**REFERENCES**

[1] G. Piao and J. G. Breslin, “Inferring user interests in microblogging

social networks: a survey,” User Modeling and User-Adapted

Interaction, vol. 28, no. 3, pp. 277–329, aug 2018. [Online]. Available:

http://link.springer.com/10.1007/s11257-018-9207-8

[2] A. Vinciarelli and G. Mohammadi, “A Survey of Personality

Computing,” IEEE Transactions on Affective Computing,

vol. 5, no. 3, pp. 273–291, jul 2014. [Online]. Available:

http://ieeexplore.ieee.org/document/6834774/

[3] V. Mart´ınez, F. Berzal, and J.-C. Cubero, “A Survey of Link Prediction

in Complex Networks,” ACM Computing Surveys, vol. 49, no. 4, pp.

1–33, feb 2017.

[4] H.-C. Yang and Z.-R. Huang, “Mining personality traits from

social messages for game recommender systems,” Knowledge-Based

Systems, vol. 165, pp. 157–168, feb 2019. [Online]. Available:

https://linkinghub.elsevier.com/retrieve/pii/S095070511830577X

[5] W. Wu, L. Chen, and Y. Zhao, “Personalizing recommendation diversity

based on user personality,” User Modeling and User-Adapted Interaction,

vol. 28, no. 3, pp. 237–276, 2018.

[6] H. Ning, S. Dhelim, and N. Aung, “PersoNet: Friend Recommendation

System Based on Big-Five Personality Traits and Hybrid Filtering,”

IEEE Transactions on Computational Social Systems, pp. 1–9, 2019.

[Online]. Available: https://ieeexplore.ieee.org/document/8675299/

[7] B. Ferwerda, M. Tkalcic, and M. Schedl, “Personality Traits and Music

Genres: What Do People Prefer to Listen To?” in Proceedings of the

25th Conference on User Modeling, Adaptation and Personalization.

ACM, 2017, pp. 285–288.

[8] B. Ferwerda, E. Yang, M. Schedl, and M. Tkalcic, “Personality and

taxonomy preferences, and the influence of category choice on the

user experience for music streaming services,” Multimedia Tools and

Applications, pp. 1–34, 2019. [9] Z. Yusefi Hafshejani, M. Kaedi, and A. Fatemi, “Improving sparsity and

new user problems in collaborative filtering by clustering the personality

factors,” Electronic Commerce Research, vol. 18, no. 4, pp. 813–836,

dec 2018. [Online]. Available: http://link.springer.com/10.1007/s10660-

018-9287-x

[10] S. Dhelim, N. Huansheng, S. Cui, M. Jianhua, R. Huang,

and K. I.-K. Wang, “Cyberentity and its consistency in the

cyber-physical-social-thinking hyperspace,” Computers & Electrical

Engineering, vol. 81, p. 106506, jan 2020. [Online]. Available:

https://linkinghub.elsevier.com/retrieve/pii/S0045790618334839

[11] A. Khelloufi, H. Ning, S. Dhelim, T. Qiu, J. Ma, R. Huang, and L. Atzori,

“A Social Relationships Based Service Recommendation System For

SIoT Devices,” IEEE Internet of Things Journal, pp. 1–1, 2020.

[Online]. Available: https://ieeexplore.ieee.org/document/9167284/

[12] F. Zarrinkalam, M. Kahani, and E. Bagheri, “Mining user interests over

active topics on social networks,” Information Processing & Management,

vol. 54, no. 2, pp. 339–357, 2018.

[13] A. K. Trikha, F. Zarrinkalam, and E. Bagheri, “Topic-Association Mining

for User Interest Detection,” in European Conference on Information

Retrieval. Springer, 2018, pp. 665–671.

[14] J. Wang, W. X. Zhao, Y. He, and X. Li, “Infer user interests via link

structure regularization,” ACM Transactions on Intelligent Systems and

Technology (TIST), vol. 5, no. 2, p. 23, 2014.

[15] S. Dhelim, H. Ning, M. A. Bouras, and J. Ma, “Cyber-

Enabled Human-Centric Smart Home Architecture,” in 2018 IEEE

SmartWorld). IEEE, oct 2018, pp. 1880–1886. [Online]. Available:

https://ieeexplore.ieee.org/document/8560294/

[16] S. Faralli, G. Stilo, and P. Velardi, “Automatic acquisition of a taxonomy

of microblogs users’ interests,” Web Semantics: Science, Services and

Agents on the World Wide Web, vol. 45, pp. 23–40, 2017.

[17] S. Dhelim, N. Aung, and H. Ning, “Mining user interest

based on personality-aware hybrid filtering in social networks,”

Knowledge-Based Systems, p. 106227, jul 2020. [Online]. Available:

https://linkinghub.elsevier.com/retrieve/pii/S0950705120304354

[18] J. Kang and H. Lee, “Modeling user interest in social media using news

media and wikipedia,” Information Systems, vol. 65, pp. 52–64, 2017.

[19] Qi Liu, Enhong Chen, Hui Xiong, C. H. Q. Ding, and Jian Chen,

“Enhancing Collaborative Filtering by User Interest Expansion via

Personalized Ranking,” IEEE Transactions on Systems, Man, and

Cybernetics, Part B (Cybernetics), vol. 42, no. 1, pp. 218–233, feb

2012. [Online]. Available: http://ieeexplore.ieee.org/document/6006538/

[20] Y. Dong, N. V. Chawla, and A. Swami, “metapath2vec:

Scalable Representation Learning for Heterogeneous Networks,”

in Proceedings of the 23rd ACM SIGKDD International Conference

on Knowledge Discovery and Data Mining. New York, NY,

USA: ACM, aug 2017, pp. 135–144. [Online]. Available:

https://dl.acm.org/doi/10.1145/3097983.3098036

[21] C. Shi, B. Hu, W. X. Zhao, and P. S. Yu, “Heterogeneous Information

Network Embedding for Recommendation,” IEEE Transactions on

Knowledge and Data Engineering, vol. 31, no. 2, pp. 357–370, feb 2019.

[Online]. Available: https://ieeexplore.ieee.org/document/8355676/

[22] M. Zhang and Y. Chen, “Link prediction based on graph neural networks,”

in Advances in Neural Information Processing Systems, 2018,

pp. 5165–5175.

[23] W. Song, Z. Xiao, Y. Wang, L. Charlin, M. Zhang, and

J. Tang, “Session-Based Social Recommendation via Dynamic

Graph Attention Networks,” in Proceedings of the Twelfth ACM

International Conference on Web Search and Data Mining. New

York, NY, USA: ACM, jan 2019, pp. 555–563. [Online]. Available:

https://dl.acm.org/doi/10.1145/3289600.3290989

[24] P. I. Armstrong and S. F. Anthoney, “Personality facets and

RIASEC interests: An integrated model,” Journal of Vocational

Behavior, vol. 75, no. 3, pp. 346–359, dec 2009. [Online]. Available:

https://linkinghub.elsevier.com/retrieve/pii/S0001879109000657

[25] U. Wolfradt and J. E. Pretz, “Individual differences in creativity: Personality,

story writing, and hobbies,” European Journal of Personality,

2001