Contents

ASDENCA/BUMDISE 2016 – Capability-Based Development Methods

Selection and Evolutionary Development of Software-Service Bundles:
A Capability Based Method .................................................. 3
  Jánis Grabis and Kurt Sandkuhl

LightCDD: A Lightweight Capability-Driven Development Method
for Start-Ups ................................................................. 15
  Hasan Koç, Marcela Ruiz, and Sergio España

ASDENCA/BUMDISE 2016 – Integration of Capability with Goals
and Context

Comparison of Tool Support for Goal Modelling in Capability Management . . . 29
  Claas Fastnacht, Hasan Koç, Dimitrijs Nesterenko, and Kurt Sandkuhl

Extending Capabilities with Context Awareness ............................... 40
  Martin Henkel, Christina Stratigaki, Janis Stirna, Pericles Loucopoulos,
  Yannis Zorgios, and Antonis Migiakis

Design of Capability Delivery Adjustments ..................................... 52
  Jánis Grabis and Jánis Kampars

ASDENCA/BUMDISE 2016 – Business Modeling

The Fast Fashion Business Model ............................................ 65
  Gianni Lorenzoni

Cycles of Organizational Renewal: The Interplay of Strategy
and Innovation at Bang & Olufsen ............................................ 72
  Giacomo Cattaneo and Fredrik Hacklin

Information Systems for Innovation: A Comparative Analysis of Maturity
Models’ Characteristics ........................................................ 78
  Abdelkader Achi, Camille Salinesi, and Gianluigi Viscusi

COGNISE 2016

Learning from Errors as a Pedagogic Approach for Reaching a Higher
Conceptual Level in Database Modeling .................................... 93
  Adi Katz and Ronit Shmallo
‘Mathematical’ Does Not Mean ‘Boring’: Integrating Software Assignments to Enhance Learning of Logico-Mathematical Concepts. Anna Zamansky and Yoni Zohar

User Involvement in Applications of the PoN. Dirk van der Linden and Irit Hadar

A Visual Logical Language for System Modelling in Combinatorial Test Design. Maria Spichkova, Anna Zamansky, and Eitan Farchi

Peel the Onion: Use of Collaborative and Gamified Tools to Enhance Software Engineering Education. Naomi Unkelos-Shpigel

ENBIS 2016

Energy Enhancement of Multi-application Monitoring Systems for Smart Buildings. Ozgun Pinarer, Yann Gripay, Sylvie Servigne, and Atay Ozgovde

Micro-accounting for Optimizing and Saving Energy in Smart Buildings. Daniele Sora, Massimo Mecella, Francesco Leotta, Leonardo Querzoni, Roberto Baldoni, Giuseppe Bracone, Daniele Buonanno, Mario Caruso, Adriano Cerocchi, and Mariano Leva

Modeling CO₂ Emissions to Reduce the Environmental Impact of Cloud Applications. Cinzia Cappiello, Paco Melià, and Pierluigi Plebani

EM 2016

Modeling and Enacting Enterprise Decisions. Laurent Janssens, Johannes De Smedt, and Jan Vanthienen

A Modelling Environment for Business Process as a Service. Knut Hinkelmann, Kyriakos Kritikos, Sabrina Kurjakovic, Benjamin Lammel, and Robert Woitsch

Understanding Production Chain Business Process Using Process Mining: A Case Study in the Manufacturing Scenario. Alessandro Bettacchi, Alberto Polzonetti, and Barbara Re

WISSE 2016
