



# Curriculum Vitae

## Mehdi Elahi

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**LinkedIn:** <http://linkedin.com/in/mehdielahi>

**Scholar:** <https://scholar.google.it/citations?user=aUWF7LYAAAAJ>

**SlideShare:** <https://www.slideshare.net/MehdiElahi1/presentations>

**Current #citations:** +2100, **#publications:** +75,

**#h-index:** 22, **#i10-index:** 36

**Year Of Birth:** 1984

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## Summary

Mehdi Elahi is an Adjunct Professor at Norwegian School of Economics (NHH) and Associate Professor at University of Bergen in Norway. He also holds the position of honorary Associate Professor at Macquarie University in Australia (#214 in QS ranking 2020). He is the co-founder of DARS research Group<sup>1</sup> and the WP-Leader (& co-author) of **MediaFutures, the largest EU-level project** (total budget: €30 Million). Before that, he worked for more than 3 years as an Assistant Professor at the Free University of Bozen - Bolzano (#401 in Times ranking 2020) in Italy and 2 years as a Postdoc at Polytechnic University of Milan (#137 in QS ranking 2020).

Mehdi Elahi received M.Sc. degree in Electrical Engineering from Blekinge Institute of Technology in Sweden, and Ph.D. degree in Computer Science from Free University of Bozen - Bolzano in Italy. During the course of the Ph.D., he has researched on *Recommender Systems (RSs)*, mainly focused on the cold start problem. He has designed, developed, and evaluated (offline/online) several personalized techniques for *Active Learning* in RSs, e.g., based on user *Personality Traits*, that resulted in significant improvement over the state-of-the-art solutions. These techniques were integrated in a mobile context-aware recommender system for tourism, called South Tyrol Suggests<sup>2</sup>.

As a result of his research work, Mehdi Elahi served as a primary author or co-author on several publications in AI, ML, IR, HCI, UM, and UA related conferences<sup>3</sup>. He was also given the opportunity to publish his research findings in the form of key publications, i.e., a book chapter in the second edition of *Recommender Systems Handbook*<sup>4</sup>, an article in a top ACM journal (ACM-TIST<sup>5</sup>), which is ranked

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<sup>1</sup><https://dars.uib.no/>

<sup>2</sup><https://play.google.com/store/apps/details?id=it.unibz.sts.android>

<sup>3</sup><https://scholar.google.it/citations?user=aUWF7LYAAAAJ>

<sup>4</sup><https://www.amazon.com/Recommender-Systems-Handbook-Francesco-Ricci/dp/1489976361>

<sup>5</sup>ACM-Transactions on Intelligent Systems and Technology (2014 IF: 9.39), <http://tist.acm.org>

#4 among Artificial Intelligence journals <sup>6</sup>, an article in a top Springer journal (UMUAI <sup>7</sup>), ranked #12 among 1000 journals in Computer Science <sup>8</sup>, a survey article in Computer Science Review journal <sup>9</sup>, which is ranked #27 among 145 journals in Theoretical Computer Science <sup>10</sup>, and an article in the journal of Multimedia Tools and Applications (MTAP) <sup>11</sup> ranked #18 among 136 journals in Media Technology <sup>12</sup>.

He had the opportunity to work on several research projects, during his Ph.D. and Postdoc, comprising SUSDEM (Supporting Sequential Item Selection with Recommendation), SIPAI (Proactive Information Access Systems), STS (South Tyrol Suggests), and Mise-en-scene (Movie recommendation based on stylistic visual features) and had contribution in a recommender framework called *Hi-Rec* <sup>13</sup> Moreover, he has been actively involved in preparation of three datasets, freely available to community:

- MVT9KD dataset <sup>14</sup>: containing deep features (face, emotion, and celebrity) from 9000 movies;
- STS dataset <sup>15</sup>: containing user personality, emotional factors, context, and rating on POIs;
- MA14KD dataset <sup>16</sup>: containing features that represent the visual attraction of 14000 movies;
- Mise-en-scene dataset <sup>17</sup>: containing color, motion, light, and MPEG7 features of movies;
- PoliMovie dataset <sup>18</sup>: containing user ratings on directors, casts, and genre of movies.

