

# Marko Tkalčič

## CURRICULUM VITAE

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## EDUCATION

- 2011            **PhD**, Computer Science/Electrical Engineering, University of Ljubljana, Slovenia
- 2003            **MSc**, Electrical Engineering, University of Ljubljana, Slovenia

## ACADEMIC APPOINTMENTS

- 2019-            **Associate Professor**, Computer Science, University of Primorska, Koper, Slovenia
- 2016-19        **Assistant Professor**, Computer Science, Free University of Bozen-Bolzano, Italy
- 2013-15        **Postdoctoral Researcher**, Computer Science, Johannes Kepler University, Linz, Austria
- 2011-12        **Postdoctoral Researcher**, Electrical Engineering, University of Ljubljana, Slovenia

## HABILITATIONS

- 2020            **Full Professor** (Professore di I. fascia - 01/B1 Informatica) in Italy (Abilitazione Scientifica Nazionale)
- 2020            **Full Professor** (Professore di I. fascia - 09/H1 Sistemi di elaborazione delle informazioni) in Italy (Abilitazione Scientifica Nazionale)
- 2019            **Associate Professor**, University of Primorska, Koper, Slovenia
- 2019            **Associate Professor** (Professore di II. fascia - 01/B1 Informatica) in Italy (Abilitazione Scientifica Nazionale)
- 2017            **Associate Professor** (Professore di II. fascia - 09/H1 Sistemi di elaborazione delle informazioni) in Italy (Abilitazione Scientifica Nazionale)

## PUBLICATIONS

### *Journal Papers*

- J15            Elahi, M., Kholgh, D. K., Kiarostami, M. S., Saghari, S., Rad, S. P., & **Tkalčič, M.** (2021). Investigating the impact of recommender systems on user-based and item-based popularity bias. *Information Processing & Management*, 58(5), 102655. <https://doi.org/10.1016/j.ipm.2021.102655>
- J14            Pesek, M., Medvešek, Š., Podlesek, A., **Tkalčič, M.**, & Marolt, M. (2020). A Comparison of Human and Computational Melody Prediction Through Familiarity and Expertise. *Frontiers in Psychology*, 11(December), 1–18. <https://doi.org/10.3389/fpsyg.2020.557398>
- J13            Ferwerda, B., Yang, E., Schedl, M., and **Tkalčič, M.**, (2019). Personality and taxonomy preferences, and the influence of category choice on the user experience for music streaming services. *Multimedia Tools and Applications*. <https://doi.org/10.1007/s11042-019-7336-7>
- J12            Schedl, M., Gomez, E., Trent, E., **Tkalčič, M.**, Eghbal-Zadeh, H., & Martorell, A. (2017). On the Interrelation between Listener Characteristics and the Perception of Emotions in Classical Orchestra Music. *IEEE Transactions on Affective Computing*, 1–1. <https://doi.org/10.1109/TAFFC.2017.2663421>
- J11            Vodlan, T., **Tkalčič, M.**, & Košir, A. (2015). The impact of hesitation, a social signal, on a user's quality of experience in multimedia content retrieval. *Multimedia Tools and Applications*, 74(17), 6871–6896. <https://doi.org/10.1007/s11042-014-1933-2>
- J10            **Tkalčič, M.**, Odić, A., Košir, A., & Tasič, J. (2013). Affective labeling in a content-based recommender system for images. *IEEE Transactions on Multimedia*, 15(2), 391–400. <https://doi.org/10.1109/TMM.2012.2229970>
- J9            Odić, A., **Tkalčič, M.**, Tasič, J. F., & Košir, A. (2013). Predicting and Detecting the Relevant Contextual

Information in a Movie-Recommender System. *Interacting with Computers*, 25(1), 74–90.  
<https://doi.org/10.1093/iwc/iws003>

- J8 **Tkalčič, M.**, Košir, A., & Tasič, J. (2013). The LDOS-PerAff-1 corpus of facial-expression video clips with affective, personality and user-interaction metadata. *Journal on Multimodal User Interfaces*, 7(1–2), 143–155. <https://doi.org/10.1007/s12193-012-0107-7>
- J7 Odić, A., **Tkalčič, M.**, Tasič, J. F., & Košir, A. (2013). Impact of the Context Relevancy on Ratings Prediction in a Movie-Recommender System. *Automatika – Journal for Control, Measurement, Electronics, Computing and Communications*, 54(2), 252–262. <https://doi.org/10.7305/automatika.54-2.258>
- J6 **Tkalčič, M.**, Odić, A., & Košir, A. (2013). The impact of weak ground truth and facial expressiveness on affect detection accuracy from time-continuous videos of facial expressions. *Information Sciences*, 249, 13–23. <https://doi.org/10.1016/j.ins.2013.06.006>
- J5 **Tkalčič, M.**, Košir, A., Dobravec, Š., & Tasič, J. (2011). Emotional properties of latent factors in an image recommender system. *Elektrotehniški Vestnik*, 78(4), 177–180. Retrieved from <http://ev.fe.uni-lj.si/1-2-2011/Tkalcic.pdf>
- J4 Košir, A., Odić, A., Kunaver, M., **Tkalčič, M.**, & Tasič, J. F. (2011). Database for contextual personalization. *Elektrotehniški Vestnik*, 78(5), 270–274. Retrieved from <http://ev.fe.uni-lj.si/5-2011/Kosir.pdf>
- J3 **Tkalčič, M.**, Kosir, A., & Tasic, J. (2011). Usage of affective computing in recommender systems. *Elektrotehniški Vestnik/Electrotechnical Review*, 78(1–2), 12–17. Retrieved from <http://ev.fe.uni-lj.si/1-2-2011/Tkalcic.pdf>
- J2 **Tkalčič, M.**, Burnik, U., & Košir, A. (2010). Using affective parameters in a content-based recommender system for images. *User Modelling and User-Adapted Interaction*, 20(4), 279–311.  
<https://doi.org/10.1007/s11257-010-9079-z>
- J1 Grbec, S., **Tkalčič, M.**, & Diaci, J. (2008). The influence of inertial loading on color gamut properties of a TFT LCD display. *Displays*, 29(1), 18–24. <https://doi.org/10.1016/j.displa.2007.06.008>

