Jianfeng Dong

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Research Interests

Cross-media retrieval and deep learning. Specifically, I am interested in deep understanding of images, texts, videos, and their relations.

Publications

[1] **Jianfeng Dong**, Xirong Li and Duanqing Xu. *Cross-Media Similarity Evaluation for Web Image Retrieval in the Wild*. Under review of Transactions on Multimedia.

[2] **Jianfeng Dong**. *Cross-media Relevance Computation for Multimedia Retrieval*. In Proc. of ACM Multimedia, 2017

[3] Weiyu Lan, Xirong Li, **Jianfeng Dong**. *Fluency-Guided Cross-Lingual Image Captioning*. In Proc. of ACM Multimedia, 2017

[4] **Jianfeng Dong**, Xirong Li, Cees G. M. Snoek. *Word2VisualVec: Cross-Media Retrieval by Visual Feature Prediction*. arXiv preprint, 2016.

[5] Cees G. M. Snoek, **Jianfeng Dong**, Xirong Li, Xiaoxu Wang, Qijie Wei, Weiyu Lan, Efstratios Gavves, Noureldien Hussein, Dennis C. Koelma, Arnold W. M. Smeulders. *University of Amsterdam and Renmin University at TRECVID 2016: Searching Video, Detecting Events and Describing Video*. In TRECVID Workshop, 2016.

[6] **Jianfeng Dong**, Xirong Li, Weiyu Lan, Yujia Huo, and Cees G. M. Snoek. *Early Embedding and Late Reranking for Video Captioning*. In Proc. of ACM Multimedia, 2016.

[7] Xirong Li, Weiyu Lan and **Jianfeng Dong**. *Adding Chinese Captions to Images*. In Proc. of ICMR 2016.

[8] **Jianfeng Dong**, Xirong Li, Shuai Liao, Jieping Xu, Duanqing Xu and Xiaoyong Du. *Image retrieval by cross-media relevance fusion*. In Proc. of ACM Multimedia, 2015.

Awards

• Achieved ACM Multimedia 2016 Grand Challenge Award.
• Ranked 1st on both Matching and Ranking and Description Generation tasks at TrecVid 2016.
• Ranked the 4th in MSR Video to Language Challenge at ACM Multimedia 2016.
• Ranked the 1st on the image retrieval task of MSR-Bing Image Retrieval Challenge at ACM Multimedia 2015.

Educations

M.S. & Ph.D. candidate in Computer Science and Technology   September 2013 – present
Zhejiang University   (Advisor: Prof. Duanqing Xu)

Visiting student   November 2016 - present
The University of Sydney   (Advisor: Prof. Dacheng Tao)

Visiting student   May 2015 - October 2016
Renmin University of China   (Advisor: Prof. Xirong Li)

B.S. degree in Software Engineering   September 2009 - June 2013
Zhejiang University of Technology

Referees

Prof. Xirong Li, Renmin University of China (xirong@ruc.edu.cn)

Prof. Duanqing Xu, Zhejiang University (xdq@zju.edu.cn)