In addition to the research experience obtained during his doctoral work, he has co-invented a US-patent <sup>19</sup>. Together with researchers from XING, he served as an organizer of the RecSys challenge 2017 <sup>20</sup> as well as the proceeding chair of the conference <sup>21</sup>. He serves as an advisor of RecSys challenge 2018, organized by Spotify <sup>22</sup>. He has obtained several research grants including Amazon AWS cloud credits for research, and actively involved in co-authorship of EU project proposals. He has also given a number of invited talks including a recent one in Google Zürich. He has done several teachings at different educational institutes and has been nominated by students for the *Best Teacher Award* at his current university. He has been also involved in co-supervision of several Ph.D., master, and bachelor students. He has recently joined editorial board for Journal of Universal Computer Science. He also serves as a Guest Editor of several journals such as Journal of Medical Internet Research (JMIR), MDPI Electronics, and MDPI Algorithms.

## Education

**2010-2014** | **Ph.D. in Computer Science, Free University of Bozen - Bolzano**, ranked #6 in Italy (Times 2018)

<sup>6</sup>[http://www.scimagojr.com/journalrank.php?area=0&category=1702&country=all&year=2014&order=sjr&min=0&min\\_type=cd](http://www.scimagojr.com/journalrank.php?area=0&category=1702&country=all&year=2014&order=sjr&min=0&min_type=cd)

<sup>7</sup>H-Index: 47, ISI/Thompson IF: 3.0, <http://www.umuai.org/>

<sup>8</sup>[http://www.umuai.org/journal\\_rankings.html](http://www.umuai.org/journal_rankings.html)

<sup>9</sup><http://www.journals.elsevier.com/computer-science-review>

<sup>10</sup><http://www.scimagojr.com/journalrank.php?category=2614>

<sup>11</sup><http://www.springer.com/computer/information+systems+and+applications/journal/11042>

<sup>12</sup><http://www.scimagojr.com/journalrank.php?category=2214>

<sup>13</sup><https://fmoghaddam.github.io/Hi-Rec/>

<sup>14</sup><https://figshare.com/articles/dataset/MVT9KD/14528727/1?file=27853566>

<sup>15</sup><http://goo.gl/wYGVY0>

<sup>16</sup><https://bit.ly/2WYLNER>

<sup>17</sup><http://goo.gl/V3ulrY>

<sup>18</sup><http://goo.gl/mBMGXu>

<sup>19</sup><https://patents.google.com/patent/US20180089513A1/en>

<sup>20</sup><https://recsys.acm.org/recsys17/challenge/> and also <https://www.youtube.com/watch?v=ek1dt7QG59Y>

<sup>21</sup><https://recsys.acm.org/recsys17/committees/>

<sup>22</sup><https://recsys-challenge.spotify.com>

	<i>Thesis: Empirical Evaluation of Active Learning Strategies in Collaborative Filtering</i> , Supervisor: Prof. Francesco Ricci
2007-2009	M.Sc in Electrical Engineering, Blekinge Institute of Technology (BTH), Sweden

