

Personal Information

Born in Venice, Italy on 25/12/59. Married with two children.

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Education

Francesco Ricci received a master degree in Mathematics (rates 110/110 lode), from Padova University, Italy, on November '83. From January '84 to September '86 he was post degree student ("perfezionamento") in Mathematics at Scuola Normale Superiore, Pisa, Italy.

Current Role

Francesco Ricci is full professor and dean of the Faculty of Computer Science, Free University of Bozen-Bolzano. Since November 2012 he is with the Database and Information System research area. F. Ricci has been teaching courses on: databases, object-oriented programming, information retrieval, recommender systems, Internet technologies and mobile services. F. Ricci is currently supervising two post-doc researchers and four PhD students. He has recently graduated eight PhD students, fifteen postgraduate students and many undergraduates. Most of the postgraduate students have published the results obtained in their thesis project at international conferences.

F. Ricci has established in Bolzano a reference point for the research on Recommender Systems (RS). He has edited the Recommender Systems Handbook (Springer 2011, 2015), and has been actively working in the RS research community as President of the Steering Committee of the ACM conference on Recommender Systems (2007-2010). He has developed a postgraduate course on Information Retrieval and Recommender Systems that is taught here in Bolzano, but also in other Universities (e.g., Monash University, Australia, and Bari, Italy). Francesco Ricci is author of more than one hundred fifty refereed publications and, according to Google Scholar, has H-index 47 and more than 13500 citations.

F. Ricci's research interests are:

- Recommender Systems: collaborative filtering, hybrid recommender systems, privacy protection and collaborative filtering, case-based recommender systems, mobile recommender systems, context-dependent recommendations, group recommendations, sequential recommenders.
- User Modeling: distributed UM and cross-technique and cross-domain mediation of UMs, session based (ephemeral) user models, data fusion and user models (in mobile systems).
- Adaptive and Conversational Systems: intelligent question selection, cooperative query relaxation, sequential decision making and intelligent recommender agents, supporting user-to-user negotiations, critique-based conversational systems.
- Case-Based Reasoning: structured cases representation (trees and graphs), similarity metrics for complex cases, learning similarity metrics, P2P architectures and case retrieval, case-based planning.
- Machine Learning: error correcting output codes, local distance metrics for nearest neighbor classifier, probability-based metrics.
- Constraint Based Reasoning: distributed and stochastic algorithms, temporal reasoning, object-oriented languages and constrains, applications to manufacturing and planning.

- eCommerce and Tourism: systems for eDestinations, systems for less developed countries, Digital Business Ecosystems, modeling consumer behavior, semantic based data mediation.

F. Ricci has collaborated with renowned research institutions: Bar-Ilan University (S. Kraus), Weizmann Institute of Science (A. Rosenfeld), University of British Columbia (G.C. Murphy), New York University (A. Tuzhilin), DePaul University (B. Mobasher and R. Burke), Cork University (D. Bridge), Ben Gurion University (L. Rokach and B. Shapira), Telefonica Research (A. Karatzoglou and L. Baltrunas), Technical University Vienna (H. Werthner), Universidad Autónoma de Madrid (I. Cantador), Regensburg University (B. Ludwig), University of Electro-Communications, Tokyo (N. Rubens).

Previous Working Experience

F. Ricci was previously (from 2000 to 2006) senior researcher and the technical director of the eCommerce and Tourism Research Lab (eCTRL) at ITC-irst (Trento, Italy). eCTRL was aimed at creating a multidisciplinary approach towards ICT and Tourism, and at developing a new generation of web enabled intelligent tools that can be exploited by industry partners. F. Ricci set up this laboratory recruiting people internationally, defining research plans and acquiring grants from funding agencies (mainly, European IST projects). The laboratory was composed of 13 persons (2 staff, 6 researchers, 3 technicians, 1 PhD student).

