

### **Papers to review:**

- [1] M. M. Tajiki, M. Shojafar, B. Akbari, S. Salsano, and M. Conti, "Software defined service function chaining with failure consideration for fog computing," *Concurrency and Computation: Practice and Experience*, Wiley, vol. 31, 2019.
- [2] M. Tajiki, M. Shojafar, B. Akbari, S. Salsano, M. Conti, and M. Singhal, "Joint Failure Recovery, Fault Prevention, and Energy-efficient Resource Management for Real-time SFC in Fog-supported SDN," *Computer Networks*, vol. 162, 2018.
- [3] M. Tajiki, M. Shojafar, B. Akbari, S. Salsano, and M. Conti, "Software Defined Service Function Chaining with Failure Consideration for Fog Computing," *Concurrency and Computation: Practice and Experience*, p. 4953, 2018.
- [4] H. Huang and S. Guo, "Proactive Failure Recovery for NFV in Distributed Edge Computing," *IEEE Communications Magazine*, vol. 57, no. 5, pp. 131–137, 2019.
- [5] R. Oma, S. Nakamura, D. Duolikun, T. Enokido, and M. Takizawa, "FaultTolerant Fog Computing Models in the IoT," in *Advances on P2P, Parallel, Grid, Cloud and Internet Computing*. Cham: Springer International Publishing, 2019, pp. 14–25.
- [6] U. Ozeer, X. Etchevers, L. Letondeur, F.-G. Ottogalli, G. Salaün, and J.- M. Vincent, "Resilience of Stateful IoT Applications in a Dynamic Fog Environment," in *Proceedings of the 15th EAI International Conference on Mobile and Ubiquitous Systems: Computing, Networking and Services*. Association for Computing Machinery, 2018, p. 332–341.
- [7] A. Alarifi, F. Abdelsamie, and M. Amoon, "A fault-Tolerant Aware Scheduling Method for Fog-Cloud Environments," *PloS one*, vol. 14, no. 10, 2019.
- [8] V. B. Souza, X. Masip-Bruin, E. Marín-Tordera, W. Ramírez, and S. Sánchez-López, "Proactive vs Reactive Failure Recovery Assessment in Combined Fog-to-Cloud (F2C) systems," in *2017 IEEE 22nd International Workshop on Computer Aided Modeling and Design of Communication Links and Networks (CAMAD)*. IEEE, 2017.
- [9] D. Satria, D. Park, and J. Minho, "Recovery for Overloaded Mobile Edge Computing," *Future Generation Computer Systems*, vol. 70, pp. 138–147, 2017.
- [10] A. Yousefpour, S. Devic, B. Q. Nguyen, A. Kreidieh, A. Liao, A. M. Bayen, and J. P. Jue, "Guardians of the Deep Fog: Failure-Resilient DNN Inference from Edge to Cloud," in *Proceedings of the First International Workshop on Challenges in Artificial Intelligence and Machine Learning for Internet of Things*, 2019, pp. 25–31.
- [11] A. Modarresi and J. P. G. Sterbenz, "Toward Resilient Networks with Fog Computing," in *2017 9th International Workshop on Resilient Networks Design and Modeling (RNDM)*, 2017, pp. 1–7.
- [12] K. Wang, Y. Shao, L. Xie, J. Wu, and S. Guo, "Adaptive and FaultTolerant Data Processing in Healthcare IoT Based on Fog Computing," *IEEE Transactions on Network Science and Engineering*, vol. 7, no. 1, pp. 263–273, 2020.
- [13] Y. Alahmad and A. Agarwal, "VNF Placement Strategy for Availability and Reliability of Network Services in NFV," in *2019 Sixth International Conference on Software Defined Systems (SDS)*, 2019, pp. 284–289.
- [14] J. Fan, C. Guan, Y. Zhao, and C. Qiao, "Availability-aware mapping of service function chains," in *IEEE INFOCOM 2017 - IEEE Conference on Computer Communications*, 2017, pp. 1–9.
- [15] D. Ngoc-Thanh and Y. Kim, "An Efficient Availability Guaranteed Deployment Scheme for IoT Service Chains over Fog-Core Cloud Networks," *Sensors*, vol. 18, no. 11, 2018