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## Professional Experiences

<b>2021-present</b>	<b>Adjunct Professor, Norwegian School of Economics (NHH), Norway</b>
<b>2019-present</b>	<b>Associate Professor, University of Bergen (UiB), Norway</b>
2020-present	Honorary Associate Professor, Macquarie University, Australia
2020-present	Lecturer, “Advanced Programming” course, University of Bergen (UiB), Norway
2020-present	Lecturer, “Data Management” course, University of Bergen (UiB), Norway
2018-2019	Lecturer, “Programming for Data Analytics” course, Free University of Bozen - Bolzano, Italy
2016-2019	Assistant Professor (RTD-a), Free University of Bozen - Bolzano, Italy
2016-2017	Teaching Assistant, “Computer Programming”, course, Free University of Bozen - Bolzano, Italy
2016-2017	Teaching Assistant, “Information Search and Retrieval” course, Free University of Bozen - Bolzano, Italy
2015-2016	Postdoctoral Researcher, Polytechnic University of Milan, Italy
2015-2016	Teaching Assistant (with partial lecturing), “Recommender Systems” course, Polytechnic University of Milan, Italy
2014-2015	Research Assistant, Free University of Bozen - Bolzano, Italy
2011-2016	Teaching Assistant, “Introduction to Programming” course, Free University of Bozen - Bolzano, Italy
2011-2012	Teaching Assistant, “Internet Technologies” course, Free University of Bozen - Bolzano, Italy
2009-2010	Master Thesis Project, Stockholm University in collaboration with Swedish Institute of Computer Science & Ericsson, Sweden

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## Projects and Grants

2020	<b>€4.5 Million (WP in <i>MEDIAFUTURES</i> , total budget: €30 Million - SFI call)</b> \$5K (Google Credits for Research)
2018	€8K (Project called <i>VISUAL</i> - RTD call), PI, Free University of Bozen - Bolzano, Italy €2K (Travel grant), Free University of Bozen - Bolzano, Italy
2017	\$11K (Amazon AWS Credits for Research) €10K (Project called <i>IMPRESS</i> - RTD call), Co-I, Free University of Bozen - Bolzano, Italy

	€2K (Travel grant), Free University of Bozen - Bolzano, Italy
2016	€24K (Research grant - AR), Polytechnic University of Milan, Italy
	€2K (Project grant), Polytechnic University of Milan, Italy
2015	€24K (Research grant - AR), Polytechnic University of Milan, Italy
2014	€20.4K (Project grant), Free University of Bozen - Bolzano, Italy
2013	€17K (Project grant), Free University of Bozen - Bolzano, Italy
2010	€51K (Full Ph.D. Scholarship) + additional travel budget, Free University of Bozen - Bolzano, Italy
2009	≈15K SEK (Travel Grant), Stockholm University, Sweden

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## Community Service

<b>Editorship</b>	<b>Editorial Board of Journal of Universal Computer Science</b>
	Guest Editor of Journal of Medical Internet Research
	Guest Editor of Springer Behaviormetrika Journal
	Guest Editor of MDPI Journal of Algorithms
	Guest Editor of MDPI Journal of Electronics
	Invited to join editorial board of the Springer Journal of Information Technology & Tourism (JITT)
<b>Invited Talk</b>	
2021	<b>Norwegian School of Economics (NHH), Bergen, Norway</b>
	CSICC 2021 International Computer Conference by Computer Society, Iran
2020	University of Bergen, Bergen, Norway
2019	University of Innsbruck, Innsbruck, Austria
	Polytechnic University of Milan, Milan, Italy
	University of Bergen, Bergen, Norway
2018	<b>Google, Zürich, Switzerland</b>
	University of Southern Denmark, Odense, Denmark
	University of Nottingham, Nottingham, England
	R&D Management Conference, Milan, Italy
2015	Polytechnic University of Milan, Milan, Italy
2014	Polytechnic University of Milan, Milan, Italy
<b>Organizer</b>	
2021	UMAP'21 Proceedings Chair, Utrecht, Netherlands

