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CURRICULUM VITAE

15 October 2026

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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

2024-	**Full Professor**, Computer Science, University of Primorska, Koper, Slovenia
2019-2024	**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

2024	**Full Professor**, University of Primorska, Koper, Slovenia
2020	**Full Professor**, (Professore di I. fascia - 09/H1 Sistemi di elaborazione delle informazioni) in Italy (Abilitazione Scientifica Nazionale)
2020	**Full Professor**, (Professore di I. fascia - 01/B1 Informatica) in Italy (Abilitazione Scientifica Nazionale)
2019	**Associate Professor**, (Professore di II. fascia - 01/B1 Informatica) in Italy (Abilitazione Scientifica Nazionale)
2019	**Associate Professor**, University of Primorska, Koper, Slovenia
2017	**Associate Professor**, (Professore di II. fascia - 09/H1 Sistemi di elaborazione delle informazioni) in Italy (Abilitazione Scientifica Nazionale)

PUBLICATIONS

Journal article

J20	Jannach, D., Said, A., **Tkalčič, M.**, & Zanker, M. (2025). Recommender Systems for Good (RS4Good): Survey of Use Cases and a Call to Action for Research that Matters. ACM Trans. Recomm. Syst. https://doi.org/10.1145/3746648
J19	Bevec, M., **Tkalčič, M.**, & Pesek, M. (2024). Hybrid music recommendation with graph neural networks. User Modeling and User-Adapted Interaction. https://doi.org/10.1007/s11257-024-09410-4
J18	Motamedi, E., Kholgh, D. K., Saghari, S., Elahi, M., Barile, F., & **Tkalčič, M.** (2024). Predicting movies' eudaimonic and hedonic scores: A machine learning approach using metadata, audio and visual features. Information Processing & Management, 61(2), 103610. https://doi.org/10.1016/j.ipm.2023.103610
J17	Motamedi, E., & **Tkalčič, M.** (2023). User-centric item characteristics for personalized multimedia systems: A systematic review. Intelligenza Artificiale, 17(2), 207–228. https://doi.org/10.3233/IA-230039
J16	Motamedi, E., Barile, F., & **Tkalčič, M.** (2022). Prediction of Eudaimonic and Hedonic Orientation of Movie Watchers. Applied Sciences, 12(19), 9500. https://doi.org/10.3390/app12199500
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 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

J9 **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

J8 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

J7 **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

J6 **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

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/4-2011/Tkalčič.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. Elektrotehniski Vestnik/Electrotechnical Review, 78(1–2), 12–17. Retrieved from http://ev.fe.uni-lj.si/1-2-2011/Tkalčič.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

Book or chapter

B29 **Tkalčič, M.**, & Motamedi, E. (2024). Inferring Eudaimonia and Hedonia from Digital Traces. In B. Ferwerda, M. Graus, P. Germanakos, & **M. Tkalčič** (Eds.), A Human-Centered Perspective of Intelligent Personalized Environments and Systems (pp. 165–182). Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-55109-3_6

B28 Ferwerda, B., Graus, M., Germanakos, P., & **Tkalčič, M.** (Eds.). (2024). A Human-Centered Perspective of Intelligent Personalized Environments and Systems. Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-55109-3

B27 Felfernig, A., Boratto, L., Stettinger, M., & **Tkalčič, M.** (2024). Conclusions. In A. Felfernig, L. Boratto, M. Stettinger, & **M. Tkalčič** (Eds.), Group Recommender Systems: An Introduction (pp. 177–178). Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-44943-7_10

B26 Felfernig, A., Boratto, L., Stettinger, M., & **Tkalčič, M.** (Eds.). (2024). Group Recommender Systems: An Introduction. Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-44943-7

B25 **Tkalčič, M.**, Delić, A., & Felfernig, A. (2024). Personality, Emotions, and Group Dynamics. In A. Felfernig, L. Boratto, M. Stettinger, & **M. Tkalčič** (Eds.), Group Recommender Systems: An Introduction (pp. 165–175). Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-44943-7_9

B24 Kolmanič, S., Kljun, M., **Tkalčič, M.**, & Čopič Pucihar, K. (Eds.). (2024). Proceedings of the 8th Human-Computer Interaction Slovenia (HCI SI) Conference 2023, Maribor, Slovenia, January 26, 2024. CEUR Workshop Proceedings, 3657. https://ceur-ws.org/Vol-3657/

B23 **Tkalčič, M.**, & Chen, L. (2022). Personality and Recommender Systems. In F. Ricci, L. Rokach, & B. Shapira (Eds.), Recommender Systems Handbook (pp. 757–787). Springer US. https://doi.org/10.1007/978-1-0716-2197-4_20

B22 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.

