

Table of Contents

Extending MAPE-K with Data Augmentation to Mitigate Data Scarcity <i>Catherine Saunders, Roy Sterritt, Peter Nicholl, and Ian McChesney</i>	1
Supervising Quality Environments with an Autonomic Ledger (SQuEAL) <i>Joel R. Bennett and Roy Sterritt</i>	7
A Reproducible Framework for Evaluating Autonomic Swarm Recruitment <i>Parvathy Preeya Santhosh Kumar, Liam McGuigan, Catherine Saunders, and Roy Sterritt</i>	16
Agentic AI and the Autonomic Computing Vision: Continuity, Evolution, and Beyond <i>Roy Sterritt</i>	24
A Ground-Aware LiDAR Intensity Filter for Reliable SLAM in Challenging Reflection Environments <i>Federico Rollo, Valentina Pericu, Marco Roveri, Arash Ajoudani, and Navvab Kashiri</i>	30
VaMAI-Validator: Agent Validation Platform for Autonomous Maritime Navigation <i>Christoph Baier, Joel Aschmann, Feryal Fulya Horozal, Marcel Dechert, and Sebastian Scholze</i>	36
The Energy and Autonomy Deficit: Barriers to Fielding Large Logistics UAS <i>Keirin Joyce, Keith Joiner, Mark Hargreaves, John Young, and Vincent Daria</i>	43