	MORS'21: Workshop on Multi-Objective Recommender Systems
2018	RecSys Challenge'18 Advisor: automatic playlist generation with Spotify Workshop of RecSys Challenge'18, Montreal, Canada
	DMRS'18: Workshop on Decision Making and Recommender Systems, Bolzano, Italy
2017	RecSys'17 Proceedings Chair, Como, Italy RecSys Challenge'17: job recommendation with XING Workshop of RecSys Challenge'17, Como, Italy
<b>Project Reviewer</b>	<b>Swiss National Science Foundation 2020</b> Canadian Mitacs Accelerate 2020 Flemish action plan on Artificial Intelligence 2020 Marie Curie Action (MSCA) 2017
<b>Book Chapter Reviewer</b>	Chapters in Collaborative Recommendations: Algorithms, Practical Challenges and Applications Chapters in Recommender Systems Handbook (second edition)
<b>Journal Reviewer</b>	IEEE Transactions on Knowledge and Data Engineering (TKDE) IEEE Intelligent Systems ACM Transactions on Interactive Intelligent Systems (TIIS) ACM Transactions on the Web (TWEB) ACM Journal on Computing and Cultural Heritage (JOCCH) Elsevier International Journal of Human-Computer Studies (IJHCS) Elsevier Expert Systems with Applications Elsevier Information Systems Elsevier Information Processing and Management Elsevier Journal of Systems and Software, Special Issue of the on Mobile Applications: Status and Trends Springer Journal of Personal and Ubiquitous Computing Springer Journal of User Modelling and User-Adapted Interaction (UMUAI) Springer Journal on Very Large Data Bases (VLDB) Springer Journal of Multimedia Tools and Applications (MTAP) Springer Information Retrieval Journal Journal of Interaction Studies Journal Behaviour & Information Technology (TBIT) Journal of Interaction Design and Architecture (IxD&A)

<b>Conf. &amp; Workshop Reviewer</b>	2020	ECAI'20: the 24th European Conference on Artificial Intelligence, Santiago de Compostela, Spain
		ECIR'20: European Conference on Information Retrieval, Lisbon Portugal
		WWW'19: The World Wide Web Conference, Taipei, Taiwan
		SAC'20: Symposium On Applied Computing, Brno, Czech Republic
	2019	<b>IJCAI'19: International Joint Conference on Artificial Intelligence, Macao, China [Distinguished PC Member]</b>
		RecSys'19: ACM Conference on Recommender Systems, Copenhagen, Denmark
		WWW'19: The World Wide Web Conference, San Francisco, USA
		UMAP'19: ACM Conference on User Modelling, Adaptation and Personalization, Cyprus
		CBI'19: IEEE Conference on Business Informatics, Moscow, Russia
		ExHUM'19: workshop on Explainable And Holistic User Modeling, Cyprus
		HUMANIZE'19: Theory-Informed User Modeling for Tailoring and Personalizing Interfaces, Los Angeles, USA
	2018	WWW'18: The World Wide Web Conference, Lyon, France
		RecSys'18: ACM Conference on Recommender Systems, Vancouver, Canada
		UMAP'18: ACM Conference on User Modelling, Adaptation and Personalization, Singapore (main session), Singapore
		UMAP'18 LBR: ACM Conference on User Modelling, Adaptation and Personalization (LBR session), Singapore, Singapore
		SAC'18: Symposium On Applied Computing, Pau, France
		HT'18: ACM Conference on Hypertext and Social Media (sub-reviewer), Maryland, USA
		Workshop of RecSys Challenge'18, Vancouver, Canada
		HUMANIZE'18: Workshop on Theory-Informed User Modeling for Tailoring And Personalizing Interfaces, In conjunction with IUI, Tokyo, Japan
		CiA'18: Workshop on Context in Analytics, in conjunction with IEEE ICDE, Paris, France
	2017	RecSys'17: ACM Conference on Recommender Systems, Como, Italy
		SAC'17, ACM Symposium On Applied Computing, Track on Recommender Systems: Theory and Applications (RS), Marrakech, Morocco
		UMAP'17: ACM Conference on User Modelling, Adaptation and Personalization (LBR reviewer), Bratislava, Slovakia
		RecSys Challenge'17: International Workshop on the RecSys Challenge 2017, In conjunction with RecSys, Como, Italy
		HUMANIZE'17: Workshop on Theory-Informed User Modeling for Tailoring And Personalizing Interfaces, In conjunction with IUI, Limassol, Cyprus
		EnCHIREs'17: Workshop on Engineering Computer-Human Interaction in Recommender Systems, In conjunction with EICS, Lisbon, Portugal