#### *Conference Papers*

- C33 Reiter-Haas, M., Parada-Cabaleiro, E., Schedl, M., Motamedi, E., **Tkalcic, M.**, & Lex, E. (2021). Predicting Music Relistening Behavior Using the ACT-R Framework. *Fifteenth ACM Conference on Recommender Systems*, 702–707. <https://doi.org/10.1145/3460231.3478846>
- C32 Najafian, S., Delic, A., **Tkalcic, M.**, & Tintarev, N. (2021). Factors Influencing Privacy Concern for Explanations of Group Recommendation. *Proceedings of the 29th ACM Conference on User Modeling, Adaptation and Personalization*, 14–23. <https://doi.org/10.1145/3450613.3456845>
- C31 Elahi, M., Bakhshandegan Moghaddam, F., Hosseini, R., Rimaz, M. H., El Ioini, N., **Tkalcic, M.**, Trattner, C., & Tillo, T. (2021). Recommending Videos in Cold Start With Automatic Visual Tags. *Adjunct Proceedings of the 29th ACM Conference on User Modeling, Adaptation and Personalization*, 54–60.  
<https://doi.org/10.1145/3450614.3461687>
- C30 Najafian, S., Draws, T., Barile, F., **Tkalcic, M.**, Yang, J., & Tintarev, N. (2021). Exploring User Concerns about Disclosing Location and Emotion Information in Group Recommendations. *Proceedings of the 32st ACM Conference on Hypertext and Social Media*, 155–164. <https://doi.org/10.1145/3465336.3475104>
- C29 Ferwerda, B., & **Tkalčič, M.** (2020). Exploring the Prediction of Personality Traits from Drug Consumption Profiles. *Adjunct Publication of the 28th ACM Conference on User Modeling, Adaptation and Personalization*, 2–5. <https://doi.org/10.1145/3386392.3397589>
- C28 Barile, F., Ricci, F., **Tkalcic, M.**, Magnini, B., Zanolli, R., Lavelli, A., & Speranza, M. (2019). A News Recommender System for Media Monitoring. *Web Intelligence 2019*.  
<https://doi.org/10.1145/3350546.3352510>
- C27 Rimaz, M. H., Elahi, M., Moghadam, F., Trattner, C., Hosseini, R., & **Tkalčič, M.** (2019). Exploring the Power of Visual Features for Recommendation of Movies. *UMAP 2019*.  
<https://doi.org/10.1145/3320435.3320470>
- C26 Ferwerda, B., & **Tkalčič, M.** (2019). Exploring Online Music Listening Behaviors of Musically Sophisticated Users. *UMAP 2019*, 1–5. <https://doi.org/10.1145/3314183.3324974>
- C25 **Tkalčič, M.**, Maleki, N., Pesek, M., Elahi, M., Ricci, F., & Marolt, M. (2019). Prediction of music pairwise preferences from facial expressions. In *Proceedings of the 24th International Conference on Intelligent User Interfaces - IUI '19* (pp. 150–159). New York, New York, USA: ACM Press.  
<https://doi.org/10.1145/3301275.3302266>
- C24 Ferwerda, B., **Tkalčič, M.**, Predicting Users' Personality from Instagram Pictures: Using Visual and/or Content Features?, In *UMAP '18: 26th Conference on User Modeling, Adaptation and Personalization*, July 8–11, 2018, Singapore, Singapore. ACM.

- C23 **Tkalčič, M.**, & Ferwerda, B. (2018). Eudaimonic Modeling of Moviegoers. In UMAP '18: 26th Conference on User Modeling, Adaptation and Personalization, July 8–11, 2018, Singapore, Singapore. ACM. <https://doi.org/10.1145/3209219.3209249>
- C22 Ferwerda, B., **Tkalčič, M.**, & Schedl, M. (2017). Personality Traits and Music Genres. In Proceedings of the 25th Conference on User Modeling, Adaptation and Personalization - UMAP '17 (pp. 285–288). New York, New York, USA: ACM Press. <https://doi.org/10.1145/3079628.3079693>
- C21 Ferwerda, B., Graus, M. P., Vall, A., **Tkalčič, M.**, & Schedl, M. (2017). How item discovery enabled by diversity leads to increased recommendation list attractiveness. In Proceedings of the Symposium on Applied Computing - SAC '17 (pp. 1693–1696). New York, New York, USA: ACM Press. <https://doi.org/10.1145/3019612.3019899>
- C20 Ferwerda, B., Schedl, M., & **Tkalčič, M.** (2016). Personality Traits and the Relationship with ( Non- ) Disclosure Behavior on Facebook. WWW'16 Companion. <https://doi.org/10.1145/2872518.2890085>
- C19 Ferwerda, B., Schedl, M., & **Tkalčič, M.** (2016). Using Instagram Picture Features to Predict Users' Personality. In Q. Tian, N. Sebe, G.-J. Qi, B. Huet, R. Hong, & X. Liu (Eds.), Multimedia Modeling (22nd International Conference, MMM 2016, Miami, FL, USA, January 4-6, 2016, Proceedings, Part I) (Vol. 9516, pp. 850–861). Cham: Springer International Publishing. [https://doi.org/10.1007/978-3-319-27671-7\\_71](https://doi.org/10.1007/978-3-319-27671-7_71)
- C18 Schedl, M., Hauger, D., **Tkalčič, M.**, Melenhorst, M., & Liem, C. C. S. (2016). A dataset of multimedia material about classical music: PHENICX-SMM. In 2016 14th International Workshop on Content-Based Multimedia Indexing (CBMI) (pp. 1–4). IEEE. <https://doi.org/10.1109/CBMI.2016.7500240>
- C17 Kalloori, S., Ricci, F., & **Tkalčič, M.**, (2016). Pairwise Preferences Based Matrix Factorization and Nearest Neighbor Recommendation Techniques. Proceedings of the 10th ACM Conference on Recommender Systems - RecSys '16, 143–146. <https://doi.org/10.1145/2959100.2959142>
- C16 Schedl, M., Eghbal-zadeh, H., Gomez, E., & **Tkalčič, M.** (2016). An Analysis of Agreement in Classical Music Perception and its Relationship to Listener Characteristics. In Proceedings of the 17th ISMIR Conference, New York City, USA, August 7-11, 2016 (pp. 578–583).
- C15 Ferwerda, B., Vall, A., **Tkalčič, M.**, & Schedl, M. (2016). Exploring Music Diversity Needs Across Countries. In Proceedings of the 2016 Conference on User Modeling Adaptation and Personalization - UMAP '16 (pp. 287–288). New York, New York, USA: ACM Press. <https://doi.org/10.1145/2930238.2930262>
- C14 Skowron, M., Ferwerda, B., **Tkalčič, M.**, & Schedl, M. (2016). Fusing Social Media Cues : Personality Prediction from Twitter and Instagram. WWW'16 Companion, 2–3. <https://doi.org/10.1145/2872518.2889368>
- C13 Motajcsek, T., Dobrajs, K., Garzotto, F., Göker, A., Hopfgartner, F., Malagoli, D., **Tkalčič, M.**, ... Demetriou, A. (2016). Algorithms Aside. In Proceedings of the 10th ACM Conference on Recommender Systems - RecSys '16 (pp. 215–219). New York, New York, USA: ACM Press. <https://doi.org/10.1145/2959100.2959164>
- C12 Schedl, M., Melenhorst, M., Liem, C. C. S., Martorell, A., Mayor, Ó., **Tkalčič, M.**, (2016). A Personality-based Adaptive System for Visualizing Classical Music Performances. In Proceedings of the 7th International Conference on Multimedia Systems - MMSys '16 (pp. 1–7). New York, New York, USA: ACM Press. <https://doi.org/10.1145/2910017.2910604>
- C11 **Tkalčič, M.**, Ferwerda, B., Hauger, D., & Schedl, M. (2015). Personality Correlates for Digital Concert Program Notes. In UMAP 2015, Lecture Notes On Computer Science 9146 (Vol. 9146, pp. 364–369). [https://doi.org/10.1007/978-3-319-20267-9\\_32](https://doi.org/10.1007/978-3-319-20267-9_32)
- C10 Ferwerda, B., Yang, E., Schedl, M., & **Tkalčič, M.** (2015). Personality Traits Predict Music Taxonomy Preferences. In Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems - CHI EA '15 (pp. 2241–2246). <https://doi.org/10.1145/2702613.2732754>
- C9 Schedl, M., Hauger, D., Farrahi, K., & **Tkalčič, M.** (2015). On the Influence of User Characteristics on Music Recommendation Algorithms. In A. Hanbury, G. Kazai, A. Rauber, & N. Fuhr (Eds.), ECIR 2016, Advances in Information Retrieval Lecture Notes in Computer Science (Vol. 9022, pp. 339–345). Springer. [https://doi.org/10.1007/978-3-319-16354-3\\_37](https://doi.org/10.1007/978-3-319-16354-3_37)
- C8 Ferwerda, B., Schedl, M., & **Tkalčič, M.** (2015). Personality & Emotional States : Understanding Users ' Music Listening Needs. In A. Cristea, J. Masthoff, A. Said, & N. Tintarev (Eds.), UMAP 2015 Extended Proceedings. Retrieved from <http://ceur-ws.org/Vol-1388/>
- C7 Farrahi, K., Schedl, M., Vall, A., Hauger, D., & **Tkalčič, M.** (2014). Impact of Listening Behavior on Music Recommendation. In ISMIR 2014. Retrieved from [http://www.cp.jku.at/people/schedl/Research/Publications/pdf/farrahi\\_ismir\\_2014.pdf](http://www.cp.jku.at/people/schedl/Research/Publications/pdf/farrahi_ismir_2014.pdf)
- C6 Ferwerda, B., Schedl, M., & **Tkalčič, M.** (2014). To Post or Not to Post : The Effects of Persuasive Cues and Group Targeting Mechanisms on Posting Behavior. In 2014 ASE BIGDATA/SOCIALCOM/CYBERSECURITY Conference, Stanford University, May 27-31, 2014. Retrieved from [http://www.cp.jku.at/research/papers/Ferwerda\\_etal\\_SocialCom\\_2014.pdf](http://www.cp.jku.at/research/papers/Ferwerda_etal_SocialCom_2014.pdf)
- C5 Elahi, M., Braunhofer, M., Ricci, F., & **Tkalčič, M.** (2013). Personality-based active learning for collaborative

