12th IADIS International Conference on Information Systems  
(IS 2019)  

FINAL CONFERENCE PROGRAM  

Location: HU University of Applied Sciences - Heidelberglaan 15, 3584 CS, Utrecht  
Building: HL 15 (Heidelberglaan 15)  

How to find the room number of the sessions:  
HL 15-0.055 – HL 15 (Building Identification - Heidelberglaan 15)- 0. (Floor) 055 (Room number)  

Thursday 11th, April 2019  

08:15-19:15 Welcome Desk - (room - HL 15-4.083)  

09:30-10:00 Session O – Opening Session  
(Room: HL 15-0.055)  

OPENING SESSION  

10:00-11:00 Session KL1 – Keynote Presentation  
(Room: HL 15-0.055)  

INFORMATION TECHNOLOGY ON THE WORK FLOOR: ADVANCES AND CHALLENGES  
By Professor Hajo Reijers, Department of Information and Computing Sciences of Utrecht University (UU), The Netherlands  

11:00-11:30 Coffee Break  

11:30-13:00 Session FP 11.1  
Design and Development Methodologies and Frameworks  
(Room: HL 15-4.020)  

Chair: Miguel Baptista Nunes  

METHODOLOGICAL FOUNDATIONS OF MHEALTH DESIGN STUDIES: A CONTENT ANALYSIS OF LITERATURE (F168)  
Ahmet Faruk Acar and Sevgi Özkan Yıldırım  
THE PREDICTING SUCCESS FACTORS OF MOBILE APPLICATIONS DEVELOPMENT: ORGANIZATIONAL PERSPECTIVES (F167)  
Chinedu Wilfred Okonkwo and Magda Huisman  
A COMPANY'S LONG-TERM INNOVATION CAPACITY WHEN INTRODUCING ENTERPRISE SOFTWARE: SOCIOLOGICAL ASSESSMENT OF HYBRID CLOUD-PLATFORMS (F054)  
Marek Holze  

13:00 – 14:15 Lunch Break  

14:15-16:15 Session FP 11.2  
IS Learning and Teaching  
(Room: HL 15-4.020)  

Chair: Hisaki Goto  

SPAGHETTI VS. MODULAR CODE – THE CHOICE OF NOVICE PROGRAMMERS (F073)  
Ilana Lavy and Rami Rashkovits  
DATA MODEL DESIGN - THE CASE OF THREESOME (F092)  
Rami Rashkovits and Ilana Lavy  
RESEARCH-ORIENTED PRACTICAL PROBLEM SOLVING AS A LEARNING GOAL FOR THESIS COURSES (F150)  
Ilija Bider and Paul Johannesson  
THE ACCEPTANCE OF COMPULSORY USE OF IPAD MINI: “ORIGINAL” UTAUT PERSPECTIVE (F017)  
Samisaji Sarrosa  

16:15-16:45 Coffee Break
Session FS P 11.3
IS in Practice, Technology Infrastructures and Organisational Processes
(Room: HL 15-4.020)
Chair: Philip Powell

BUILDING A REFERENCE ARCHITECTURE FOR VIRTUAL RESEARCH ENVIRONMENTS (F047)
Keith G Jeffery, Carlo Meghini, Cesare Concordia and Francesco Furfari

THE ADOPTION OF M-COMMERCE APPLICATIONS: RURAL DWELLERS’ PERSPECTIVES (F175)
Chinedu Wilfred Okonkwo, Estelle Taylor and Magda Huisman

ONLINE BRAND COMMUNITIES IN SOCIAL COMMERCE: IDENTIFYING FACTORS AFFECTING CUSTOMER ENGAGEMENT (F077)
Pelin Bayraktar and Sevgi Özkan Yıldırım

TOWARDS AN INTEGRATED PLATFORM FOR DECISION SUPPORT IN WATER UTILITY MANAGEMENT (S214)
Cédric Grueau, André Antunes, Bruno Ferreira, Miguel Gonçalves, João Gomes and Nelson Carriço

SUCCESS PATTERNS FOR THE DIGITAL TRANSFORMATION OF B2B COMMERCE (S051)
Matthias Lederer and Jan-Gerd Bruns

Session FS P 12.1
IS Professional Issues
(Room: HL 15-4.020)
Chair: Samiaji Sarosa

CO-CREATING AN ICT ARTEFACT WITH WOMEN IN SOUTH AFRICA (F083)
Ronel Smith, Marita Turpin and Marlien Herselman

THE ROLE OF E-LEADERSHIP IN RELATION TO IT CAPABILITIES AND DIGITAL TRANSFORMATION (F055)
Pascal Ravesteijn and Guido Ongena

REFLECTIONS ON SOCIAL MEDIA USE ALONG THE ACADEMIC RESEARCH LIFE CYCLE (S095)
Anand Sheombar

A SYSTEMATIC REVIEW ON SMART CITY SERVICES AND IOT-BASED TECHNOLOGIES (S125)
Firat Bestepe and Seyfi Özkan Yıldırım