	HealthRecSys'17 : International Workshop on Health Recommender Systems, In conjunction with RecSys, Como, Italy
	RecSysKTL'17: Workshop on Intelligent Recommender Systems by Knowledge Transfer & Learning, In conjunction with RecSys, Como, Italy
	EdRecSys'17: International Workshop on Educational Recommender Systems, In conjunction with UMAP, Bratislava, Slovakia
	SOAP'17: workshop on Surprise, Opposition, and Obstruction in Adaptive and Personalized Systems, In conjunction with UMAP, Bratislava, Slovakia
	WPRSM'17: International Workshop on Web Personalization, Recommender Systems, and Social Media, In conjunction with WI, Leipzig, Germany
2016	RecSys'16: ACM Conference on Recommender Systems (sub-reviewer), Boston, MA, USA
	UMAP'16: 24th Conference on User Modelling, Adaptation and Personalization (sub-reviewer), Halifax, Canada
	EMPIRE'16: workshop on Emotions and Personality in Personalized Services (in conjunction with the ACM RecSys 2016), Boston, MA, USA
	SOAP'16: ACM SIGPLAN International Workshop on the State Of the Art in Program Analysis (Co-located with PLDI 2016), Santa Barbara, California
	FLAIRS '16: The 29th International FLAIRS Conference, In cooperation with the American Association for Artificial Intelligence, Florida, USA
2015	FLAIRS '15: the 28th International Conference of Florida Artificial Intelligence Research Society (FLAIRS), Florida, USA
	EMPIRE '15: 3rd workshop on Emotions and Personality in Personalized Services (in conjunction with the ACM RecSys 2015), Vienna , Austria
	SoMeRA '15: 2nd International Workshop on Social Media Retrieval and Analysis (in conjunction with the IEEE ICDM 2015), Atlantic City, USA
2014	EMPIRE '14: 2nd workshop on Emotions and Personality in Personalized Services (co-located with UMAP'14), Aalborg, Denmark
	SoMeRA '14: International Workshop on Social Media Retrieval and Analysis (co-located with SIGIR'14), Gold coast, Australia
2012	ADMIRE: International Workshop on Advances in Music Information Research (co-located with WWW'12), Lyon, France

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## Professional Membership

2014 - present	ACM Professional Member
2020 - present	European Alliance for Innovation (EAI)
2013 - present	Italian Association for Artificial Intelligence (AI*IA)
2013 - 2014	IEEE Student Member

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## Technical Skills

Java, Matlab, R, Python (Scikit-learn, PySpark, Graphlab, etc.), Pascal, C++, J2ME, ASP, PHP, MySQL, Workbench, SQLite, iDeas, OPNET, Joomla, Latex, Adobe Photoshop

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## Language Skills

Native	Persian
Fluent	Turkish (Azeri)
Very Good	English
Fine	Italian
Basic	Norwegian, Swedish, German, Chinese, Arabic, French

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## Hobbies

Sports	Climbing, Hiking, Basketball, Ping pong, Chess
Books	Philosophy, Psychology, Economics, Neurology, Architecture, Movie Making
Music	Playing Electrical Guitar
Others	Photography. My shots: <a href="https://www.flickr.com/photos/60733276@N07">https://www.flickr.com/photos/60733276@N07</a>