B21 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.

B20 **Tkalčič, M.**, Pejović, V., Kljun, M., & Čopič Pucihar, K. (Eds.). (2021). Proceedings of the 6th Human-Computer Interaction Slovenia Conference, Koper, Slovenia, November 8, 2021. CEUR Workshop Proceedings, 3054. https://ceur-ws.org/Vol-3054/

B19 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

B18 **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/

B17 Tonellotto, 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/

B16 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

B15 **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

B14 **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

B13 **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

B12 Graus, M. P., Ferwerda, B., Schedl, M., **Tkalčič, M.**, Willemsen, M. C., & Germanakos, P. (Eds.). (2017). Proceedings of the 2017 ACM Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE@IUI 2017). ACM. https://doi.org/10.1145/3039677

B11 Odić, A., Košir, A., & **Tkalčič, M.** (2016). Affective and Personality Corpora. In **M. Tkalčič**, B. De Carolis, M. de Gemmis, A. Odic, & A. Košir (Eds.), Emotions and Personality in Personalized Services (pp. 163–178). Springer. https://doi.org/10.1007/978-3-319-31413-6_9

B10 **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. Odic, & A. Košir (Eds.), Emotions and Personality in Personalized Services (pp. 3–11). Springer. https://doi.org/10.1007/978-3-319-31413-6_1

B9 **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

B8 **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/

B7 **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

B6 **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

B5 **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

B4 **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.

B3 **Tkalčič, M.** (2011). History of Color Spaces. Lulu. ISBN 978-1-105-09093-6. https://hdl.handle.net/10863/5354

B2 **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=50206088

B1 Zajc, B., & **Tkalčič, M.** (Eds.). (2003). The IEEE Region 8 EUROCON 2003: Computer as a Tool – Proceedings. IEEE.

Conference paper

C49 Kastelli, S., Takács, N., **Tkalčič, M.**, & Ferwerda, B. (2026). Evaluating Vibrotactile Feedback: Usability and User Experience in Glove vs. Non-Glove Conditions [late-breaking results]. Proceedings of the 34th ACM Conference on User Modeling, Adaptation and Personalization (UMAP 2026), 480–483. https://doi.org/10.1145/3774935.3812722

C48 Sergaš, U., Wagne, A., Kolb, T. E., Neidhardt, J., Ferwerda, B., & **Tkalčič, M.** (2026). Prompt to Press: Evaluating Human Perception of AI Involvement in News Writing Across Prompt Specificity [poster]. Companion Proceedings of the 31st International Conference on Intelligent User Interfaces (IUI 2026), 89–92. https://doi.org/10.1145/3742414.3795097

C47 Riemann, J., Alt, J., Sergaš, U., **Tkalčič, M.**, & Ferwerda, B. (2026). Progress Feedback for Countering Selective Exposure: When Visualization Can Backfire [late-breaking results]. Proceedings of the 34th ACM Conference on User Modeling, Adaptation and Personalization (UMAP 2026), 536–539. https://doi.org/10.1145/3774935.3812732

C46 Frössling, C., Sergaš, U., **Tkalčič, M.**, & Ferwerda, B. (2026). Game On for News: Stance-Aware Gamification in a News Aggregator to Promote Engagement with Diverse Viewpoints [late-breaking results]. Proceedings of the 34th ACM Conference on User Modeling, Adaptation and Personalization (UMAP 2026), 494–497. https://doi.org/10.1145/3774935.3812712

C45 Ferrato, A., Sansonetti, G., & **Tkalčič, M.** (2026). On the Role of Dwell Time for Implicitly Profiling Museum Visitors [short paper]. Proceedings of the 34th ACM Conference on User Modeling, Adaptation and Personalization (UMAP 2026), 413–417. https://doi.org/10.1145/3774935.3806782

