

| 日期    | 1   | 2   | 3   |
|-------|-----|-----|-----|
| 11/29 | 楊譚  | 王如馨 | 林佳賢 |
| 12/6  | 洪瑋聯 | 蔡尚樺 |     |
| 12/13 | 胡恆誠 | 李建德 | 陳與延 |
| 12/20 | 王挺宇 | 張錫浙 | 姚啓明 |
| 12/27 | 楊譚  | 王如馨 | 林佳賢 |
|       | 洪瑋聯 | 蔡尚樺 |     |
| 1/3   | 胡恆誠 | 李建德 | 陳與延 |
|       | 王挺宇 | 張錫浙 | 姚啓明 |

楊譚

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| <p>論文題目: An Adaptive Cloudlet Placement Method for Mobile Applications over GPS Big Data</p> <p>作者: H. Xiang et al.</p> <p>出處: 2016 IEEE Global Communications Conference (GLOBECOM), Washington, DC, 2016, pp. 1-6.</p>                               |
| <p>論文題目: Efficient Algorithms for Capacitated Cloudlet Placements</p> <p>作者: Z. Xu, W. Liang, W. Xu, M. Jia and S. Guo</p> <p>出處: IEEE Transactions on Parallel and Distributed Systems, vol. 27, no. 10, pp. 2866-2880, 1 Oct. 2016.</p>              |
| <p>論文題目: Towards efficient data access in mobile cloud computing using pre-fetching and caching</p> <p>作者: H. Zhijun, R. E. De Grande and A. Boukerche</p> <p>出處: 2017 IEEE International Conference on Communications (ICC), Paris, 2017, pp. 1-6</p> |

王如馨

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| <p>論文題目: QoE-Driven Joint Resource Allocation for Content Delivery in Fog Computing</p> |
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| Environment<br>作者: X. He, K. Wang, H. Huang, T. Miyazaki, Y. Wang and Y. Sun<br>出處: 2018 IEEE International Conference on Communications (ICC)  |
| 論文題目: Fair Task Offloading among Fog Nodes in Fog Computing Networks<br>作者: G. Zhang, F. Shen, Y. Yang, H. Qian and W. Yao<br>出處: 2018 IEEE International Conference on Communications (ICC)  |
| 論文題目: Distributed resource sharing in fog-assisted big data streaming<br>作者: B. Yin, W. Shen, Y. Cheng, L. X. Cai and Q. Li<br>出處: 2017 IEEE International Conference on Communications (ICC) |

### 林佳賢

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| 題目: Enhancing dynamic cloud-based services using network virtualization<br>作者: Fang Hao, T.V. Lakshman, Sarit Mukherjee, Haoyu Song<br>出處: ACM SIGCOMM Computer Communication Review                                  |
| 題目: M2cloud: software defined multi-site data center network control framework for multi-tenant<br>作者: Zhongjin Liu, Yong Li, Li Su, Depeng Jin, Lieguang Zeng<br>出處: ACM SIGCOMM Computer Communication Review       |
| 題目: SHIP: A Scalable Hierarchical Power Control Architecture for Large-Scale Data Centers<br>作者: Xiaorui Wang, Ming Chen, Charles Lefurgy, Tom W. Keller<br>出處: IEEE Transactions on Parallel and Distributed Systems |

### 洪瑋聯

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| 題目: A Mininet-based Virtual Testbed for Distributed SDN Development<br>作者: Bob Lantz, Brian O'Connor<br>出處: SIGCOMM '15: Proceedings of the 2015 ACM Conference on Special Interest Group on Data                             |
| 題目: Enforcing Timely Network Policies Installation in OpenFlow-based Software Defined Networks<br>作者: Ting Wang, Mounir Hamdi, Jie Chen<br>出處: IEEE ICC 2017 Next Generation Networking and Internet Symposium                |
| 題目: Towards Transiently Secure Updates in Asynchronous SDNs<br>作者: Apoorv Shukla, Stefan Schmid, Anja Feldmann, Arne Ludwig, Szymon Dudycz, Andre Schuetze<br>出處: SIGCOMM '16: Proceedings of the 2016 ACM SIGCOMM Conference |

蔡尚樺

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| <p>題目: Deep Reinforcement Learning based Computation Offloading and Resource Allocation for MEC</p> <p>作者: Ji Li, Hui Gao, Tiejun Lv, and Yueming Lu</p> <p>出處: 2018 IEEE Wireless Communications and Networking Conference (WCNC)</p>         |
| <p>題目: Collaborative Computation Offloading for Mobile-Edge Computing over Fiber-Wireless Networks</p> <p>作者: Hongzhi Guo, Jiajia Liu, Huiling Qin, and Haibin Zhang</p> <p>出處: GLOBECOM 2017 - 2017 IEEE Global Communications Conference</p> |
| <p>題目: Redesigning MPTCP for Edge Clouds</p> <p>作者: Nitinder Mohan, Tanya Shreedhar, Aleksandr Zavodovski, Otto Waltari, Jussi Kangasharju, and Sanjit K. Kaul</p> <p>出處: MobiCom' 18, October 29 – November 2, 2018, New Delhi, India</p>     |

