**REFERENCES**

[1] H. Liu, T. Mei, J. Luo, H. Li, and S. Li, “Finding perfect rendezvous on the go: accurate mobile visual localization and its applications to routing,” in Proceedings of the 20th ACM international conference on Multimedia. ACM, 2012, pp. 9–18.

[2] J. Li, X. Qian, Y. Y. Tang, L. Yang, and T. Mei, “Gps estimation for places of interest from social users’ uploaded photos,” IEEE Transactions on Multimedia, vol. 15, no. 8, pp. 2058–2071, 2013.

[3] S. Jiang, X. Qian, J. Shen, Y. Fu, and T. Mei, “Author topic model based collaborative filtering for personalized poi recommendation,” IEEE Transactions on Multimedia, vol. 17, no. 6, pp. 907–918, 2015.

[4] J. Sang, T. Mei, and C. Sun, J.T.and Xu, “Probabilistic sequential pois recommendation via check-in data,” in Proceedings of ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems. ACM, 2012.

[5] Y. Zheng, L. Zhang, Z. Ma, X. Xie, and W. Ma, “Recommending friends and locations based on individual location history,” ACM Transactions on the Web, vol. 5, no. 1, p. 5, 2011.

[6] H. Gao, J. Tang, X. Hu, and H. Liu, “Content-aware point of interest recommendation on location-based social networks,” in Proceedings of 29th International Conference on AAAI. AAAI, 2015.

[7] Q. Yuan, G. Cong, and A. Sun, “Graph-based point-of-interest recommendation with geographical and temporal influences,” in Proceedings of the 23rd ACM International Conference on Information and Knowledge Management. ACM, 2014, pp. 659–668.

[8] H. Yin, C. Wang, N. Yu, and L. Zhang, “Trip mining and recommendation from geo-tagged photos,” in IEEE International Conference on Multimedia and Expo Workshops. IEEE, 2012, pp. 540–545.

[9] Y. Gao, J. Tang, R. Hong, Q. Dai, T. Chua, and R. Jain, “W2go: a travel guidance system by automatic landmark ranking,” in Proceedings of the international conference on Multimedia. ACM, 2010, pp. 123–132.

[10] X. Qian, Y. Zhao, and J. Han, “Image location estimation by salient region matching,” IEEE Transactions on Image Processing, vol. 24, no. 11, pp. 4348–4358, 2015.

[11] H. Kori, S. Hattori, T. Tezuka, and K. Tanaka, “Automatic generation of multimedia tour guide from local blogs,” Advances in Multimedia Modeling, pp. 690–699, 2006.

[12] T. Kurashima, T. Tezuka, and K. Tanaka, “Mining and visualizing local experiences from blog entries,” in Database and Expert Systems Applications. Springer, 2006, pp. 213–222.

[13] Y. Shi, P. Serdyukov, A. Hanjalic, and M. Larson, “Personalized landmark recommendation based on geo-tags from photo sharing sites,” ICWSM, vol. 11, pp. 622–625, 2011.

[14] M. Clements, P. Serdyukov, A. de Vries, and M. Reinders, “Personalised travel recommendation based on location co-occurrence,” arXiv preprint arXiv:1106.5213, 2011.

[15] X. Lu, C. Wang, J. Yang, Y. Pang, and L. Zhang, “Photo2trip: generating travel routes from geo-tagged photos for trip planning,” in Proceedings of the international conference on Multimedia. ACM, 2010, pp. 143–152.

[16] Y. Zheng, L. Zhang, X. Xie, and W. Ma, “Mining interesting locations and travel sequences from gps trajectories,” in Proceedings of the 18th international conference on World wide web. ACM, 2009, pp. 791–800.

[17] V. W. Zheng, Y. Zheng, X. Xie, and Q. Yang, “Collaborative location and activity recommendations with gps history data,” in Proceedings of the 19th international conference on World wide web. ACM, 2010, pp. 1029–1038.

[18] N. J. Yuan, Y. Zheng, X. Xie, Y. Wang, K. Zheng, and H. Xiong, “Discovering urban functional zonesusing latent activity trajectories,” IEEE Trans. Knowl. Data Eng., vol. 27, no. 3, pp. 712–725, 2015. [Online]. Available:http://dx.doi.org/10.1109/TKDE.2014.2345405

[19] J. Liu, Z. Huang, L. Chen, H. T. Shen, and Z. Yan, “Discovering areas of interest with geo-tagged images and check-ins,” in Proceedings of the 20th ACM international conference on Multimedia. ACM, 2012, pp. 589–598.

[20] Y. Pang, Q. Hao, Y. Yuan, T. Hu, R. Cai, and L. Zhang, “Summarizing tourist destinations by mining user-generated travelogues and photos,” Computer Vision and Image Understanding, vol. 115, no. 3, pp. 352–363, 2011.

[21] L. Cao, J. Luo, A. Gallagher, X. Jin, J. Han, and T. Huang, “Aworldwide tourism recommendation system based on geo-tagged web photos,” in IEEE International Conference on Acoustics Speech and Signal Processing. IEEE, 2010, pp. 2274–2277.

