## Table of Contents

1. Fast Efficient Fixed-Size Memory Pool: No Loops and No Overhead  
   *Ben Kenwright*

2. Utilising an Ant System for a Competitive Real-Life Planning Scenario  
   *Christopher Blocker and Sebastian Iwanowski*

3. Towards Discrete Event Multi Agent Platform Specification  
   *Sebastien Mattei, Paul-Antoine Bisgambiglia, Marielle Delhom, and Evelyne Vittori*

4. Multiplicative Complexity and Solving Generalized Brent Equations With SAT Solvers  
   *Nicolas Courtois, Daniel Hulme, and Theodosis Mourouzis*

5. UPC-CompilerCheck: A Tool for Evaluating Error Detection Capabilities of UPC Compilers  
   *Marina Kraeva, James Coyle, Glenn Luecke, Indranil Roy, Elizabeth Kleiman, and James Hoekstra*

6. An Integrated Scientific Experiment Framework for Numerical Analysis in e-Science Environment  
   *Sookyoung Park, Hyejeong Kang, Yoonhee Kim, Chongam Kim, and Yunjung Hyun*

7. Minimally Invasive Interpreter Construction  
   *Christoph Schinko, Torsten Ullrich, and Dieter W. Fellner*

8. Implicit Nested Repetition in Dataflow for Procedural Modeling  
   *Wolfgang Thaller, Ulrich Krispel, Sven Havemann, and Dieter W. Fellner*

9. Temperature Based Embedded Programming Algorithm For Conventional Machines Condition Monitoring  
   *Michael Kanisuru Adeyeri, Buliaminu Kareem, Adeyemi Adegbe misipo Aderoba, and Sunday O lumide Adewale*