:00-15:00	Lunch Break	<i>Hallway & Balcony, 5th Floor</i>	
15:30-19:00	Silesian Museum & Guided Tour around Katowice	<i>CNTI Entrance</i>	

CONFERENCE TIMETABLE - DAY 1

DAY 1	Wednesday, August 24th, 2016	CNTI Building
08:00-09:15	Registration	<i>Ground Floor Hallway</i>
09:15-09:30	ISD2016 Conference Opening	<i>Auditorium, 5th Floor</i>
09:30-10:30	Keynote Address 1 Claudia Loebbecke: Human Brain meets Artificial Intelligence Session chair: Jerzy Gofuchowski, Poland	
10:30-11:00	Coffee Break	<i>Hallway & Balcony, 5th Floor</i>
	Session A1.1	<i>Auditorium, 5th Floor</i>
11:00-12:30	T2-Dev: IS Development Session chair: Emilio Insfran, Spain	
11:00-11:30	Carlos Torrecilla-Salinas, Jorge Sedeño, M.J. Escalona, Manuel Mejías: An Agile approach to CMMI-DEV levels 4 and 5 in Web development projects	
11:30-12:00	Karlheinz Kautz, Rodney Clarke, Chris Savage: A Conceptual Investigation of Maintenance Deferral and Implementation: Foundation for a Maintenance Life Cycle Model	
12:00-12:30	Mateusz Szołtysik: Processes of creating infographics for data visualization	
	Session B1.1	<i>Room 3/15, 3rd Floor</i>
11:00-12:30	T1-IS: IS Methodologies & Modeling Session chair: Jaroslaw Beksa, Australia	
11:00-11:30	Juhani Iivari: Endogenously Emergent Information Systems	
11:30-12:00	Václav Řepa: Technical Consequences of the Nature of Business Processes	
12:00-12:30	Maria Fernanda Granda, Tanja E. J. Vos, Oscar Pastor, Nelly Condori-Fernandez: A Model-level Mutation Tool to Support the Assessment of the Test Cases Quality	

DAY 1		Wednesday, August 24th, 2016	CNTI Building
		<i>Session C1.1</i>	<i>Room 5/15, 5th Floor</i>
11:00-12:30	T4-Con: Context-awareness in ISD		
Session chair: Anna Sołtysik-Piorunkiewicz, Poland			
11:00-11:30	Sundar Gopalakrishnan, Guttorm Sindre: Activity diagrams with location context: Experimental comparison of colour and icon annotations		
11:30-12:00	Nearchos Paspallis, Marios Raspopoulos: An Open Platform for Studying and Testing Context-Aware Indoor Positioning Algorithms		
12:00-12:30	Sinead O'Neill-Somers, Laurence Stapleton: The Complex Context of E-Agricultural Deployment A Preliminary Study in South-East Ireland of farming families		
12:30-14:00	Lunch Break	Hallway & Balcony, 5 th Floor	
		<i>Session A1.2</i>	<i>Auditorium, 5th Floor</i>
14:00-16:00	T7-GRN, T8-Gen: General		
Session chair: Christoph Schneider, Hong Kong			
14:00-14:30	Chris Barry Mairéad Hogan, Ann Torres: How Passengers of Low Cost Carriers Feel the Pressure: Pricing Tactics and Other Stories		
14:30-15:00	Saad Abdullah Alsunbul, Phu Dung Le, Jan Newmarch, Jefferson Tan: A Dynamic Security Model for Addressing Hacking Risk Factors		
15:00-15:30	Pakvalit Kurkoon, Daranee Pimchangthong, Veera Boonjing: Environmental Awareness in Information Technology Adoption and Consumer Intention to Support Green Businesses: Research Agenda for Empirical Study		
		<i>Session B1.2</i>	<i>Room 3/15, 3rd Floor</i>
14:00-16:00	T5-Cog: Cognitive Science		
Session chair: Tom Hänel, Germany			
14:00-14:30	Olaperi Yeside Sowunmi, Sanjay Misra, Luis Fernandez-Sanz, Jose Amelio Medina-Merodio: Framework for Academic Advice through Mobile Applications		
14:30-15:00	Ahmad Hussein Ababneh, Joan Lu, Qiang Xu: Arabic Information Retrieval: Relevancy Assessment Survey		
15:00-15:30	Ding Min-jie, Zhang Shao-zhong, William Wei Song: A Combined Prediction Model of Container Volume Based on Residual Correction		
15.30-16.00	Tom Hänel, Carsten Felden Applying Operational Business Intelligence in Production Environments		

