## **Table of Contents**

A Perceptron-Based Task Predictor for Multi-Core Processor Architectures  Jongbok Lee	1
Implementing the Type System for a Typed Javascript and its IDE  Lorenzo Bettini, Jens von Pilgrim, and Mark-Oliver Reiser	6
Logical Characterization and Complexity of Weighted Branching Preorders and Distances  Louise Foshammer, Kim Guldstrand Larsen, Radu Mardare, and Bingtian Xue	12
Towards an Astrophysical-oriented Computational multi-Architectural Framework  Dzmitry Razmyslovich, Guillermo Marcus, and Reinhard Manner	19