- filtering recommender systems. In M. Baldoni, C. Baroglio, G. Boella, & O. Micalizio (Eds.), *AIxIA 2013: Advances in Artificial Intelligence* (pp. 360–371). [https://doi.org/10.1007/978-3-319-03524-6\\_31](https://doi.org/10.1007/978-3-319-03524-6_31)
- C4 Hauger, D., Schedl, M., Košir, A., & **Tkalčič, M.** (2013). The Million Musical Tweet Dataset: What We Can Learn From Microblogs. In *ISMIR 2013*. Retrieved from [http://www.cp.jku.at/people/schedl/Research/Publications/pdf/hauger\\_ismir\\_2013.pdf](http://www.cp.jku.at/people/schedl/Research/Publications/pdf/hauger_ismir_2013.pdf)
- C3 **Tkalčič, M.**, Burnik, U., Odić, A., Košir, A., & Tasič, J. F. (2013). Emotion-Aware Recommender Systems—A Framework and a Case Study. In S. Markovski & M. Gusev (Eds.), *ICT Innovations 2012 Advances in Intelligent Systems and Computing* (Vol. 207, pp. 141–150). Berlin, Heidelberg: Springer Berlin Heidelberg. [https://doi.org/10.1007/978-3-642-37169-1\\_14](https://doi.org/10.1007/978-3-642-37169-1_14)
- C2 **Tkalčič, M.**, Odić, A., Košir, A., & Tasič, J. (2012). Exploiting implicit affective labeling for image recommendations. In J. Wang, J. del R. Millán, & S. Cho (Eds.), *Conference Proceedings - IEEE International Conference on Systems, Man and Cybernetics* (pp. 3321–3326). <https://doi.org/10.1109/ICSMC.2012.6378304>
- C1 **Tkalčič, M.**, & Tasic, J. F. (2003). Colour spaces: perceptual, historical and applicational background. In B. Zajc & M. Tkalčič (Eds.), *The IEEE Region 8 EUROCON 2003. Computer as a Tool*. (Vol. 1, pp. 304–308). *Proceedings of the IEEE Region 8 EUROCON 2003. Computer as a Tool*. <https://doi.org/10.1109/EURCON.2003.1248032>

#### *Demos*

- D2 **Tkalčič, M.**, Maleki, N., Pesek, M., Elahi, M., Ricci, F., & Pesek, M. (n.d.). A Research Tool for User Preferences Elicitation with Facial Expressions. In *ACM RecSys 2017 Demo* (pp. 1–2). <https://doi.org/10.1145/3109859.3109978>
- D1 **Tkalčič, M.**, Schedl, M., Liem, C. C. S. S., & Melenhorst, M. S. (2016). Personalized Retrieval and Browsing of Classical Music and Supporting Multimedia Material. In *Proceedings of the 2016 ACM on International Conference on Multimedia Retrieval - ICMR '16* (pp. 393–396). New York, New York, USA: ACM Press. <https://doi.org/10.1145/2911996.2912023>

