

Editor's Note - Special Issue on Deep vs. Shallow: Learning for Emerging Web-scale Data Computing and Applications

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World Wide Web gratefully acknowledges the editorial work of the scholars listed below on the special issue entitled “Deep vs. Shallow: Learning for Emerging Web-scale Data Computing and Applications.”

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This special issue contains the following twenty-six papers:

- ***On fusing the latent deep CNN feature for image classification*** by Xueliang Liu, Rongjie Zhang, Zhijun Meng, Richang Hong, and Guangcan Liu
<https://doi.org/10.1007/s11280-018-0600-3>

This article belongs to the Topical Collection: *Special Issue on Deep vs. Shallow: Learning for Emerging Web-scale Data Computing and Applications*
Guest Editors: Jingkuan Song, Shuqiang Jiang, Elisa Ricci, and Zi Huang

- ***A resource-aware approach for authenticating privacy preserving GNN queries*** by Yan Dai, Jie Shao, Gang Hu, and Long Guo
<https://doi.org/10.1007/s11280-017-0507-4>
- ***Effective shortest travel-time path caching and estimating for location-based services*** by Detian Zhang, An Liu, Zhixu Li, Gangyong Jia, Fei Chen, and Qing Li
<https://doi.org/10.1007/s11280-018-0549-2>
- ***Class consistent hashing for fast Web data searching*** by Xin Luo, Ye Wu, Wan-Jin Yu, and Xin-Shun Xu
<https://doi.org/10.1007/s11280-018-0540-y>
- ***MARES: multitask learning algorithm for Web-scale real-time event summarization*** by Min Yang, Wenting Tu, Qiang Qu, Kai Lei, Xiaojun Chen, Jia Zhu, and Ying Shen
<https://doi.org/10.1007/s11280-018-0597-7>
- ***Low-rank hypergraph feature selection for multi-output regression*** by Xiaofeng Zhu, Rongyao Hu, Cong Lei, Kim Han Thung, Wei Zheng, and Can Wang
<https://doi.org/10.1007/s11280-017-0514-5>
- ***ProfitLeader: identifying leaders in networks with profit capacity*** by Zhongjing Yu, Junming Shao, Qinli Yang, and Zejun Sun
<https://doi.org/10.1007/s11280-018-0537-6>
- ***Multi-scale deep context convolutional neural networks for semantic segmentation*** by Quan Zhou, Wenbing Yang, Guangwei Gao, Weihua Ou, Huimin Lu, Jie Chen, and Longin Jan Latecki
<https://doi.org/10.1007/s11280-018-0556-3>
- ***Deep learning approaches for video-based anomalous activity detection*** by Karishma Pawar and Vahida Attar
<https://doi.org/10.1007/s11280-018-0582-1>
- ***A novel approach for Web page modeling in personal information extraction*** by Wei Yuliang, Zhou Qi, Lv Fang, Han Xixian, Xin Guodong, and Wang Bailing
<https://doi.org/10.1007/s11280-018-0631-9>
- ***Residual attention-based LSTM for video captioning*** by Xiangpeng Li, Zhilong Zhou, Lijiang Chen, and Lianli Gao
<https://doi.org/10.1007/s11280-018-0531-z>
- ***Predicting e-book ranking based on the implicit user feedback*** by Bin Cao, Chenyu Hou, Hongjie Peng, Jing Fan, Jian Yang, Jianwei Yin, and Shuiguang Deng
<https://doi.org/10.1007/s11280-018-0554-5>
- ***Deep adversarial metric learning for cross-modal retrieval*** by Xing Xu, Li He, Huimin Lu, Lianli Gao, Yanli Ji
<https://doi.org/10.1007/s11280-018-0541-x>
- ***Group sparse reduced rank regression for neuroimaging genetic study*** by Xiaofeng Zhu, Heung-Il Suk, and Dinggang Shen
<https://doi.org/10.1007/s11280-018-0637-3>
- ***Abnormal event detection in tourism video based on salient spatio-temporal features and sparse combination learning*** by Yue Geng, Junping Du, and Meiyu Liang
<https://doi.org/10.1007/s11280-018-0603-0>
- ***Co-regularized kernel ensemble regression*** by Dickson Keddy Wornyo, Xiang-Jun Shen, Yong Dong, Liangjun Wang, and Shu-Cheng Huang
<https://doi.org/10.1007/s11280-018-0576-z>

- *Exploiting long-term temporal dynamics for video captioning* by Yuyu Guo, Jingqiu Zhang, and Lianli Gao
<https://doi.org/10.1007/s11280-018-0530-0>
- *Context-aware graph pattern based top-k designated nodes finding in social graphs* by Guanfeng Liu, Qun Shi, Kai Zheng, Zhixu Li, An Liu, and Jiajie Xu
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- *Semi-supervised cross-modal learning for cross modal retrieval and image annotation* by Fuhao Zou, Xingqiang Bai, Chaoyang Luan, Kai Li, Yunfei Wang, and Hefei Ling
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- *An emotion-based responding model for natural language conversation* by Feng Liu, Qirong Mao, Liangjun Wang, Nelson Ruwa, Jianping Gou, and Yongzhao Zhan
<https://doi.org/10.1007/s11280-018-0601-2>
- *Protecting multi-party privacy in location-aware social point-of-interest recommendation* by Weiqi Wang, An Liu, Zhixu Li, Xiangliang Zhang, Qing Li, and Xiaofang Zhou
<https://doi.org/10.1007/s11280-018-0550-9>
- *Practical k-agents search algorithm towards information retrieval in complex networks* by Pengfei Liu, Minyu Feng, and Ming Liu
<https://doi.org/10.1007/s11280-018-0527-8>
- *Low-rank dimensionality reduction for multi-modality neurodegenerative disease identification* by Xiaofeng Zhu, Heung-Il Suk, and Dinggang Shen
<https://doi.org/10.1007/s11280-018-0645-3>

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