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Publications

Book Chapters

- **B1. H. D. Karatza**, "Simulation of Parallel and Distributed Systems Scheduling, Concepts, Issues and Approaches", Chapter 4 in <u>APPLIED SYSTEM SIMULATION: Methodologies and Applications</u>, G. Papadimitriou and M. Obaidat Editors, Kluwer Academic Publisher, 2003, pp.61-80.
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- **B3. H. D. Karatza**, "Performance of Scheduling Strategies in Distributed Systems", In <u>Performance Evaluation of Parallel, Distributed and Emergent Systems</u>, G. Min and M. Ould-Khaoua, Editors, Nova Science Publishers, in Volume 1 in Distributed, Cluster and Grid Computing Series, 2006, pp. 183-205.
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- **B7. K. Karaoglanoglou and H. Karatza,** "Trust Calculation & Management in P2P and Grid Systems", in the <u>Handbook of Research on P2P and Grid Systems for Service-Oriented Computing: Models, Methodologies and Applications, Edited by Nick Antonopoulos, Georgios Exarchakos, Maozhen Li and Antonio Liotta, IGI Global, 2010, pp. 774-795.</u>
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- **B10. G. L. Stavrinides and H. D. Karatza**, "Scheduling Data-Intensive Workloads in Large-Scale Distributed Systems: Trends and Challenges", in <u>Modeling and Simulation in HPC and Cloud Systems</u>, Edited by Kołodziej, Joanna, Pop, Florin, Dobre, Ciprian Dobre, ser. Studies in Big Data, Springer, Vol. 36, Ch. 2, pp. 19-43, Febr. 2018.
- **B11. G. L. Stavrinides and H. D. Karatza**, "Workload scheduling in fog and cloud environments: emerging concepts and research directions", in <u>Advances in Computing, Informatics, Networking and Cybersecurity</u>, Edited by P. Nicopolitidis, S. Misra, and L.T. Yang, 1st ed., ser. Lecture Notes in Networks and Systems, Springer, Jan. 2022, vol. 289, ch. 1, pp. 3-32.

Journal Publications

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14/2/2025 4

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14/2/2025 5

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14/2/2025 20