#### *Workshop Papers*

- W23 Barile, F., Ricci, F., **Tkalcic, M.**, Magnini, B., Zanoli, R., Lavelli, A., & Speranza, M. (2019). Media Monitoring using News Recommenders. *IIR 2019*, September 16–18, 2019, Padova, Italy.
- W22 Moghaddam, F. B., Elahi, M., Hosseini, R., Trattner, C., & **Tkalcic, M.** (2019). Predicting Movie Popularity and Ratings with Visual Features. *2019 14th International Workshop on Semantic and Social Media Adaptation and Personalization (SMAP)*, 1–6. <https://doi.org/10.1109/SMAP.2019.8864912>
- W21 **Tkalcic, M.**, & Ferwerda, B. (2018). Theory-driven Recommendations : Modeling Hedonic and Eudaimonic Movie Preferences. In N. Tonello, L. Becchetti, & M. Tkalcic (Eds.), *Proceedings of the 9th Italian Information Retrieval Workshop* (pp. 1–5).
- W20 Ferwerda, B., & **Tkalčič, M.** (2018). You Are What You Post : What the Content of Instagram Pictures Tells About Users ' Personality. In *Joint Proceedings of the ACM IUI 2018 Workshops*.
- W19 Ferwerda, B., **Tkalčič, M.**, & Schedl, M. (2017). Personality Traits and Music Genre Preferences: How Music Taste Vary Over Age Groups. In *RecTemp Workshop in conjunction with Recsys 2017*, Como, Italy
- W18 Ferwerda, B., Graus, M., & Schedl, M. & **Tkalčič, M.** (2016). The Influence of Users ' Personality Traits on Satisfaction and Attractiveness of Diversified Recommendation Lists. In M. Tkalčič, B. De Carolis, M. de Gemmis, & A. Košir (Eds.), *Proceedings of the 4th Workshop on Emotions and Personality in Personalized Systems co-located with ACM Conference on Recommender Systems (RecSys 2016)*. Boston, MA. Retrieved from <http://ceur-ws.org/Vol-1680/>
- W17 Knees, P., Andersen, K., & **Tkalčič, M.** (2015). "I'd like it to do the opposite": Music-Making Between Recommendation and Obstruction. In M. Ge & F. Ricci (Eds.), *Proceedings of the 2nd International Workshop on Decision Making and Recommender Systems* (pp. 1–7).
- W16 Ferwerda, B., Schedl, M., & **Tkalčič, M.** (2015). Predicting Personality Traits with Instagram Pictures. In M. Tkalčič, B. De Carolis, M. de Gemmis, A. Odić, & A. Košir (Eds.), *Proceedings of the 3rd Workshop on Emotions and Personality in Personalized Systems 2015 - EMPIRE '15* (pp. 7–10). New York, New York, USA: ACM Press. <https://doi.org/10.1145/2809643.2809644>
- W15 Schedl, M., & **Tkalčič, M.** (2014). Genre-based Analysis of Social Media Data on Music Listening Behavior. In R. Zimmerman & Y. Yu (Eds.), *Proceedings of the First International Workshop on Internet-Scale Multimedia Management - WISMM '14* (pp. 9–13). New York, New York, USA: ACM Press. <https://doi.org/10.1145/2661714.2661717>
- W14 **Tkalčič, M.**, de Gemmis, M., & Semeraro, G. (2014). Personality and Emotions in Decision Making and Recommender Systems. In M. Ge & F. Ricci (Eds.), *Proceedings of the First International Workshop on*

- Decision Making and Recommender Systems (DMRS2014) Bolzano, Italy, September 18-19, 2014. Retrieved from <http://ceur-ws.org/Vol-1278/paper3.pdf>
- W13 Košir, A., Odić, A., **Tkalčić, M.**, & Svetina, M. (2014). Human decisions in user modeling : motivation , procedure and example application. In I. Cantador, M. Chi, R. Farzan, & R. Jäschke (Eds.), UMAP 2014 Extended Proceedings. Retrieved from [http://ceur-ws.org/Vol-1181/empire2014\\_paper\\_03.pdf](http://ceur-ws.org/Vol-1181/empire2014_paper_03.pdf)
- W12 **Tkalčić, M.**, Ferwerda, B., Schedl, M., Liem, C., Melenhorst, M., Odić, A., & Košir, A. (2014). Using social media mining for estimating theory of planned behaviour parameters. In I. Cantador, M. Chi, R. Farzan, & R. Jäschke (Eds.), UMAP 2014 Extended Proceedings (Vol. 1181). Retrieved from [http://ceur-ws.org/Vol-1181/empire2014\\_paper\\_06.pdf](http://ceur-ws.org/Vol-1181/empire2014_paper_06.pdf)
- W11 Vodlan, T., **Tkalčić, M.**, & Kosir, A. (2013). The Role of Social Signals in Telecommunication : Experimental Design. In S. Berkovsky, E. Herder, P. Lops, & O. C. Santos (Eds.), UMAP 2013 Extended Proceedings. Retrieved from [http://ceur-ws.org/Vol-997/empire2013\\_paper\\_6.pdf](http://ceur-ws.org/Vol-997/empire2013_paper_6.pdf)
- W10 Košir, A., Odić, A., & **Tkalčić, M.** (2013). How to improve the statistical power of the 10-fold cross validation scheme in recommender systems. In A. Bellogín, P. Castells, A. Said, & D. Tikk (Eds.), Proceedings of the International Workshop on Reproducibility and Replication in Recommender Systems Evaluation - RepSys '13 (pp. 3–6). New York, New York, USA: ACM Press. <https://doi.org/10.1145/2532508.2532510>
- W9 Odić, A., **Tkalčić, M.**, & Košir, A. (2013). Managing Irrelevant Contextual Categories in a Movie Recommender System. In L. Chen, M. de Gemmis, A. Felfernig, P. Lops, F. Ricci, G. Semeraro, & M. Willemsen (Eds.), RecSys'13 Workshop on Human Decision Making in Recommender Systems, 2013, Hong Kong. Retrieved from <http://ceur-ws.org/Vol-1050/paper5.pdf>
- W8 Odić, A., **Tkalčić, M.**, Tasič, J. F., & Košir, A. (2013). Personality and Social Context : Impact on Emotion Induction from Movies. In S. Berkovsky, E. Herder, P. Lops, & O. C. Santos (Eds.), UMAP 2013 Extended Proceedings. Retrieved from [http://ceur-ws.org/Vol-997/empire2013\\_paper\\_5.pdf](http://ceur-ws.org/Vol-997/empire2013_paper_5.pdf)
- W7 Odić, A., **Tkalčić, M.**, Tasič, J. F., & Košir, A. (2012). Relevant Context in a Movie Recommender System : Users ' Opinion vs . Statistical Detection. In G. Adomavicius, L. Baltrunas, E. W. de Luca, T. Hussein, & A. Tuzhilin (Eds.), Proceedings of the 4th Workshop on Context-Aware Recommender Systems in conjunction with the 6th ACM Conference on Recommender Systems (RecSys 2012). Retrieved from <http://ceur-ws.org/Vol-889/paper2.pdf>
- W6 **Tkalčić, M.**, Kunaver, M., Košir, A., & Tasič, J. (2011). Addressing the new user problem with a personality based user similarity measure. In F. Ricci, G. Semeraro, M. de Gemmis, P. Lops, J. Masthoff, F. Grasso, & J. Ham (Eds.), Joint Proceedings of the Workshop on Decision Making and Recommendation Acceptance Issues in Recommender Systems (DEMRA 2011) and the 2nd Workshop on User Models for Motivational Systems: The affective and the rational routes to persuasion (UMMS 2011). Retrieved from [http://ceur-ws.org/Vol-740/DEMRA\\_UMMS\\_2011\\_proceedings.pdf#page=106](http://ceur-ws.org/Vol-740/DEMRA_UMMS_2011_proceedings.pdf#page=106)
- W5 **Tkalčić, M.**, Odić, A., Košir, A., & Tasič, J. (2011). Impact of Implicit and Explicit Affective Labeling on a Recommender System's Performance. Joint Proceedings of the Workshop on Decision Making and Recommendation Acceptance Issues in Recommender Systems (DEMRA 2011) and the 2nd Workshop on User Models for Motivational Systems: The Affective and the Rational Routes to Persuasion (UMMS 2011), 112. Retrieved from [http://ceur-ws.org/Vol-740/UMMS2011\\_paper7.pdf](http://ceur-ws.org/Vol-740/UMMS2011_paper7.pdf)
- W4 **Tkalčić, M.**, Košir, A., Tasič, J., & Kunaver, M. (2011). Affective recommender systems: the role of emotions in recommender systems. In A. Felfernig, L. Chen, M. Mandl, M. Willemsen, D. Bollen, & M. Ekstrand (Eds.), Joint proceedings of the RecSys 2011 Workshop on Human Decision Making in Recommender Systems (Decisions@RecSys'11) and User-Centric Evaluation of Recommender Systems and Their Interfaces-2 (UCERSTI 2) affiliated with the 5th ACM Conference on Recommender (pp. 9–13). Retrieved from <http://ceur-ws.org/Vol-811/paper2.pdf>
- W3 **Tkalčić, M.**, Tasič, J., & Košir, A. (2009). The LDOS-PerAff-1 Corpus of Face Video Clips with Affective and Personality Metadata. In M. Kipp, J.-C. Martin, P. Paggio, & D. Heylen (Eds.), Proceedings of Multimodal Corpora: Advances in Capturing, Coding and Analyzing Multimodality (Malta, 2010), LREC (p. 111). Retrieved from <http://embots.dfki.de/doc/MMC2010-Proceedings.pdf>
- W2 **Tkalčić, M.**, Kunaver, M., Tasič, J., & Košir, A. (2009). Personality Based User Similarity Measure for a Collaborative Recommender System. In C. Peter, E. Crane, L. Axelrod, H. Agius, S. Afzal, & M. Balaam (Eds.), 5th Workshop on Emotion in Human-Computer Interaction-Real World Challenges (p. 30). Retrieved from <http://publica.fraunhofer.de/documents/N-113443.html>
- W1 **Tkalčić, M.**, Tasič, J. F., & Košir, A. (2009). Emotive and Personality Parameters in Multimedia Recommender Systems. In A. Vinciarelli, C. Pelachaud, R. Cowie, & A. Nijholt (Eds.), Affective Computing and Intelligent Interaction Proceedings of the Doctoral Consortium 2009 (1st ed., p. 33). CTIT Workshop Proceedings Series WP09-13. Retrieved from <http://www.utwente.nl/ctit/library/proceedings/wp0913.pdf>

