Systems and Software Product Line Conference
WEESR and REVE 2020

HANDBOOK OF RE-ENGINEERING SOFTWARE INTENSIVE SYSTEMS INTO SOFTWARE PRODUCT LINES

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MAIN OBJECTIVE

- Our handbook aims to:

  o Provide a single, comprehensive and cohesive **reference**

  o Collect **extensive experience and expertise** in re-engineering software intensive systems into Software Product Lines

  o Cover the **entire life-cycle** from requirements gathering to maintenance and evolution tasks.

STRUCTURE ENVISIONED

- Part I – Fundamentals
- Part II - Organizational issues
- Part III - Advanced techniques
- Part IV - Tool support
- Part V - Academic case studies
- Part VI - Industrial experiences
- Part VII - Open challenges and future visions

SOME CHAPTER EXAMPLES (23 already accepted) …

- *Evolution in Software Product Lines: An Overview.* Montalvillo, Díaz.

- *Managing Software Product Line Evolution by Filtered Editing: The SuperMod Approach.* Schwägerl, Westfechtel.

- *Extraction of Software Product Line Architectures from Many System Variants.* Shatnawi, Seriai, Sahraoui.

- *Extraction and Evolution of a Software Product Line from Existing Web-Based Systems.* Ramos de Pontes, Kulesza, da Silva, Adachi, Cirilo.

- *Understanding the Variability on the Recovery of Product Line Architectures.* Lima, Cardoso, do Carmo Machado, Santana de Almeida, von Flach Garcia Chavez.

- *Challenges and Potential Benefits of Adopting Product Line Engineering in Start-Ups: A Preliminary Study.* Njima, Demeyer.

INTERESTED IN SUBMITTING A CHAPTER?

- Novelty is not required, then:
  - You can extend a conference/journal paper already published.
  - Chapter length of a Springer Handbook is about 20 pages (format similar to LNCS)

- Deadline: December/2020
  - Reviews January-February 2021
  - Submission to editor to March/2021
  - Tentative publication end of 2021

- Will be reviewed by at least two experts for providing detailed feedback on how to strengthen and improve your manuscript

QUESTIONS? INTERESTED?

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