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## Supervision

Official	Ph.D. supervisor of Anastasiia Klimashevskaja, MediaFutures at UiB, Norway Ph.D. co-supervisor of Stefano Savian, Free University of Bozen - Bolzano, Italy Ph.D. co-supervisor of Naieme Hazrati, Free University of Bozen - Bolzano, Italy Ph.D. co-supervisor of Fatemeh Elahi, SBU, Iran Master thesis co-advisor of Noah Cohen, Free University of Bozen - Bolzano, Italy Master thesis supervisor Oyvind Johannessen, University of Bergen Master thesis supervisor Tord Kvifte, University of Bergen Master thesis co-supervisor of Giulia Burgio, Free University of Bozen - Bolzano, Italy (Cum Laude) Master thesis co-supervisor of Anna L. Alexander, Free University of Bozen - Bolzano, Italy (Cum Laude) Internship supervisor of Billal Mahmood, Free University of Bozen - Bolzano Master thesis co-supervisor of Ayoub el Majjodi, National Advanced School of Computer Science and System Analysis, Morocco
Unofficial	Ph.D. co-supervisor of Srinivasa R. Goluguri, Macquarie University, Australia



	Master thesis advisor of Billal Mahmood, Free university of Bozen - Bolzano, Italy
	Master thesis co-advisor of Nima Maleki, Politecnico di Milano, Italy
	Master thesis co-advisor of Filippo Maria Cardano, Free University of Bozen - Bolzano, Italy
Mentoring	
2018	ACM RecSys Doctoral Symposium
2017	ACM RecSys Doctoral Symposium

## Publications

<b>Patent</b>	
2016	<b>Paolo Cremonesi, Mehdi Elahi, and Yashar Deldjoo. Enhanced content-based multimedia recommendation method, March 29 2018. US Patent App. 15/277,490</b>
<b>Book</b>	
	Mohammadreza Moradian, Mehdi Elahi: Media Discourse Listening to the VOA, Arad Publications co., (ISBN: 964-8943-30-3), 2005, Tehran, Iran
<b>Book Chapter</b>	
2020	<b>Mehdi Elahi, Lianyong Qi, Fashion Recommender Systems in Cold Start, Book Chapter in Fashion Recommender Systems, Springer Verlag Publication</b>
	Savian, Stefano, Mehdi Elahi, and Tammam Tillo, Optical Flow Estimation with Deep Learning, a Survey on Recent Advances. Book Chapter in Deep Biometrics. Springer, Springer Verlag Publication
2019	Mehdi Elahi, Matthias Braunhofer, Tural Gurbanov, Francesco Ricci, User preference elicitation, rating sparsity and cold start, Book Chapter in Collaborative Recommendations: Algorithms, Practical Challenges and Applications, World Scientific Publication
	Farshad Bakhshandegan Moghaddam, Mehdi Elahi, Cold Start Solutions For Recommendation Systems, book chapter in Big Data Recommender Systems: Recent Trends and Advances, IET Publication
2015	<b>Neil Rubens, Mehdi Elahi, Masashi Sugiyama, Dain Kaplan, Active Learning in Recommender Systems. Book chapter in Recommender Systems Handbook, Springer Verlag Publication</b>
<b>Journal</b>	
2021	<b>Mehdi Elahi, Danial Khosh Kholgh, Mohammad Sina Kiarostami, Soroush Saghari, Shiva Shiva Parsa Rad, and Marko Tkalcic. Investigating the impact of recommender systems on user-based and item-based popularity bias. In <i>Journal of Information Processing and Management</i>, year=2021 (Accepted with minor revision)</b> [IF: 4.787, Norwegian level: 2 (highly prestigious)]