- B18 Masthoff, J., Herder, E., Tintarev, N., & **Tkalčič, M.** (2021). UMAP '21: Proceedings of the 29th ACM Conference on User Modeling, Adaptation and Personalization. Association for Computing Machinery.
- B17 Masthoff, J., Herder, E., Tintarev, N., & **Tkalčič, M.** (2021). UMAP '21: Adjunct Proceedings of the 29th ACM Conference on User Modeling, Adaptation and Personalization. Association for Computing Machinery.
- B16 Delić, A., Nguyen, T. N., & **Tkalčič, M.** (2020). Group Decision-Making and Designing Group Recommender Systems. In Handbook of e-Tourism (pp. 1–23). Springer International Publishing. [https://doi.org/10.1007/978-3-030-05324-6\\_57-1](https://doi.org/10.1007/978-3-030-05324-6_57-1)
- B15 **Tkalčič, M.**, Pera S., Proceedings of ACM RecSys 2019 Late-breaking Results (ACM RecSys LBR 2019), Copenhagen, Denmark, September 16-20, 2019. <http://ceur-ws.org/Vol-2431/>
- B14 Tonello, N., Becchetti, L., **Tkalčič, M.**, Proceedings of the 9th Italian Information Retrieval Workshop (IIR 2018), Rome, Italy, May, 28-30, 2018. <http://ceur-ws.org/Vol-2140/>
- B13 Felfernig, A., Boratto, L., Stettinger, M., & **Tkalčič, M.** (2018). Group Recommender Systems. Springer International Publishing. <https://doi.org/10.1007/978-3-319-75067-5>
- B12 **Tkalčič, M.**, Delić, A., & Felfernig, A. (2018). Personality, Emotions, and Group Dynamics. In A. Felfernig, L. Boratto, Martin Stettinger, & M. Tkalčič (Eds.), Group Recommender Systems An Introduction (pp. 157–167). [https://doi.org/10.1007/978-3-319-75067-5\\_9](https://doi.org/10.1007/978-3-319-75067-5_9)
- B11 **Tkalčič, M.** (2017). Emotions and Personality in Recommender Systems. In Encyclopedia of Social Network Analysis and Mining (2nd ed., pp. 1–9). Springer New York. [https://doi.org/10.1007/978-1-4614-7163-9\\_110161-1](https://doi.org/10.1007/978-1-4614-7163-9_110161-1)
- B10 **Tkalčič, M.**, Thakker, D., Germanakos, P., Yacef, K., Paris, C., & Santos, O. (Eds.). (2017). Adjunct Publication of the 25th Conference on User Modeling, Adaptation and Personalization. ACM New York, NY, USA. Retrieved from <http://dl.acm.org/citation.cfm?id=3099023>
- B9 Odić, A., Košir, A., & **Tkalčič, M.** (2016). Affective and Personality Corpora. In M. Tkalčič, B. De Carolis, M. de Gemmis, A. Odić, & A. Košir (Eds.), Emotions and Personality in Personalized Services (pp. 163–178). Springer. [https://doi.org/10.1007/978-3-319-31413-6\\_9](https://doi.org/10.1007/978-3-319-31413-6_9)
- B8 **Tkalčič, M.**, De Carolis, B., de Gemmis, M., Odić, A., & Košir, A. (2016). Introduction to Emotions and Personality in Personalized Systems. In M. Tkalčič, B. De Carolis, M. de Gemmis, A. Odić, & A. Košir (Eds.), Emotions and Personality in Personalized Services (pp. 3–11). Springer. [https://doi.org/10.1007/978-3-319-31413-6\\_1](https://doi.org/10.1007/978-3-319-31413-6_1)
- B7 **Tkalčič, M.**, Carolis, B. De, Gemmis, M. de, Odić, A., & Košir, A. (Eds.). (2016). Emotions and Personality in Personalized Services. Springer International Publishing. <https://doi.org/10.1007/978-3-319-31413-6>
- B6 **Tkalčič, M.**, De Carolis, B., de Gemmis, M., Odić, A., & Košir, A. (2016). Proceedings of the 4th Workshop on Emotions and Personality in Personalized Systems (EMPIRE 2016), Boston, MA, USA, September 16, 2016. <http://ceur-ws.org/Vol-1680/>
- B5 **Tkalčič, M.**, & Chen, L. (2015). Personality and Recommender Systems. In F. Ricci, L. Rokach, & B. Shapira (Eds.), Recommender Systems Handbook (2nd ed., Vol. 54, pp. 715–739). Boston, MA: Springer US. [https://doi.org/10.1007/978-1-4899-7637-6\\_21](https://doi.org/10.1007/978-1-4899-7637-6_21)
- B4 **Tkalčič, M.**, De Carolis, B., de Gemmis, M., Odić, A., & Košir, A. (2015). Proceedings of the 3rd Workshop on Emotions and Personality in Personalized Systems 2015, <http://dl.acm.org/citation.cfm?id=2809643&preflayout=flat#source>
- B3 **Tkalčič, M.**, Tasič, J. F., & Košir, A. (2012). The Need for Affective Metadata in Content-Based Recommender Systems for Images. In M. Maybury (Ed.), Multimedia Information Extraction: Advances in Video, Audio, and Imagery Analysis for Search, Data Mining, Surveillance, and Authoring. Wiley - IEEE Computer Society Press. <https://doi.org/10.1002/9781118219546.ch19>
- B2 **Tkalčič, M.**, Košir, A., & Tasič, J. F. (2011). Emotive and personality parameters in recommender systems: Recognition and usage of user-centric data for user and item modeling in content retrieval systems. LAP LAMBERT Academic Publishing.
- B1 **Tkalčič, M.**, & Pogačnik, M. (2006). Tourist Adapted Destination Selection. In R. Ovsenik & I. Kiereta (Eds.), Destination Management (pp. 195–209). Peter Lang. Retrieved from <http://www.peterlang.de/index.cfm?event=cmp.ccc.seitenstruktur.detailseiten&seitentyp=produkt&pk=39292&CFID=200073&CFTOKEN=50206>