胡恆誠

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| <p>論文題目: Collaborative Computation Offloading for Multiaccess Edge Computing Over Fiber – Wireless Networks</p> <p>作者: Hongzhi Guo , Member, IEEE and Jiajia Liu , Senior Member, IEEE</p> <p>出處: IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, VOL. 67, NO. 5, MAY 2018</p>                            |
| <p>論文題目: Efficient Multi-User Computation Offloading for Mobile-Edge Cloud Computing</p> <p>作者: Xu Chen, Member, IEEE, Lei Jiao, Member, IEEE, Wenzhong Li, Member, IEEE, ACM, and Xiaoming Fu, Senior Member, IEEE</p> <p>出處: IEEE/ACM TRANSACTIONS ON NETWORKING, VOL. 24, NO. 5, OCTOBER 2016</p> |
| <p>論文題目: Energy-Efficient Dynamic Offloading and Resource Scheduling in Mobile Cloud Computing</p> <p>作者: Songtao Guo , Bin Xiao , Yuanyuan Yang and Yang Yang</p> <p>出處: IEEE INFOCOM 2016 - The 35th Annual IEEE International Conference on Computer Communications</p>                           |

李建德

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| <p>論文題目: A Robust SRAM-PUF Key Generation Scheme Based on Polar Codes</p> |
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| <p>作者: Bin Chen, Tanya Ignatenko, Frans M.J. Willems, Roel Maes, Erik van der Sluis, and Georgios Selimis</p> <p>出處: 2017 IEEE Global Communications Conference</p>  |
| <p>論文題目: A stateless time-based authenticated-message protocol for wireless sensor networks</p> <p>作者: Selma Boumerdassi, Éric Renault, and Paul Muhlethaler</p> <p>出處: 2016 IEEE Wireless Communications and Networking Conference</p>              |
| <p>論文題目: PUFSec: Device Fingerprint-based Security Architecture for Internet of Things</p> <p>作者: So-Yeon Park, Sunil Lim, Dahee Jeong, Jungjin Lee, Joon-Sung Yang, and HyungJune Lee</p> <p>出處: 2017 IEEE Conference on Computer Communication</p> |

#### 陳與延

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| <p>題目: SDX: A Software Defined Internet Exchange</p> <p>作者: Arpit Gupta, Laurent Vanbever, Muhammad Shahbaz, Sean Patrick Donovan, Brandon Schlinker, Nick Feamster, Jennifer Rexford, Scott Shenker, Russ Clark, Ethan Katz-Bassett</p> <p>出處: SIGCOMM '14: Proceedings of the 2014 ACM conference on SIGCOMM</p> |
| <p>題目: NOSIX: A Lightweight Portability Layer for the SDN OS</p> <p>作者: Minlan Yu, Andreas Wundsam, Muruganatham Raju</p> <p>出處: ACM SIGCOMM Computer Communication Review: Volume 44 Issue 2, April 2014</p>  |
| <p>題目: The Road to SDN: An Intellectual History of Programmable Networks</p> <p>作者: Nick Feamster, Jennifer Rexford, Ellen Zegura</p> <p>出處: ACM SIGCOMM Computer Communication Review: Volume 44 Issue 2, April 2014</p>  |

#### 王挺宇

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| <p>論文題目: Minimizing Flow Statistics Collection Cost of SDN Using Wildcard Requests</p> <p>作者: Hongli Xu, Zhuolong Yu, Chen Qian, Xiang-Yang L, Zichun Liu</p> <p>出處: IEEE INFOCOM - IEEE Conference on Computer Communications</p> |
| <p>論文題目: FlowCover: Low-cost Flow Monitoring Scheme in Software Defined Networks</p> <p>作者: Zhiyang Su, Ting Wang, Yu Xia, Mounir Hamdi</p> <p>出處: IEEE Globecom - Next Generation Networking Symposium</p>                        |
| <p>論文題目: DevoFlow: scaling flow management for high-performance networks</p>   |

作者: Andrew R. Curtis, Jeffrey C. Mogul, Jean Tourrilhes, Praveen Yalagandula  
出處: ACM SIGCOMM Conference

#### 張錫淞

論文題目: Resource Allocation Mechanism for a Fog-Cloud Infrastructure  
作者: Rodrigo A. C. da Silva ; Nelson L. S. da Fonseca  
出處: 2018 IEEE International Conference on Communications (ICC)

論文題目: Handling service allocation in combined Fog-cloud scenarios  
作者: V. B. C. Souza ; W. Ramirez ; X. Masip-Bruin ; E. Marin-Tordera ; G. Ren ; G. Tashakor  
出處: 2016 IEEE International Conference on Communications (ICC)

論文題目: Towards Distributed Service Allocation in Fog-to-Cloud (F2C) Scenarios  
作者: Vitor Barbosa Souza ; Xavi Masip-Bruin ; Eva Marin-Tordera ; Wilson Ramirez ; Sergio Sanchez  
出處: 2016 IEEE Global Communications Conference (GLOBECOM)

#### 姚啓明

論文題目: A novel QUIC traffic Classifier based on Convolutional Neural  
作者: Van Tong, Hai Anh Tran, Sami Souihi, Abdelhamid Mellouk  
出處: IEEE GLOBECOM 2018

論文題目: A Light-weight Approach to Obtaining NF State Information in SDN+NFV  
Networks  
作者: Bing Leng, Liusheng Huang, Chunming Qiao, Hongli Xu  
出處: IEEE INFOCOM 2018

論文題目: Predictive Analytics for Fog Computing using Machine Learning and GENI  
作者: J. Patman, M. Alfarhood, S. Islam, M. Lemus, P. Calyam, and K. Palaniappan  
出處: IEEE INFOCOM 2018