- 2020 **Naieme Hazrati and Mehdi Elahi. Addressing the new item problem in video recommender systems by incorporation of visual features with restricted boltzmann machines. *Expert Systems*, 2020**  
[IF: 1.546, Norwegian level: 2 (highly prestigious)]
- Claudio A. Ardagna, Rasool Asal, Ernesto Damiani, Nabil El Ioini, Mehdi Elahi, and Claus Pahl. From trustworthy data to trustworthy iot: A data collection methodology based on blockchain. *ACM Transactions on Cyber-Physical Systems*, 2020  
[CiteScore: 0.23, h5-median: 33, Norwegian level: 1]
- 2018 Markus Schedl, Hamed Zamani, Ching-Wei Chen, Yashar Deldjoo, and Mehdi Elahi. Current challenges and visions in music recommender systems research. *International Journal of Multimedia Information Retrieval*, Apr 2018  
[CiteScore: 0.23, h5-median: 31, Norwegian level: 1]
- Yashar Deldjoo, Mehdi Elahi, Massimo Quadrana, and Paolo Cremonesi. Using visual features based on mpeg-7 and deep learning for movie recommendation. *International Journal of Multimedia Information Retrieval*, 2018  
[CiteScore: 0.23, h5-median: 31, Norwegian level: 1]
- 2017 Paolo Cremonesi, Mehdi Elahi, and Franca Garzotto. User interface patterns in recommendation-empowered content intensive multimedia applications. *Multimedia Tools and Applications*, pages 1–35, 2017  
[5-year IF: 1.57, h-index: 45, Norwegian level: 1]
- 2016 Ignacio Fernandez Tobias, Matthias Braunhofer, Mehdi Elahi, Francesco Ricci, and Cantador Ivan. Alleviating the new user problem in collaborative filtering by exploiting personality information. *User Modeling and User-Adapted Interaction (UMUAI)*  
[5-year IF 4.54, h-index: 61, Norwegian level: 2]
- Mehdi Elahi, Francesco Ricci, and Neil Rubens. A survey of active learning in collaborative filtering recommender systems. *Computer Science Review*, 2016** [2nd most cited, CiteScore: 8.66, h-index: 28, Norwegian level: 1]
- Yashar Deldjoo, Mehdi Elahi, Paolo Cremonesi, Franca Garzotto, Pietro Piazzolla, and Massimo Quadrana. Content-based video recommendation system based on stylistic visual features. *Journal on Data Semantics*, 5(2):99–113, 2016  
[CiteScore 1.55, h-index: 11]
- 2014 Matthias Braunhofer, Mehdi Elahi, and Francesco Ricci. Techniques for cold-starting context-aware mobile recommender systems for tourism. *Intelligenza Artificiale*, 8(2):129–143, 2014
- 2013 **Mehdi Elahi, Francesco Ricci, and Neil Rubens. Active learning strategies for rating elicitation in collaborative filtering: A system-wide perspective. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 5(1):13, 2013**  
[5-year IF 10.47, h-index: 61]
- Conference**
- 2021 Mehdi Elahi, Himan Abdollahpouri, Masoud Mansoury, and Helma Torkamaan. Beyond algorithmic fairness in recommender systems. In *Adjunct Publication of the ACM Conference on User Modeling, Adaptation and Personalization*, 2021
- Mehdi Elahi, Farshad Bakhshandegan Moghaddam, Reza Hosseini, Mohammad Hossein Rimaz, Nabil El Ioini, Marko Tkalcic, Christoph Trattner, and Tammam Tillo. Recommending videos in cold start with automatic visual tags. In *Adjunct Publication of the ACM Conference on User Modeling, Adaptation and Personalization*, 2021

