

# 한국연구재단 BK21 문제정의형 핵심 SW 인력양성사업단

연세대학교 컴퓨터과학과



교육연구단장

박상현 교수

1차년도 교육연구단 현황	참여교수	참여대학원생	신진연구인력	산학협력전담인력	행정직원
	16명	110명	-	-	1명

## 1차년도 사업단 성과

### □ 참여교수 우수논문(우수 국제학술대회)

- S. S. Lee, and S. K. Lee, "Resource Allocation for Vehicular Fog Computing using Reinforcement Learning Combined with Heuristic Information," IEEE Internet of Things Journal, Vol. 7, Issue: 10, Oct. 2020
- D. Lee, B. Oh, S. Seo and K. Lee, "News Recommendation with Topic-Enriched Knowledge Graphs," Proc. of the Int'l Conference on Information and Knowledge Management (CIKM 2020), pp. 695-704, 2020.
- Sanghak Lee, Seungmin Seo, Byungkook Oh, Kyong-Ho Lee, Donghoon Shin and Yeonsoo Lee, "Cross-sentence N-ary Relation Extraction using Entity Link and Discourse Relation," Proc. of the Int'l Conference on Information and Knowledge Management (CIKM 2020), pp. 705-714, 2020.
- J. Kim, Y. Choi, S. Jeon, J. Kang, H. Cha, "Optrone: Maximizing Performance and Energy Resources of Drone Batteries," IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, Vol. 39, Issue 11, Nov. 2020, pp 3931-3943
- Y. Choi, S. Park, S. Jeon, R. Ha, H. Cha, "Optimizing Energy Consumption of Mobile Games," IEEE Transactions on Mobile Computing, 2021, DOI:10.1109/TMC.2021.3058381
- J. Kim, S. Baek, Y. Choi, J. Ahn, H. Cha, "Hydrone: Reconfigurable Energy Storage for UAV Applications," IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, Vol. 39, Issue 11, Nov. 2020, pp 3686-3697, DOI:10.1109/TCAD.2020.3013052
- W. Choi, D. Kim, H. Roh, S. Park, "OurRocks: offloading disk scan directly to GPU in write-optimized database system," IEEE Transactions on Computers, Sep. 2020.
- S. Jeon, S. Nam, S. W. Oh, S. J. Kim, "Cross-Identity Motion Transfer for Arbitrary Objects through Pose-Attentive Video Reassembling", Proc. European Conference on Computer Vision (ECCV), 2020
- J. Kang, Y. Jo, S. W. Oh, P. Vajda, S. J. Kim, "Deep Space-time Upsampling Networks", Proc. European Conference on Computer Vision (ECCV), 2020