C44 Golubovikj, A. M., & **Tkalčič, M.** (2025). Rethinking Subjective Features in Recommender Systems: Personal Views Over Aggregated Values. Proceedings of the Nineteenth ACM Conference on Recommender Systems, RecSys '25, 1279–1283. https://doi.org/10.1145/3705328.3759316

C43 Golubovikj, A. M., Ferwerda, B., Said, A., & **Tkalčič, M.** (2025). Soundtracks of Our Lives: How Age Influences Musical Preferences. Adjunct Proceedings of the 33rd ACM Conference on User Modeling, Adaptation and Personalization, UMAP Adjunct '25, 93–97. https://doi.org/10.1145/3708319.3733673

C42 Motamedi, E., **Tkalčič, M.**, & Szlávik, Z. (2023). Eudaimonic and Hedonic Qualities as Predictors of Music Videos' Relevance to Users: A Human-Centric Study. Adjunct Proceedings of the 31st ACM Conference on User Modeling, Adaptation and Personalization, 44–49. https://doi.org/10.1145/3563359.3597415

C41 Ferwerda, B., Kiunsi, D. R., & **Tkalčič, M.** (2022). Too Much of a Good Thing: When In-Car Driver Assistance Notifications Become Too Much. 14th International Conference on Automotive User Interfaces and Interactive Vehicular Applications, 79–82. https://doi.org/10.1145/3544999.3552536

C40 Reiter-Haas, M., Parada-Cabaleiro, E., Schedl, M., Motamedi, E., **Tkalčič, 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

C39 Najafian, S., Delic, A., **Tkalčič, 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

C38 Elahi, M., Bakhshandegan Moghaddam, F., Hosseini, R., Rimaz, M. H., El Ioini, N., **Tkalčič, 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

C37 Najafian, S., Draws, T., Barile, F., **Tkalčič, 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

C36 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

C35 Barile, F., Ricci, F., **Tkalčič, M.**, Magnini, B., Zanoli, R., Lavelli, A., & Speranza, M. (2019). A News Recommender System for Media Monitoring. Web Intelligence 2019. https://doi.org/10.1145/3350546.3352510

C34 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

C33 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

C32 **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

C31 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.

C30 **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

C29 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

C28 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

C27 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

C26 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

C25 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

C24 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

C23 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).

C22 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

C21 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

C20 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

C19 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

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E15 Graus, M., Ferwerda, B., **Tkalčič, M.**, & Germanakos, P. (2018). Second Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE): Workshop Preface. CEUR Workshop Proceedings, vol. 2068. https://ceur-ws.org/Vol-2068/preface-humanize.pdf

E14 **Tkalčič, M.**, & de Gemmis, M. (2018). UMAP'18 Workshop &Tutorial Chairs' Welcome (overview) & Organization List. Adjunct Publication of the 26th Conference on User Modeling, Adaptation and Personalization (UMAP 2018), 1–2. https://doi.org/10.1145/3213586.3229186

E13 Graus, M., Ferwerda, B., Schedl, M., **Tkalčič, M.**, Willemsen, M., & Germanakos, P. (2017). HUMANIZE 2017 chairs' welcome. HUMANIZE 2017 workshop proceedings. https://pub.orcid.org/v3.0/0000-0002-0831-5512/work/66999611

E12 **Tkalčič, M.**, & Thakker, D. (2017). UMAP'17 Late-Breaking Results, Demonstration and Theory, Opinion & Reflection Papers Chairs' Preface & Organization. Adjunct Publication of the 25th Conference on User Modeling, Adaptation and Personalization (UMAP 2017), 1–3. https://doi.org/10.1145/3099023.3099062

E11 Knees, P., Andersen, K., Said, A., & **Tkalčič, M.** (2017). UMAP 2017 Workshop on Surprise, Opposition, and Obstruction in Adaptive and Personalized Systems: Organizers' Welcome & Organization. Adjunct Publication of the 25th Conference on User Modeling, Adaptation and Personalization (UMAP 2017), 347–349. https://doi.org/10.1145/3099023.3099095

E10 Graus, M. P., Ferwerda, B., Schedl, M., **Tkalčič, M.**, Willemsen, M. C., & Germanakos, P. (2017). IUI'17 Companion-Workshop Summary for HUMANIZE'17. Companion Proceedings of the 22nd International Conference on Intelligent User Interfaces (IUI 2017), 13–15. https://doi.org/10.1145/3030024.3040247