- 2020 Mehdi Elahi, Reza Hosseini, Mohammad H Rimaz, Farshad B Moghaddam, and Christoph Trattner. **Visually-aware video recommendation in the cold start.** In *Proceedings of the 31st ACM Conference on Hypertext and Social Media*, pages 225–229, 2020
- Naieme Hazrati, Mehdi Elahi, and Francesco Ricci. Simulating the impact of recommender systems on the evolution of collective users’ choices. In *Proceedings of the 31st ACM Conference on Hypertext and Social Media*, pages 207–212, 2020
- Mehdi Elahi, Nabil El Ioini, Anna Alexander Lambrix, and Mouzhi Ge. Exploring personalized university ranking and recommendation. In *Adjunct Publication of the 28th ACM Conference on User Modeling, Adaptation and Personalization*, pages 6–10, 2020
- Ayoub El Majjodi, Mehdi Elahi, Nabil El Ioini, and Christoph Trattner. Towards generating personalized country recommendation. In *Adjunct Publication of the 28th ACM Conference on User Modeling, Adaptation and Personalization*, pages 71–76, 2020
- 2019 Marko Tkalčič, Nima Maleki, Matevž Pesek, Mehdi Elahi, Francesco Ricci, and Matija Marolt. **Prediction of music pairwise preferences from facial expressions.** In *Proceedings of the 24th International Conference on Intelligent User Interfaces, IUI ’19*, pages 150–159, New York, NY, USA, 2019. ACM
- Mohammad Hossein Rimaz, Mehdi Elahi, Farshad Bakhshandegan Moghadam, Christoph Trattner, Reza Hosseini, and Marko Tkalčič. Exploring the power of visual features for the recommendation of movies. In *Proceedings of the 27th ACM Conference on User Modeling, Adaptation and Personalization, UMAP ’19*, pages 303–308, New York, NY, USA, 2019. ACM
- Stefano Savian, Mehdi Elahi, and Tammam Tillo. Benchmarking the imbalanced behavior of deep learning based optical flow estimators. In *2019 15th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS)*, pages 151–158. IEEE, 2019
- Yashar Deldjoo, Markus Schedl, and Mehdi Elahi. Movie genome recommender: A novel recommender system based on multimedia content. In *2019 International Conference on Content-Based Multimedia Indexing (CBMI)*, pages 1–4. IEEE, 2019
- Naieme Hazrati, Mehdi Elahi, and Francesco Ricci. Analysing recommender systems impact on users choices. CEUR-WS, 2019
- Farshad B Moghaddam, Mehdi Elahi, Reza Hosseini, Christoph Trattner, and Marko Tkalčič. Predicting movie popularity and ratings with visual features. In *2019 14th International Workshop on Semantic and Social Media Adaptation and Personalization (SMAP)*, pages 1–6. IEEE, 2019
- 2018 Dario Cavada, Mehdi Elahi, David Massimo, Stefano Maule, Elena Not, Francesco Ricci, and Adriano Venturini. Tangible tourism with the internet of things. In *Information and Communication Technologies in Tourism 2018*, pages 349–361. Springer, 2018
- 2017 Mehdi Elahi, Yashar Deldjoo, Farshad Bakhshandegan Moghaddam, Leonardo Cella, Stefano Cereda, and Paolo Cremonesi. Exploring the semantic gap for movie recommendations. In *Proceedings of the Eleventh ACM Conference on Recommender Systems*, pages 326–330. ACM, 2017
- Marko Tkalčič, Nima Maleki, Matevž Pesek, Mehdi Elahi, Francesco Ricci, and Matija Marolt. A research tool for user preferences elicitation with facial expressions. In *Proceedings of the Eleventh ACM Conference on Recommender Systems*, pages 353–354. ACM, 2017

- David Massimo, Mehdi Elahi, Mouzhi Ge, and Francesco Ricci. Item contents good, user tags better: Empirical evaluation of a food recommender system. In *Proceedings of the 25th Conference on User Modeling, Adaptation and Personalization*, pages 373–374. ACM, 2017
- David Massimo, Mehdi Elahi, and Francesco Ricci. Learning user preferences by observing user-items interactions in an IoT augmented space. In *Adjunct Publication of the 25th Conference on User Modeling, Adaptation and Personalization*, pages 35–40. ACM, 2017
- Hanna Schäfer, Mehdi Elahi, David Elsweiler, Georg Groh, Morgan Harvey, Bernd Ludwig, Francesco Ricci, and Alan Said. User nutrition modelling and recommendation: Balancing simplicity and complexity. In *Adjunct Publication of the 25th Conference on User Modeling, Adaptation and Personalization*, pages 93–96. ACM, 2017
- Fabian Abel, Yashar Deldjoo, Mehdi Elahi, and Daniel Kohlsdorf. Recsys challenge 2017: Offline and online evaluation. In *Proceedings of the Eleventh ACM Conference on Recommender Systems*. ACM, 2017
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