THE IMPACT OF SECURITY AND CUSTOMIZATION ON CONTINUANCE INTENTION OF M-BANKING (S024)
Mousa Aibashravii

11:00-11:30 Coffee Break

11:30-13:00 Session FSP 12.2
Knowledge Management // Innovation and IS
(Room: HL 15-4.020)
Chair: Ilia Bider

APPLYING DATA MINING AND DATA VISUALIZATION WITHIN THE SCOPE OF AUDIO DATA USING SPOTIFY (F101)
Mariska Apostolova Trpkovska, Arbessa Kajtazi, Lejla Abazi Bexheti and Arbana Kadriu

INNOVATION AND KNOWLEDGE MANAGEMENT IN PRECISION FARMING (S046)
Natalia Bakhtadze, Evgeny Maximov, Danila Domchan, Lamara Kozlovskaya and Natalia Maximova

THE INFLUENCE OF BLOGGERS ON CONSUMER PURCHASE (S135)
Zehra Serman and Julian Sims

ESCALATION OF COMMITMENT IN NPD AND COST SAVING IT PROJECTS (S211)
Mark van der Pas and Niels van der Pas
11:30-13:10 Session FSP 12.3
IS and SMEs // Business Process Change
(Room: HL 15-5.078)
Chair: Miguel Baptista Nunes

VALIDATING THE FIRM TECHNOLOGY ADOPTION MODEL (F-TAM) (F093)
Joshua Kofi Doe, Rogier Van de Wetering, Ben Horvenenga and Johan Versendaal

RELATION BETWEEN BUSINESS PROCESS MANAGEMENT MATURITY AND INNOVATION IN THE FINANCIAL SECTOR (F060)
Harmen Gerrit (Harold) van de Kamp, Kobus Smit and Pascal Ravesteijn

ICT ADOPTION IN SMES: DETERMINANTS, LEVELS, AND INFLUENCE ON THE ORGANIZATIONAL INNOVATIVENESS (S196)
Büşra Alma Çalli, Erman Coşkun and Mehtap Özşahin

CONCEPTUAL DESIGN OF A TOOL SUPPORTING THE “LAST MILE” LOGISTICS IN HOSPITALS (S119)
Davide Aloini, Elisabetta Benevento and Alessandro Stefanini

11:30-12:00 Posters Session
(Room: HL 15-5.094)
Chair: Inmaculada Arnedillo Sánchez

TOWARDS AN IMPLEMENTATION OF BLOCKCHAIN-BASED TRANSCRIPTS WITH NOSQL DATABASES (P091)
Timothy Arndt

HOW EFFECTIVE IS THE STUDENT RESPONSE SYSTEM (SRS) IN FACILITATING STUDENT’S LEARNING (P113)
Yau Sui Yu and Wong Suet Lai

CLOUDCLASSROOM (CCR), FOR THE NEXT GENERATION (P095)
Chan-Yen Chang

NOTE-SUBMISSION FUNCTION FOR MOODLE QUIZ ANDCollecting PEN-STROKE DATA (P121)
Yassuyuki Nakamura and Takahiro Nakahara

CONFIDENCE INFORMATION SETS (P065)
Manish Aggarwal and Mudasu Hanmandlu

13:00 – 14:15 Lunch Break

14:15-15:15 Session FP 12.4
New and alternative approaches to IS research
(Room: HL 15-4.020)
Chair: Ilana Lavy

SCIENTOMETRICS-BASED STUDY OF COMPUTER SCIENCE AND INFORMATION SYSTEMS RESEARCH COMMUNITY MACRO LEVEL PROFILES (F208)
Erman Coşkun, Güzin Özdağoğlu, Muhammet Damar and Büşra Alma Çalli

REGRESSION ANALYSIS OF NATIONAL ELECTIONS IN JAPAN USING SOCIAL LISTENING (F072)
Hisaki Goto and Yukiko Goto

14:15-15:05 Session FSP 12.5
Information Management
(Room: HL 15-5.078)
Chair: Julian Sims

STRATEGIES TO IMPROVE QUALITY OF DATA DISSEMINATION WEBSITE: A CASE STUDY OF THE CENTRAL BUREAU OF STATISTICS (F217)
Betty Purwandari, Infaz Rizki Adawati, Puspia Indahasti Sandhyadhita and Lis Solichah

TOWARDS THE CASE FOR INTRODUCING ENTERPRISE RESOURCE PLANNING AT NATIONAL OIL CORPORATION (NOC) OF LIBYA: A CASE STUDY (S069)
Naser Aniba, Jawed Siddiqi and Mohamed Elmosbahy

15:30 – Conference Tour and Dinner
Saturday 13th, April 2019

08:20-13:15 Welcome Desk - (room - HL 15-4.083)

09:15-11:00 Session FRP 13.1
IS in Practice, Technology Infrastructures and Organisational Processes
(Room: HL 15-4.020)
Chair: Philip Powell

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11:00-11:30 Coffee Break

11:30-13:05 Session FSP 13.2
IS Design, Development and Management Issues and Methodologies // Agile Methodologies
(Room: HL 15-4.020)
Chair: Wallayaporn Techakriengkrai

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13:05 Best Paper Awards Ceremony and Closing Session
(Room: HL 15-4.020)

CLOSING SESSION