DAY 1		Wednesday, August 24th, 2016	CNTI Building
	Session C1.2		<i>Room 5/15, 5th Floor</i>
14:00-16:00	T6-CSS: Creativity Support Systems		
	Session chair: Lucie Houdova, Czech Republic		
14:00-14:30	Lucie Houdová, Miloš Fetter Oldřich Balák, Jiří Fatka, Ondřej Průcha, Pavel Jindra Daniel Georgiev: Challenges of Clinical Decision Support System Development		
14:30-15:00	Osama Sohaib, Kyeong Kang: Assessing Web Content Accessibility of E-Commerce Website for People with Disabilities		
15:00-15:30	Wiesław Wolny: Emotion Analysis of Twitter Data that Use Emoticons and Emojis Ideograms		
15.30-16:00	Muhammad Binsawad, Igor Hawryszkiewicz, Kyeong Kang: The Influence of Knowledge Sharing Process on Technology Business Incubator Performance in Saudi Arabia		
16:15-17:30	Film Music Concert		<i>Auditorium, 5th Floor</i>
17:30-19:00	Welcome Ceremony		<i>Hallway & Balcony, 5th Floor</i>

CONFERENCE TIMETABLE - DAY 2

DAY 2		Thursday, August 25th, 2016	CNTI Building
08:00-09:00	Registration		<i>Ground Floor Hallway</i>
09:00-10:30	Dimension Data Video Session		<i>Auditorium, 5th Floor</i>
	Keynote Address 2		
	Marcin Grzegorzek: Medical Data Understanding		
	Session chair: Małgorzata Pańkowska, Poland		
10:30-11:00	Coffee Break		<i>Hallway & Balcony, 5th Floor</i>
11:00-12:30	Session A2.1		<i>Auditorium, 5th Floor</i>
	T3-Edu: ISD Education		
	Session chair: Michael Lang, Ireland		
11:00-11:30	Abdullah Alammari, Daniel Chandran: Knowledge Management and its Impact on Knowledge Sharing Adoption in e-Learning Communities in Saudi Universities		
11:30-12:00	Anete Sausina, Marite Kirikova, Jens Myrup Pedersen, Peteris Rudzajs: Variability Handling in Educational Context		
12:00-12:30	Mariia Rizun: Application of Information Technologies in Knowledge Management: Virtual Educational Platform Development		

DAY 2Thursday, August 25th, 2016

CNTI Building

Session B2.1

Room 3/15, 3rd Floor**11:00-12:30****T1-IS: IS Methodologies & Modeling**

Session chair: Václav Řepa, Czech Republik

11:00-11:30

Jose-Maria Gutierrez-Martinez, Ana Castillo-Martinez, Jose-Amelio Medina-Merodio, Alberto Gutierrez-Escolar, Zlatko Stacic, Jose-Manuel Medrano-Martinez, Jose Manuel Gomez-Pulido, Jose-Javier Martinez-Herraiz:

Estimation of Energy Consumption in Street Lighting using Mobile Devices

11:30-12:00

Ana Castillo-Martinez, Alberto Gutierrez-Escolar, Jose-Maria Gutierrez-Martinez, Jose-Amelio Medina Merodio, Jose Manuel Gomez-Pulido, Francisco J. Cobo, Jose-Javier Martinez-Herraiz:

Maintenance of street lighting systems using mobile phones

12:00-12:30

Nayeth Solorzano Alcivar, Louis Sanzogni, Luke Houghton

A Pluralistic methodology for a refined selection of drivers influencing information system adoption in public organizations: the case for Ecuador

Session C2.1

Room 5/15, 5th Floor**11:00-12:30****T5-Cog: Cognitive Science**

Session chair: Mariusz Żytniewski, Poland

11:00-11:30

Joaquin Gayoso-Cabada, Daniel Rodriguez-Cerezo, Jose-Luis Sierra-Rodriguez:

Browsing Digital Collections with Reconfigurable Faceted Thesauri

11:30-12:00

William Song, Chenlu Lin, Anders Forsman, Anders Avdic, Leif Åkerblom:

Collaborative Filtering with Data Classification: A Combined Approach to Hotel Recommendation Systems

12:00-12:30

Lamogha Ighoroje, Joan Lu, Qiang Xu:

Hybrid classification system design using a decision learning approach and three layered structure - A Meta learning paradigm in Data Mining

12:30-13:30

Lunch BreakHallway&Balcony5th Floor**Committees' Meeting**

Room 2/19, Ground Floor

DAY 2Thursday, August 25th, 2016

CNTI Building

Session A2.2

Auditorium, 5th Floor**13:30-15:30 T2-Dev: IS Development**

Session chair: Salvador Otón-Tortosa, Spain

- 13:30-14:00 Karlheinz Kautz, Thomas Heide Johansen, Andreas Uldahl:
The Perceived Impact of the Agile Development and Project Management Method Scrum on Process Transparency in Information Systems Development
- 14:00-14:30 Muhammad Awais Bajwa, Asif Gill:
Enterprise IT Governance: Back to Basics
- 14:30-15:00 Ahmed AlHarbi, Ciara Heavin, Fergal Carton:
Understanding the Characteristics of IT Capability in Delivering a Customer-Focused Strategy: The case of Saudi Bank
- 15:00-15:30 Gurvirender Tejay, Abdul Rahim Charif:
Designing Secure Information Systems: A Context Based Approach