E9 **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)

E8 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)

E7 Knees, P., Andersen, K., Said, A., & **Tkalčič, M.** (2016). Preface to the SOAP 2016 workshop proceedings. CEUR Workshop Proceedings, vol. 1618. https://ceur-ws.org/Vol-1618/SOAP_preface.pdf

E6 **Tkalčič, M.**, De Carolis, B., de Gemmis, M., & Košir, A. (2016). Preface to the EMPIRE 2016 workshop proceedings. CEUR Workshop Proceedings, vol. 1680. https://ceur-ws.org/Vol-1680/preface.pdf

E5 **Tkalčič, M.**, De Carolis, B., de Gemmis, M., & Košir, A. (2016). 4th Workshop on Emotions and Personality in Personalized Systems (EMPIRE). Proceedings of the 10th ACM Conference on Recommender Systems (RecSys 2016), 407. https://doi.org/10.1145/2959100.2959201

E4 **Tkalčič, M.**, De Carolis, B., de Gemmis, M., Odić, A., & Košir, A. (2015). Preface: EMPIRE 2015 - 3rd Workshop on Emotions and Personality in Personalized Services. EMPIRE 2015 workshop proceedings. https://ricerca.uniba.it/handle/11586/373245

E3 **Tkalčič, M.**, De Carolis, B., de Gemmis, M., Odić, A., & Košir, A. (2015). EMPIRE 2015: Workshop on Emotions and Personality in Personalized Systems. Proceedings of the 9th ACM Conference on Recommender Systems (RecSys 2015), 343–344. https://doi.org/10.1145/2792838.2798716

E2 **Tkalčič, M.**, De Carolis, B., de Gemmis, M., Odić, A., & Košir, A. (2014). Preface to the EMPIRE 2014 workshop proceedings. CEUR Workshop Proceedings, vol. 1181. https://ceur-ws.org/Vol-1181/empire2014_preface.pdf

E1 **Tkalčič, M.**, De Carolis, B., de Gemmis, M., Odić, A., & Košir, A. (2013). Preface to the EMPIRE 2013 workshop proceedings. CEUR Workshop Proceedings, vol. 997. https://ceur-ws.org/Vol-

997/empire2013_preface.pdf

INVITED TALKS AND KEYNOTES

2025 Invited talk at Durham University, Positive Psychology Meets Recommender Systems: Towards Thriving Users, AIHS seminar series, https://aihs.webspace.durham.ac.uk/seminars/

2024 Keynote talk at the PsyIAS: Psychology-informed Information Access Systems workshop in conjunction with the WSDM 2024 conference, Merida, Mexico, Query is the User: Psychology-informed Recommendations, https://sites.google.com/view/psyias/program?authuser=0

2024 Keynote talk at HCAI Symposium in Magdeburg, Germany, Positive Psychology in User Modeling and Recommender Systems, https://hcai-ovgu.github.io/symposium2024/speakers.html

2023 Invited talk at the MediaFutures: Research Centre for Responsible Media Technology & Innovation at the University of Bergen, 14. APril 2023, Computing Biases in Recommender Systems

2023 Keynote talk at the IntRS workshop at RecSys 2023 in Singapore, From Amateur Musicianship to Computational Predictors of Media Consumption Experiences, https://intrs2023.wordpress.com/program-and-proceedings/

2023 Keynote talk at the CREAI Workshop on AI and Creativity in conjunction with AIxIA 2023 in Rome, Towards Computational Psychology for Creativity, https://creai.github.io/creai2023/program.html

2022 Keynote talk at the Research Cluster Workshop on User Adaptive Systems at Athabasca University, Canada, Personalization Using Cognitive Modeling, 9. September 2022, http://sgraf.athabascau.ca/uas_workshops.php

2022 Lecture at the Free University of Bozen-Bolzano, Cognitive Modeling in Recommender Systems, 2. May, 2022, Bolzano, Italy

2022 Keynote talk at the 12th Italian Information Retrieval Workshop (IIR), From Implicit Data to Cognitive Models for Recommender Systems, 30. June 2022, Milano, Italy, https://recsyspolimi.github.io/iir2022/talks/talk-Tkalčič/