#### Other

- O4 Ferwerda, B., Chen, L., & **Tkalčič, M.** (2021). Editorial: Psychological Models for Personalized Human-Computer Interaction (HCI). *Frontiers in Psychology*, 12, 673092. <https://doi.org/10.3389/fpsyg.2021.673092>
- O3 **Tkalčič, M.**, Schedl, M., & Knees, P. (2020). Preface to the Special Issue on user modeling for personalized interaction with music. *User Modeling and User-Adapted Interaction*, 0123456789, 1–4.

<https://doi.org/10.1007/s11257-020-09264-6>

- O2 **Tkalčič, M.**, Quercia, D., & Graf, S. (2016). Preface to the special issue on personality in personalized systems. *User Modeling and User-Adapted Interaction*, 26(2–3), 103–107. <https://doi.org/10.1007/s11257-016-9175-9> (non peer reviewed)
- O1 Gemmis, M. de, Carolis, N. De, Košir, A., & **Tkalčič, M.** (2016). Emotions and Personality in Personalized Systems. *Interaction Design and Architecture(s) Journal - IxD&A*, 28, 105–109. (non peer reviewed)

#### INVITED TALKS

- 2021 Invited talk at the **University of Bergen**, Norway within the Media Futures project, *Computational Psychology in Recommender Systems*, 8. June 2021, <https://mediafutures.no/event/seminar-computational-psychology-in-recommender-systems-marko-tkalcic-university-of-primorska-slovenia/>
- 2020 Keynote talk at the **ISMIS 2020 conference**, *Complementing Behavioural Modeling with Cognitive Modeling for Better Recommendations*. In *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*: Vol. 12117 LNAI (pp. 3–8). [https://doi.org/10.1007/978-3-030-59491-6\\_1](https://doi.org/10.1007/978-3-030-59491-6_1)
- 2020 Invited talk at **Durham University**, UK, *Emotions and Personality for Better Recommendations*, 9. March 2020
- 2020 Invited talk at the **Graz University of Technology**, Austria, 27. February 2020
- 2019 Keynote talk at the **AI Journey** conference in Moscow, Russia, *From Behavioural to Cognitive Modeling in Recommender Systems*, <https://ai-journey.ru/en/conference-moscow/science-day-program>
- 2019 Invited talk at the **Robert Bosch GmbH Center for Research and Development**, Stuttgart, Germany 19. February 2019
- 2017 Invited talk at the **Alpen-Adria-Universität Klagenfurt**, Austria, *Affective Personalization - from Psychology to Algorithms*, 21. December 2017, <https://www.ftf.or.at/2017/12/affective-personalization-from-psychology-to-algorithms/>
- 2017 Invited talk at the **Jonkoping University**, Sweden, *Bridging computer-science and psychological models for personalization* 5. October 2017
- 2017 Invited talk at the **Vienna University of Technology**, Austria *Psychologically-driven Personalization*, 10. April 2017
- 2016 Invited talk at the **University in Ljubljana**, Slovenia Faculty of Computer Science: *Psychologically-driven Personalization*, <https://www.fri.uni-lj.si/en/news/article/fri-piskot-seminar-Tkalcic-psychologically-driven-personalization>, 22. December 2016
- 2016 Invited talk at the **Johannes Kepler University**, Linz, Austria: *Learning from User-generated Data*, 21. June 2016
- 2015 Invited talk at the **Brain Week 2015** conference, Ljubljana: *Tell me what you like and I tell you who you are: social media, personality and emotions*, 18. March 2015, <http://www.sinapsa.org/tm/program/2015-03-18/Ljubljana>
- 2015 Invited talk at the **Graz University of Technology**, Austria, *Affect- and Personality-based Recommendations*, 26. January 2015, [http://ase.ist.tugraz.at/ASE/?page\\_id=224](http://ase.ist.tugraz.at/ASE/?page_id=224)
- 2014 Invited talk at the **International Workshop on Decision Making and Recommender Systems 2014**, Bolzano, Italy: *Decision Making, Personality and Emotions* (with Giovanni Semeraro and Marco de Gemmis), 18. September 2014, <http://dmrsworkshop.inf.unibz.it/2014/>
- 2013 Invited talk at the **Johannes Kepler University** Linz, Austria, *Emotions, personality and recommender systems*, Department of Computational Perception, 12. February, 2013
- 2012 Invited talk at the **Conference of Cognitive Sciences – Information Society 2012: Automatic Detection of Emotions**, 8-12. October, 2012, Jožef Stefan Institute, Ljubljana, Slovenia <http://is.ijs.si/is/is2012/konference/Kognitivna/KZ-IS-2012-ENG.pdf>
- 2012 Invited talk at the **Free University of Bolzano**, Italy: *Affect in recommender systems*. Bolzano: Libera Università, 4. September 2012 [https://www.inf.unibz.it/dis/wp/?page\\_id=100#Tkalcic](https://www.inf.unibz.it/dis/wp/?page_id=100#Tkalcic)

#### AWARDS

- 2021 Top-2% cited researcher according to the *Stanford List* (<https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3>)
- 2020 Best Reviewer Award at ISMIR 2020 (<https://www.ismir2020.net/awards/>)