Session B2.2

Room 3/15, 3rd Floor

13:30-15:30 T6-CSS: Creativity Support Systems

Session chair: Nearchos Paspallis, Cyprus

- 13:30-14:00 Fouad JF Shat, Pamela Abbott:
The Main Factors Affecting E-Voting Service Implementation: The Case of Palestine
- 14:00-14:30 Chiraz Trabelsi, Gabriella Pasi:
Mining Users' Rating Profile for Movie Rating Recommendation
- 14:30-15:00 Swathi Christina Rocque, Mohit Julius Rocque, Marite Kirikova:
Exploring the Process of Selecting an Inventory Forecasting in Cloud Computing Application for a SME
- 15:00-15:30 Antoni Niederliński:
Data Marks for Uncertainty Management in Expert System Knowledge Bases

DAY 2Thursday, August 25th, 2016

CNTI Building

	Session C2.2	Room 5/15, 5th Floor
13:30-15:30	T5-Cog: Cognitive Science Session chair: Artur Strzelecki, Poland	
13:30-14:00	Mohammed Ghriga, Richard Shang, Rshana Shurriah: Tracking Community Development from Social Media	
14:00-14:30	Mariusz Żytniewski: Gossip and ostracism in modelling automorphosis of multi-agent systems	
14:30-15:00	Diana Trandabat, Oana-Maria Gagea: A new perspective on reusing semantic resources	
15:00-15:30	Mamoun Ghaleb Awad, Joan Lu, Ibrahim Mohammed Dweib: An Investigation into Ontology-Based Enhancement of Search Technologies for E-Government: Literature Review	
19:00-23:00	Gala Dinner	<i>Trip to Rezydencja Luxury Hotel</i> Buses at CNTI Building and Novotel Hotel

CONFERENCE TIMETABLE - DAY 3**DAY 3**Friday, August 26th, 2016

CNTI Building

08:30-09:30	Registration	<i>Ground Floor Hallway</i>
	Session A3.1	<i>Auditorium, 5th Floor</i>
09:30-11:30	T1-IS: IS Methodologies & Modeling Session chair: Marite Kirikova, Latvia	
09:30-10:00	Miguel Zuñiga Prieto, Emilio Insfran, Silvia Abrahao, Carlos Cano Genoves: Incremental Integration of Microservices in Cloud Applications	
10:00-10:30	Mark Lycett Alaa Marshan: Capturing Sensemaking Pattern during Data Analysis: A Conceptual Framework	
10:30-11:00	Jaroslaw Beksa, Alexandra Garkavenko, Sonia Fizek, Shahper Vodanovich, Phil Carter: Adapting Videogame Interfaces for The Visually Impaired: A Case Study of Audio Game Hub	
11:00-11:30	Agnieszka Szopa, Artur Machura: Model of an IT-Business Alignment Implementation in the Economic Practice	

DAY 3		Friday, August 26 th , 2016	CNTI Building
		Session B3.1	Room 3/15, 3 rd Floor
09:30-11:30	T2-Dev: IS Development		
Session chair: Chris Barry, Ireland			
09:30-10:00	Jose-Amelio Medina-Merodio, Ana Castillo-Martinez, Jose-Maria Gutierrez-Martinez, Santiago Lozano-Lopez, Carmen De-Pablos-Heredero: Optimizing Lighting in the Workplace and Occupational Risk Prevention through Mobile Applications		
10:00-10:30	Rafael Almeida, Pedro Linares Pinto, Miguel Mira Da Silva: Using COBIT PAM, TIPA for ITIL and ArchiMate to Analyse the impact of ITIL and COBIT implementations on each other's Processes Performance		
10:30-11:00	Thiago Silva, Marco Winckler , Pedro Valente, Nuno Nunes: The Goals Approach: Agile Enterprise Driven Software Development		
11:00-11:30	Małgorzata Pańkowska: Enterprise Architecture Context Analysis Proposal		
		Session C3.1	Room 5/15, 5 th Floor
09:30-11:30	T6-CSS: Creativity Support Systems		
Session chair: Anna Kempa, Poland			
09:30-10:00	Khanh Nguyen, Rajiv Khosla, Mei-Tai Chu: Socially Assistive Robot Enabled Personalised Care for People with Dementia in Australian Private Homes		
10:00-10:30	Deqiang Zou, Guopeng Yu: How Referral Rewards Systems Shape What Tourists Share on Social Media		
10:30-11:00	Cristian Timbi-Sisalima, Carlos Iván Martín Amor, Salvador Otón-Tortosa, José R. Hilera González: Comparative Analysis of Online Web Accessibility Evaluation Tools		
11:30-12:00	Coffee Break	<i>Hallway & Balcony, 5th Floor</i>	
12:00-14:00	25th ISD Panel	<i>Auditorium, 5th Floor</i>	
ISD2017 Presentation			
ISD2016 Closing			
14:00-15:00	Lunch Break	<i>Hallway & Balcony, 5th Floor</i>	
15:30-19:00	Silesian Museum & Guided Tour Around Katowice		<i>CNTI Entrance</i>