2022 Lecture at the University of Bergen, Cognitive Modeling in Recommender Systems, 4. April 2022, Bergen, Norway

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-Tkalčič-university-of-primorska-slovenia/

2020 Invited talk at the Graz University of Technology, Austria, 27. February 2020

2020 Invited talk at Durham University, UK, Emotions and Personality for Better Recommendations, 9. March 2020

2020 Keynote at the ISMIS 2020 conference in Graz, Complementing Behavioural Modeling with Cognitive Modeling for Better Recommendations. A published proceedings counterpart is available in Lecture Notes in Computer Science, volume 12117 LNAI, pages 3–8. https://doi.org/10.1007/978-3-030-59491-6_1

2019 Invited talk at the Robert Bosch GmbH Center for Research and Development, Stuttgart, Germany 19. February 2019

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

2017 Invited talk at the Vienna University of Technology, Austria Psychologically-driven Personalization, 10. April 2017

2017 Invited talk at the Jonkoping University, Sweden, Bridging computer-science and psychological models for personalization 5. October 2017

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/

2016 Invited talk at the Johannes Kepler University, Linz, Austria: Learning from User-generated Data, 21. June 2016

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-Tkalčič-psychologically-driven-personalization, 22. December 2016

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

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

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 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#Tkalčič

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

TUTORIALS AND SUMMER SCHOOLS

2025 ACM UMAP 2025: Tutorial Designing Intelligent User Interfaces for Well-Being

2025 ACM SIGIR 2025: Tutorial Psychological Aspects in Retrieval and Recommendation

2018 ACM RecSys 2018, Vancouver: Tutorial Emotions and Personality in Recommender Systems

2017 ACM Summer School on Recommender Systems, Bozen-Bolzano, 21-25 August 2017 Affect and Personality-Based RS

AWARDS

2026 Best Late-Breaking Results Paper Award at ACM UMAP 2026 for "Progress Feedback for Countering Selective Exposure: When Visualization Can Backfire" (Riemann et al.)

2026 Outstanding Senior Program Committee Member at ACM RecSys 2026

2025 University of Primorska Gold Medal for the year 2024

2024 Outstanding Reviewer at ACM UMAP 2024

2020 Runner Up Outstanding Reviewer at RecSys 2020

2020 Best Reviewer Award at ISMIR 2020 (https://www.ismir2020.net/awards/)

BIBLIOMETRIC RECOGNITION

2026 Included in the Elsevier/Stanford standardized citation indicators database, career-long impact through 2025 (https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/9)

2025 Included in the Elsevier/Stanford standardized citation indicators database, career-long impact through 2024 (https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/8)

2021 Included in the Elsevier/Stanford standardized citation indicators database, single-year impact for citation year 2020 (https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3)

SCIENTIFIC COMMUNITY ACTIVITIES

Editorial roles

2024 Guest Editor for the special issue on Recommender Systems for Good in ACM Transactions on Recommender Systems https://dl.acm.org/pb-assets/static_journal_pages/tors/pdf/TORS_SI-Recommender-Systems-for-Good-1715281856967.pdf

2024 Editorial Board Member of the ACM Transactions on Recommender Systems journal

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

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 special issue on Group Recommender Systems in Springer User Modeling and User-Adapted Interaction (UMUAI) https://ludovicoboratto.github.io/umuaigrouprecsys/

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 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

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

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

2018 Member of the editorial board of the Springer User Modeling and User-Adapted Interaction (UMUAI) journal

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

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

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/Tkalčič/umuai_personality.html

Conference organization

2027 ACM RecSys 2027, Program Chair
2026 ACM UMAP 2026 Doctoral Consortium Chair
2026 ACM IUI 2026, Posters and Demo Chair
2025 ACM RecSys 2025, Demo and LBR Chair
2024 ACM IUI 2024, Posters and Demos Chair
2023 ACM UMAP 2023, Personalized Recommender Systems Track Chair
2022 ICWE 2022, Posters and Demo Chair
2022 ACM UMAP 2022, Intelligent User Interfaces Track Chair
2021 ACM UMAP 2021, Program Chair
2020 The Web Conference 2020, Session Chair, User Modeling
2019 ACM IUI 2019, Session Chair, Affective & Aesthetic IUIs
2019 ACM RecSys 2019, Demos and Posters co-chair
2019 ACM UMAP 2019, Chair of Recommender Systems Track
2018 ACM UMAP 2018, Workshops and Tutorials co-chair
2017 ACM UMAP 2017, Late-breaking Results, Theory, Opinion and Reflection, and Demo co-chair
2017 ACM RecSys 2017, Workshops co-chair
2013 UMAP 2013, Session Chair