[22] H. Huang and G. Gartner, “Using trajectories for collaborative filtering–based poi recommendation,” International Journal of Data Mining, Modelling and Management, vol. 6, no. 4, pp. 333–346, 2014.

[23] C. Zhang and K. Wang, “Poi recommendation through crossregion collaborative filtering,” Knowledge and Information Systems, pp. 1–19, 2015.

[24] A. Majid, L. Chen, G. Chen, H. Mirza, and I. Hussain, “Gothere: travel suggestions using geotagged photos,” in Proceedings of the 21st international conference companion on World Wide Web. ACM, 2012, pp. 577–578.

[25] C. Cheng, H. Yang, M. R. Lyu, and I. King, “Where you like to go next: Successive point-of-interest recommendation,” in IJCAI, 2013.

[26] T. Kurashima, T. Iwata, G. Irie, and K. Fujimura, “Travel route recommendation using geotags in photo sharing sites,” in Proceedings of the 19th ACM international conference on Information and knowledge management. ACM, 2010, pp. 579–588.

[27] A. Majid, L. Chen, G. Chen, H. T. Mirza, I. Hussain, and J. Woodward, “A context-aware personalized travel recommendation system based on geotagged social media data mining,” International Journal of Geographical Information Science, vol. 27, no. 4, pp. 662–684, 2013.

[28] X. Qian, H. Feng, G. Zhao, and T. Mei, “Personalized recommendation combining user interest and social circle,” IEEE Transactions on Knowledge and Data Engineering, vol. 26, no. 7, pp. 1763–1777, 2014.

[29] P. Lou, G. Zhao, X. Qian, H. Wang, and X. Hou, “Schedule a rich sentimental travel via sentimental poi mining and recommendation,” in Proceedings of the 20th ACM international conference on Multimedia Big Data, 2016.

[30] M. Xie, L. Lakshmanan, and P. Wood, “Breaking out of the box of recommendations: from items to packages,” in Proceedings of the fourth ACM conference on Recommender systems. ACM, 2010, pp. 151–158.

[31] Y. Ge, Q. Liu, H. Xiong, A. Tuzhilin, and J. Chen, “Cost-aware travel tour recommendation,” in Proceedings of the 17th ACMinter national conference on Knowledge discovery and data mining. ACM, 2011, pp. 983–991.

[32] A. Cheng, Y. Chen, Y. Huang, W. Hsu, and H. Liao, “Personalized travel recommendation by mining people attributes from community-contributed photos,” in Proceedings of the 19th ACM international conference on Multimedia. ACM, 2011, pp. 83–92.

[33] Q. Liu, Y. Ge, Z. Li, E. Chen, and H. Xiong, “Personalized travel package recommendation,” in IEEE 11th International Conference on Data Mining. IEEE, 2011, pp. 407–416.

[34] Y. Lyu, C.-Y. Chow, R. Wang, and V. C. Lee, “Using multi-criteria decision making for personalized point-of-interest recommendations,” in Proceedings of SIGSPATIAL, November 04-07 2014, Dallas/Fort Worth, TX, USA. ACM, 2014.

[35] X. Wang, M. Yu, L. Zhang, R. Cai, and W. Ma, “Argo: intelligent advertising by mining a user’s interest from his photo collections,” in Proceedings of the Third InternationalWorkshop on Data Mining and Audience Intelligence for Advertising. ACM, 2009, pp. 18–26.

[36] Q. Hao, R. Cai, C. Wang, R. Xiao, J. Yang, Y. Pang, and L. Zhang, “Equip tourists with knowledge mined from travelogues,” in Proceedings of the 19th international conference on World wide web. ACM, 2010, pp. 401–410.

[37] Q. Hao, R. Cai, X. Wang, J. Yang, Y. Pang, and L. Zhang, “Generating location overviews with images and tags by mining user generated travelogues,” in Proceedings of the 17th ACM international conference on Multimedia. ACM, 2009, pp. 801–804.

[38] K. Sparck Jones, “A statistical interpretation of term specificity and its application in retrieval,” Journal of documentation, vol. 28, no. 1, pp. 11–21, 1972.

[39] J. Hays, A. Efros et al., “Im2gps: estimating geographic information from a single image,” in IEEE Conference on Computer Vision and Pattern Recognition, 2008. IEEE, 2008, pp. 1–8.

[40] Y. Xue and X. Qian, “Visual summarization of landmarks via viewpoint modeling,” in 19th IEEE International Conference on Image Processing. IEEE, 2012, pp. 2873–2876.

[41] X. Qian, Y. Xue, X. Yang, Y. Y. Tang, X. Hou, and T. Mei, “Landmark summarization with diverse viewpoints,” IEEE Transactions on Circuits and Systems for Video Technology, vol. 25, no. 11, pp. 1857–1869, 2015.

[42] D. M. Blei, A. Y. Ng, and M. I. Jordan, “Latent dirichlet allocation,” the Journal of machine Learning research, vol. 3, pp. 993–1022, 2003.