ANDYGROVE.SYSTEMS CONTINUING PROFESSIONAL UPSKILLING BRIEF // PP-01 (arXiv:2605.27202)
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Canonical Brief URL: https://andygrove.systems/preprint/pp-01
Primary Source URL: https://arxiv.org/abs/2605.27202

TITLE: Queue & AI: When Faster Tasks Slow Down the Workflow
AUTHORS: Silvia Bartolucci, Pierpaolo Vivo (UCL & King’s College London) (May 2026 *
  UCL / King’s College London)
PILLAR: QUEUEING & VARIANCE WEDGE
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1. EMPIRICAL & MATHEMATICAL FINDING FOR CONTINUING PROFESSIONAL UPSKILLING:
  Proves how fast AI draft generation creates a ’spike-and-tail’ service
  distribution (’variance wedge’): escaped errors return as heavy rework while
  congested human reviewers rationally lower scrutiny precisely when risk peaks.
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2. ACTIONABLE COO & INDUSTRIAL ENGINEERING PRODUCTION RULE:
  Never scale agent draft volume without verifying t_rev + p_err*t_fix < t_manual,
  _AI > _crit, and filtering defects before human reviewers.
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3. SELF-STUDY & TEAM UPSKILLING INTEGRATION (GOOGLE CLASSROOM & COLAB):
  * Interactive Calculators (L0-L3 Wilson TRM & L = lambda*W): https://andygrove.systems/calculators
  * Runnable Python Queueing & Routing Colab Lab: https://andygrove.systems/colab.ipynb
  * 1-Page Agent Line Audit Specimen: https://andygrove.systems/audit
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NODE 01 (Part-Time Remote IE/OR/BizOps Pods, $20-45/hr): https://andygrove.systems/#apply
NODE 02 (COO Office Audit Desk): mailto:output@andygrove.systems
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