#### SCIENTIFIC COMMUNITY ACTIVITIES

### *Editorial Board Member, Guest Editor*

- 2021 Guest Editor of the special issue on *Group Recommender Systems* in Springer **User Modeling and User-Adapted Interaction (UMUAI)** <https://ludovicoboratto.github.io/umuaignrouprecsys/>
- 2021 Associate Editor of the *Human-Media Interaction* section as part of the journals **Frontiers in Psychology** and **Frontiers in Computer Science** <https://loop.frontiersin.org/people/238886/overview>
- 2021 Guest Editor of the Research Topic *User Modeling and Recommendations* in the **Frontiers in Big Data** and **Frontiers in Artificial Intelligence** journals <https://www.frontiersin.org/research-topics/19653/user-modeling-and-recommendations>
- 2020 Guest Editor of the special issue *Advanced Theories and Algorithms for Next-Generation Recommender Systems* in the **SN Computer Science** journal <https://resource-cms.springernature.com/springer-cms/rest/v1/content/18491852/data/v6>
- 2019 Guest Associate Editor for the **Frontiers in Psychology** Human-Media Interaction Research Topic Psychological Models for Personalized Human-Computer Interaction (HCI) <https://www.frontiersin.org/research-topics/11465/psychological-models-for-personalized-human-computer-interaction-hci>
- 2019 Guest editor of the Special Issue *Algorithms for Personalization Techniques and Recommender Systems* in **MDPI Algorithms** [https://www.mdpi.com/journal/algorithms/special\\_issues/Algorithms\\_Recommender\\_Systems](https://www.mdpi.com/journal/algorithms/special_issues/Algorithms_Recommender_Systems)
- 2018 Guest Editor of the Special Issue on *User Modeling for Personalized Interaction with Music* in Springer **User Modeling and User-Adapted Interaction (UMUAI)** [http://www.cp.jku.at/journals/umuai\\_si\\_music.html](http://www.cp.jku.at/journals/umuai_si_music.html)
- 2018 Member of the editorial board of the Springer **User Modeling and User-Adapted Interaction (UMUAI)** journal
- 2016 Guest editor of the Special Issue “Advances in Affect- and Personality-based Personalized Systems” in the **MDPI Computers** journal [http://www.mdpi.com/journal/computers/special\\_issues/selected\\_papers\\_EMPIRE\\_2016](http://www.mdpi.com/journal/computers/special_issues/selected_papers_EMPIRE_2016)
- 2016 Guest Associate Editor for the **Frontiers in Psychology** Human-Media Interaction Research Topic Socially-aware communication services <http://journal.frontiersin.org/researchtopic/4334/socially-aware-communication-services>
- 2015 Guest editor of the focus section in the **Interaction Design and Architecture (s)** Journal <http://www.mifav.uniroma2.it/inevent/events/idea2010/index.php?s=102&link=call28fs>
- 2014 Guest Editor of the Special issue on Personality in Personalized Systems in Springer **User Modeling and User-Adapted Interaction (UMUAI)** [http://www.cp.jku.at/people/tkalcic/umuai\\_personality.html](http://www.cp.jku.at/people/tkalcic/umuai_personality.html)

### *Reviewer for Journals*

- ACM Transactions on Intelligent Systems and Technology
- ACM Transactions on Internet Technology
- ACM Transactions on Knowledge Discovery from Data
- ACM Transactions on Multimedia Computing, Communications, and Applications
- ACM Transactions on the Web
- ACM Transactions on Interactive Intelligent Systems
- Elsevier Computer Communications
- Elsevier Information Processing & Management
- Elsevier Information Sciences
- Elsevier Information Systems
- Elsevier International Journal of Human-Computer Studies
- Elsevier Technology in Society
- Emerald Online Information Review
- Frontiers in Computer Science
- Frontiers in Psychology
- IEEE Multimedia
- IEEE Transactions on Affective Computing
- IEEE Transactions on Circuits and Systems for Video Technology
- IEEE Transactions on Multimedia
- Journal of Artificial Intelligence Research
- MDPI Computers
- Springer Behavior Research Methods
- Springer Electronic Commerce Research
- Springer Information Technology & Tourism
- Springer User Modeling and User Adapted Interaction
- Taylor and Francis Behaviour & Information Technology



- Taylor and Francis International Journal of Human–Computer Interaction
- Transactions of the International Society for Music Information Retrieval

### **Tutorials and Summer Schools**

2018	ACM RecSys 2018, Vancouver: Tutorial <i>Emotions and Personality in Recommender Systems</i>
2017	ACM Summer School on Recommender Systems, Bozen-Bolzano, 21-25 August 2017 <i>Affect and Personality-Based RS</i>

### **Conference Organization**

2022	ACM UMAP 2022, <i>Intelligent User Interfaces Track chair</i>
2022	ICWE 2022, <i>Posters and Demo Chair</i>
2021	ACM UMAP 2021, <i>Program Chair</i>
2020	The Web Conference 2020, <i>Session Chair, User Modeling</i>
2019	ACM UMAP 2019, <i>Chair of Recommender Systems Track</i>
2019	ACM RecSys 2019, <i>Demos and Posters co-chair</i>
2019	ACM IUI 2019, <i>Session Chair, Affective &amp; Aesthetic UIs</i>
2018	ACM UMAP 2018, <i>Workshops and Tutorials co-chair</i>
2017	ACM RecSys 2017, <i>Workshops co-chair</i>
2017	ACM UMAP 2017, <i>Late-breaking Results, Theory, Opinion and Reflection, and Demo co-chair</i>
2013	UMAP 2013, <i>Session Chair</i>

### **Program Committee Member/Conference Reviewer**

- AAAI (2015)
- ACII (2017, 2019, 2021)
- ACM CIKM (2016, 2020)
- ACM CHI (2020)
- ACM HT (2017)
- ACM IUI (2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022)
- ACM Multimedia (2015, 2016, 2017, 2018, 2019, 2020)
- ACM RecSys (2017, 2018, 2019, 2020, 2021)
- ACM SAC (2017, 2018, 2019, 2020, 2021, 2022)
- ACM TVX (2014, 2017)
- ACM UMAP (2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022)
- ECIR (2014, 2015, 2016, 2017, 2018, 2019)
- ENTER (2018, 2019, 2021)
- IJCAI (2019, 2020)
- ISMIR (2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021)
- KDD (2017, 2018, 2019)
- PKDD (2017, 2018)
- WWW (2018, 2019, 2020, 2021, 2022)

### **Workshops organization**

2022	2nd Workshop on SOcial and Cultural IntegrAtion with PersonaLIZEd Interfaces (SOCIALIZE) at ACM IUI 2022, <i>Organizer</i>
2022	6th Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2022, <i>Organizer</i>
2021	ACM HCI-SI, 6th Human-Computer Interaction Slovenia (HCI SI) conference, <i>Program Chair</i>
2021	1st Workshop on SOcial and Cultural IntegrAtion with PersonaLIZEd Interfaces (SOCIALIZE) at ACM IUI 2021, <i>Organizer</i>
2021	5th Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2021, <i>Organizer</i>
2020	4th Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2020, <i>Organizer</i>
2019	3rd Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces

