2017 IEEE/ACM 10th International Workshop on Cooperative and Human Aspects of Software Engineering (CHASE 2017)

Buenos Aires, Argentina
23 May 2017
2017 IEEE/ACM 10th International Workshop on Cooperative and Human Aspects of Software Engineering

(CHASE 2017)

Table of Contents

Message from CHASE 2017 Workshop Chairs ..................................................................................... viii
CHASE 2017 Program Committee ............................................................................................................ ix
CHASE 2017 Reviewers .............................................................................................................................. x
ICSE 2017 Sponsors and Benefactors ..................................................................................................... xi

CHASE 2017 Workshop Summary ........................................................................................................... 1
Daniel Graziotin, Rafael Prikladnicki, Meira Levy, Anita Sarma, and David Socha
— University of Stuttgart; PUCRS; Shenkar College of Engineering and Design;
Oregon State University; University of Washington Bothell

Long Papers

Cross-Disciplinary Perspectives on Collaborations with Software Engineers .............................................. 2
Paul Luo Li, Andrew J. Ko, and Andrew Begel
— Microsoft Research; University of Washington;

Tailoring Gamification to Requirements Elicitation: A Stakeholder-Centric Motivation Concept ......................................................... 9
Martina Z. Huber Kolpındinos and Martin Glinz
— University of Zurich; Swiss Federal Laboratories for Materials Science and Technology

Beyond Dashboards: On the Many Facets of Metrics and Feedback in Agile Organizations ............................................................... 16
Olivier Liechti, Jacques Pasquier, and Rodney Reis
— University of Applied Sciences and Arts-Western Switzerland;
Fribourg University; Avalia Systems

Intertemporal Choice: Decision Making and Time in Software Engineering .................................................. 23
Christoph Becker, Dawn Walker, and Curtis McCord
— University of Toronto
Software Development Contracts: The Impact of the Provider's Risk of Financial Loss on Project Success .......................................................... 30
  Magne Jørgensen
  — Simula Research Laboratory

Using Gamification to Orient and Motivate Students to Contribute to OSS Projects ................................................................. 36
  Guilherme C. Diniz, Marco A. Gracioto Silva, Marco A. Gerosa, and Igor Steinmacher
  — Federal University of Technology-Paraná; Northern Arizona University

The Tech-Talk Balance: What Technical Interviewers Expect from Technical Candidates ................................................................. 43
  Denae Ford, Titus Barik, Leslie Rand-Pickett, and Chris Parnin
  — North Carolina State University

ID3P: Iterative Data-Driven Development of Persona Based on Quantitative Evaluation and Revision .......................................................... 49
  Yasuhiro Watanabe, Hironori Washizaki, Kiyoshi Honda, Yuki Noyori, Yoshikazu Fukazawa, Aoi Morizuki, Hiroyuki Shibata, Kentaro Ogawa, Mikako Ishigaki, Satiy Shizaki, Teppei Yamaguchi, and Tomoaki Yagi
  — Waseda University; Yahoo Japan Corporation

Is It Possible to Disregard Obsolete Requirements? An Initial Experiment on a Potentially New Bias in Software Effort Estimation ........................................................................................................ 56
  Lucas Gren, Richard Berntsson Svensson, and Michael Unterkalmsteiner
  — Chalmers University of Technology and Gothenburg University; Blekinge Institute of Technology

Short Papers

Towards Effective Teams for the Identification of Code Smells ........................................................................................................ 62
  Rafael De Mello, Roberto Oliveira, Leonardo Sousa, and Alessandro Garcia
  — Pontifical Catholic University of Rio de Janeiro

Towards Understanding the Relationships between Interdependence and Trust in Software Development: A Qualitative Research ........................................................................................................ 66
  Itanuã F. Barbosa, Marcela P. Oliveira, Priscila B.S. Reis, Tancicleide C.S. Gomes, and Fabio Q.B. Da Silva
  — Universidade Federal de Pernambuco

Team Maturity in Software Engineering Teams: A Work in Progress ........................................................................................................ 70
  Diana Valença Pereira, George Marsicano Corrêa, Fabio Q.B. Da Silva, and Danilo Monteiro Ribeiro
  — Universidade Federal de Pernambuco; Universidade de Brasília

Inadequate Testing, Time Pressure, and (Over) Confidence: A Tale of Continuous Integration Users ........................................................................................................ 74
  Gustavo Pinto, Marcel Rebouças, and Fernando Castor
  — Federal Institute of Pará; Universidade Federal de Pernambuco

What Do Developers Want? An Advisor Approach for Developer Priorities ........................................................................................................ 78
  Vibhu Sajuanya Sharma, Rohit Mehra, and Vikrant Kaulgud
  — Accenture Labs-Bangalore
Characterization of Autonomy and Interdependence in Software Engineering .............................................. 82
   Itanauã F. Barbosa,Karla M.B. Silva, Marcela P. Oliveira, Priscila B.S. Reis, and Fabio Q.B. Da Silva
   — Universidade Federal de Pernambuco

A Fourth Explanation to Brooks’ Law—The Aspect of Group Developmental Psychology .......................... 86
   Lucas Gren
   — Chalmers University of Technology and Gothenburg University

Notes

A Preliminary Evaluation of a Gamification Framework to Jump Start Collaboration Behavior Change .......................................................... 90
   Flavio Steffens, Sabrina Marczak, Fernando Figueira Filho, Christoph Treude, and Cleidson R.B. De Souza
   — Pontifical Catholic University of Rio Grande do Sul; Universidade Federal do Rio Grande do Norte; University of Adelaide; Instituto Tecnológico Vale; Federal University of Pará

Motivation for Self-Assignment: Factors Agile Software Developers Consider ........................................... 92
   Zainab Masood, Rashina Hoda, and Kelly Blincoe
   — University of Auckland

Author Index .............................................................................................................................................. 94