## \* 張哲維助理教授

所有發表期刊論文

- Che-Wei Chang, Geng-You Chen, Yi-Jung Chen, Chia-Wei Yeh, Pei Yin Eng, Ana Cheung, and Chia-Lin Yang, "Exploiting Write Heterogeneity of Morphable MLC/SLC SSDs in Datacenters with Service-Level Objectives," in IEEE Transactions on Computers, Volume 66, Number 8, 2017.
- 2. <u>Che-Wei Chang</u>, Chun-Yi Liu, and Chuan-Yue Yang, "Energy-Efficient Heterogeneous Resource Management for Wireless Monitoring Systems," in Journal of Systems and Software, Volume 131, 2017.
- Sheng-Wei Cheng, <u>Che-Wei Chang</u>, Jian-Jia Chen, Tei-Wei Kuo, and Pi-Cheng Hsiu, "Many-Core Real-Time Task Scheduling with Scratchpad Memory," in IEEE Transactions on Parallel and Distributed Systems, Volume 27, Number 10, 2016.
- 4. Chien-Chung Ho, Sheng-Wei Cheng, Yuan-Hao Chang, Yu-Ming Chang, Sheng-Yen Hong, and <u>Che-Wei Chang</u>, "Efficient Hibernation Resuming with Classification-based Prefetching Scheme for Embedded Computing Systems," in ACM SIGAPP Applied Computing Review, Volume 15, Number 1, 2015.
- 5. <u>Che-Wei Chang</u>, Jian-Jia Chen, Tei-Wei Kuo, and Heiko Falk, "Real-Time Task Scheduling on Island-Based Multi-Core Platforms," in IEEE Transactions on Parallel and Distributed Systems, Volume 26, Number 2, 2015.
- 6. <u>Che-Wei Chang</u>, Chuan-Yue Yang, Yuan-Hao Chang, and Tei-Wei Kuo, "Booting Time Minimization for Real-Time Embedded Systems with Non-Volatile Memory," in IEEE Transactions on Computers, Volume 63, Number 4, 2014.
- 7. Yu-Ming Chang, Pi-Cheng Hsiu, Yuan-Hao Chnag, and <u>Che-Wei Chang</u>, "A Resource-Driven DVFS Scheme for Smart Handheld Devices," in ACM Transactions on Embedded Computing Systems, Volume 13, Number 3, 2013.
- 8. <u>Che-Wei Chang</u>, Tiefei Zhang, Chuan-Yue Yang, Ying-Jheng Chen, Shih-Hao Hung, Tei-Wei Kuo, and Tianzhou Chen, "Data Transmission with the Battery Utilization Maximization," in Journal of Computer Science and Technology, Volume 26, Number 3, 2011.