- (HUMANIZE) at ACM IUI 2019, *Organizer*
- 2018 International Workshop on Decision Making and Recommender Systems 2018, Bolzano, Italy, *Organizer*
- 2018 IIR 2018, 9th Italian Information Retrieval Workshop, *Program Chair*
- 2018 2nd Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2018, *Organizer*
- 2017 2nd Workshop on Surprise, Opposition, and Obstruction in Adaptive and Personalized Systems (SOAP) in conjunction with ACM UMAP 2017, *Organizer*
- 2017 Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2017, *Organizer*
- 2016 Emotions and Personality in Personalized Systems (EMPIRE) in conjunction with ACM RecSys 2016, *Organizer*
- 2016 Workshop on Surprise, Opposition, and Obstruction in Adaptive and Personalized Systems (SOAP) in conjunction with ACM UMAP 2016, *Organizer*
- 2015 Emotions and Personality in Personalized Systems (EMPIRE) in conjunction with ACM RecSys 2015, *Organizer*
- 2014 Emotions and Personality in Personalized Systems (EMPIRE) in conjunction with UMAP 2014, *Organizer*
- 2013 Emotions and Personality in Personalized Systems (EMPIRE) in conjunction with UMAP 2013, *Organizer*

#### *Reviewer for Granting Agencies*

- 2021 Science Foundation Ireland
- 2020 Swiss National Science Foundation (SNSF)
- 2019 EDGE and Marie-Sklodowska Curie, Ireland
- 2018 Chilean National Science and Technology Commission
- 2018 Latvian Central Finance and Contracting Agency
- 2018 French National Research Agency (ANR 2018 generic call)
- 2018 Netherlands Organisation for Scientific Research (NWO): VENI Programme
- 2018 EDGE and Marie-Sklodowska Curie, Ireland
- 2017 EDGE and Marie-Sklodowska Curie, Ireland
- 2017 Netherlands Organisation for Scientific Research (NWO)

#### *Faculty Service*

- 2018-19 *Tutor*, BSc in Computer Science study, Faculty of Computer Science, Free University of Bozen-Bolzano
- 2018-19 *Study Plan Advisor*, MSc study in Computational Data Science, Faculty of Computer Science, Free University of Bozen-Bolzano
- 2016-19 *Study Plan Advisor*, MSc study in Software Engineering, Faculty of Computer Science, Free University of Bozen-Bolzano
- 2016-18 *PhD Committee Member*, Faculty of Computer Science, Free University of Bozen-Bolzano
- 2012 *Internal Patent Examiner*, University of Ljubljana Faculty of Electrical Engineering

## TEACHING

### *University of Primorska, Koper, Slovenia*

- 2021-22 *Interaction and User Experience*, MSc Biopsychology  
*Adaptive Interactive Systems*, 3rd year BSc, Computer Science  
*Data Practicum 2*, MSc Data Science  
*Computational Social Science*, MSc Data Science
- 2020-21 *Interaction and User Experience*, MSc Biopsychology  
*Adaptive Interactive Systems*, 3rd year BSc, Computer Science  
*Data Practicum 2*, MSc Data Science  
*Decision Support Systems*, 3rd year BSc, Computer Science

2019-20            *Computational Social Science*, MSc Data Science  
*Interaction and User Experience*, MSc Biopsychology  
*Introduction to Computer Science*, 1st year, BSc Computer Science

***Free Univeristy of Bozen-Bolzano, Italy***

2018-19            *Programming Project*, 1st year , BSc Computer Science, Lectures  
2018-19            *Programming for Data Analytics*, 1st year, MSc Computational Data Science, Labs  
2017-18            *Programming Project*, 1st year , BSc Computer Science, Lectures  
2016-17            *Advanced Programming*, 1st year , BSc Computer Science, Lectures and Labs  
2015-16            *Advanced Programming*, 1st year , BSc Computer Science, Labs  
*Software Engineering*, 2nd year , BSc Computer Science, Labs

***Alpen-Adria-Universität Klagenfurt, Austria***

2020-21            *602.315 (21W) Decision Support Systems*, MSc Applied Informatics/Informatics/Information Management, Lectures  
2020-21            *602.315 (20W) Decision Support Systems*, MSc Applied Informatics/Informatics/Information Management, Lectures  
2019-20            *602.315 (19W) Decision Support Systems*, MSc Applied Informatics/Informatics/Information Management, Lectures  
2018-19            *602.315 (18W) Decision Support Systems*, MSc Applied Informatics/Informatics/Information Management, Lectures  
2017-18            *602.315 (17W) Decision Support Systems*, MSc Applied Informatics/Informatics/Information Management, Lectures

**SUPERVISION**

***PhD Theses***

2019- (ongoing)    Elham Motamedi, University of Primorska, Koper, Main Advisor  
2013-16            Bruce Ferwerda, Johannes Kepler University, Austria, Co-Advisor with Markus Schedl,  
First Permanent Position: Assistant Professor at Jonkoping University, Sweden  
2011-14            Tomaž Vodlan, University of Ljubljana, Slovenia, Co-Advisor with Andrej Košir  
First Permanent position: Engineer at Zarja Elektronika d.o.o., Slovenia  
2010-13            Ante Odić, University of Ljubljana, Slovenia, Co-Advisor with Andrej Košir  
First Permanent position: Principal Data Scientist at Outfit7, Slovenia

***PhD Defense Jury Member***

2019                Agung Toto Wibowo, University of Aberdeen, Scotland  
2018                Evgeny Frolov, Skolkovo Institute of Science and Technology (Skoltech), Moscow, Russia

***MSc Theses***

2021                Oyvind Johannsen, University of Bergen, Norway, Co-supervision with Mehdi Elahi. *Novel Methods Using Human Emotion and Visual Features for Recommending Movies*  
2021                Sead Hrutanović, University of Primorska, Data Science, *Prediction of Eudaimonia and Hedonia from Song Lyrics*  
2021                Eva Puc, University of Primorska, Biopsychology: *Relationship between Eudaimonia/Hedonia, Aspiration Index and Personality for the Modeling of the Consumption of Films.*  
2018                Nima Maleki, Politecnico di Milano, Italy, Co-Advisor with Paolo Cremonesi (Politecnico di Milano): *A Context-Aware Recommender System By Means of Facial Expressions and Pairwise Comparisons*  
First permanent position: Vodafone Italy, Milano, Data Scientist

**BSc Theses**

2019 Friederich Egger, Free University of Bozen-Bolzano, Co-advisor with Nabil El Ioini

**Other**

2017 Mohammad Belghis-Zadeh, External MSc supervisor (Advisor: Sabine Graf), Athabasca University, Canada

**LANGUAGES**

Slovenian	native
English	fluent ( C2 Cambridge English Language Assessment certificate)
Italian	fluent ( C1 CELI, C1 CILS certificates)
Croatian	good (B2)
German	basic (A2 Goethe Institute, A2 ÖSD certificates)
French	basic (A1)
Spanish	basic (A1)

The levels A1, A2, B1, B2, C1, C2 (best) are based on the CEFR scale <http://europass.cedefop.europa.eu/en/resources/european-language-levels-cefr>