Workshop organization

2026 2nd International Workshop on Hybrid AI for Human-Centric Personalization and Recommendation (HyPeR) at ACM CIKM 2026, Organizer
2025 Workshop on Hybrid AI for Human-Centric Personalization (HyPer) at ACM UMAP 2025, Organizer
2024 4th Workshop on SOcial and Cultural IntegrAtion with PersonaLIZEd Interfaces (SOCIALIZE) at ACM IUI 2024, Organizer
2024 8th Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2024, Organizer
2024 9th International Workshop on Human Aspects in Adaptive and Personalized Interactive Environments (HAAPIE) at ACM UMAP 2024, Organizer
2023 3rd Workshop on SOcial and Cultural IntegrAtion with PersonaLIZEd Interfaces (SOCIALIZE) at ACM IUI 2023, Organizer
2023 7th Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2023, Organizer
2023 8th International Workshop on Human Aspects in Adaptive and Personalized Interactive Environments (HAAPIE) at ACM UMAP 2023, Organizer
2022 6th Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2022, Organizer
2022 2nd Workshop on SOcial and Cultural IntegrAtion with PersonaLIZEd Interfaces (SOCIALIZE) at ACM IUI 2022, Organizer
2022 7th International Workshop on Human Aspects in Adaptive and Personalized Interactive Environments (HAAPIE) at ACM UMAP 2022, Organizer
2021 5th Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2021, Organizer
2021 1st Workshop on SOcial and Cultural IntegrAtion with PersonaLIZEd Interfaces (SOCIALIZE) at ACM IUI 2021, Organizer
2021 ACM HCI-SI, 6th Human-Computer Interaction Slovenia (HCI SI) conference, Program Chair
2020 4th Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2020, Organizer
2019 3rd Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2019, Organizer
2018 2nd Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2018, Organizer
2018 IIR 2018, 9th Italian Information Retrieval Workshop, Program Chair
2018 International Workshop on Decision Making and Recommender Systems 2018, Bolzano, Italy, Organizer
2017 Workshop on Theory-Informed User Modeling for Tailoring and Personalizing Interfaces (HUMANIZE) at ACM IUI 2017, Organizer
2017 2nd Workshop on Surprise, Opposition, and Obstruction in Adaptive and Personalized Systems (SOAP) in conjunction with ACM UMAP 2017, Organizer
2016 Workshop on Surprise, Opposition, and Obstruction in Adaptive and Personalized Systems (SOAP) in

	conjunction with ACM UMAP 2016, Organizer
2016	Emotions and Personality in Personalized Systems (EMPIRE) in conjunction with ACM RecSys 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

Grant reviewing

2025	Science Foundation Ireland
2024	Science Foundation Ireland
2023	Science Foundation Ireland
2021	Science Foundation Ireland
2020	Swiss National Science Foundation (SNSF)
2019	EDGE and Marie-Sklodowska Curie, Ireland
2018	EDGE and Marie-Sklodowska Curie, Ireland
2018	Netherlands Organisation for Scientific Research (NWO): VENI Programme
2018	French National Research Agency (ANR 2018 generic call)
2018	Latvian Central Finance and Contracting Agency
2018	Chilean National Science and Technology Commission
2017	Netherlands Organisation for Scientific Research (NWO)
2017	EDGE and Marie-Sklodowska Curie, Ireland

Faculty service

2026–present	Chair, Department of Information Sciences and Technologies (DIST), University of Primorska
2023–2026	Coordinator of the Data Science MSc Program, University of Primorska Faculty of Mathematics, Natural Sciences and Information Technologies, Koper, Slovenia
2022-	Chair of the PhD Committee in Computer Science, University of Primorska Faculty of Mathematics, Natural Sciences and Information Technologies, Koper, Slovenia
2018-19	Study Plan Advisor, MSc study in Computational Data Science, Faculty of Computer Science, Free University of Bozen-Bolzano
2018-19	Tutor, BSc in Computer Science study, 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