From 1998 to 2000 he was system architect in the Research and Technology Department (Process and Reuse Technologies) of Sodalía s.p.a. Sodalía was a (ISO9001, CMM Level 3) software factory, joint venture of Bell Atlantic Corporation and Telecom Italia, providing advanced telecommunications products, solutions and services to telecommunications companies world-wide.

From 1988 to 1998 F. Ricci was researcher at Istituto per la Ricerca Scientifica e Tecnologica (IRST), Trento. He coordinated several research groups such as: Expert System, Knowledge Representation and Reasoning Laboratory, Method for Interactive Planning, Reasoning for Decision Support, Case-Based Reasoning. He obtained funds from EU projects (Esprit, Brite, Sprint), Italian Research Organisations (Enea, CNR), Industry (SGS, Cisa) and Public Institutions (Autonomous Province of Trento) to cover 50% of the total research costs. He initiated new research areas in the institute, such as constraint-based reasoning and case-based reasoning. He was also contributing to the development of an office for the establishment of the industrial relationships.

From 1986 to 1988 F. Ricci was software programmer and analyst in Enichem s.p.a. He designed and developed an expert system for budget control, and several office automation applications with the aid of fourth generation languages on PC and mainframes.

Research Projects

F. Ricci has participated to several international research projects such as: RECOM (funded by Deutsche Telekom), etPackaging (funded by ECCA), European Tourist Destination Portal (funded by European Travel Commission), Harmoten (funded by IST), DieToRecs (Intelligent Recommendation for Tourist Destination Decision Making, funded by IST), Harmonise (funded by IST), CARICA (Cases Acquisition and Reply In fire Campaigns Ambience, funded by IST), CHARADE (Combining Human Assessment and Reasoning Aids for Decision-making in environmental Emergencies, funded by IST).

In the following are listed the five more important projects that he was responsible for:

- CHARADE (Combining Human Assessment and Reasoning and Reasoning Aids for Decision Making in Environmental Emergencies) - Esprit III n. 6095
- Harmonise - IST-2000-29329 eCommerce and Tourism - Fondazione Caritro Trento
- DieToRecs (Intelligent Recommendation for Tourist Destination Decision Making) - IST-2000-29474
- MOBAS (Mobile Analytical Services fo Medical Data Warehouse) – funded by Provincia Autonoma di Bolzano
- BZTraffic Points of interest recommendation and parking lots occupancy prediction – funded by Municipality of Bolzano

F. Ricci is the major designer of Trip@dvice (now Suggesto TM), a recommendation technology that was licensed to a spin-off company (ECTRL Solutions) for industrial exploitation in 2006. F. Ricci is a shareholder of that company. Trip@dvice has been integrated in several tourism web portals, such as www.visit.europe.com, www.veneto.to, www.atl.biella.it, www.visitfinland.com, www.visitrentino.it.

Research Visits and Fellowships

Francesco Ricci was visiting scientist - Navy Center for Applied Research in Artificial Intelligence (Washington DC) in 1997, and Research Associate of National Laboratory for Tourism and eCommerce, University of Illinois at Urbana Champaign in 2003. He was Senior Research Fellow of National Laboratory for Tourism and eCommerce, University of Temple, Philadelphia (USA). He has been contract professor at University of Trento, University of Girona (Spain), University of Zagreb in Varazdin (Croatia) and Technical University Vienna (Austria).

Prizes and Recognitions

F. Ricci is the author of four papers that received a best paper award:

- T. Mahmood, F. Ricci, and A. Venturini. Improving Recommendation Effectiveness by Adapting the Dialogue Strategy in Online Travel Planning. *International Journal of Information Technology and Tourism*, 11 (4):285-302, 2010.
- W. Trabelsi, N. Wilson, D. Bridge, and F. Ricci. Comparing Approaches to Preference Dominance for Conversational Recommenders. In *Proceedings of the 22th International Conference on Tools with Artificial Intelligence*, October 27-29, 2010, Arras, France.
- T. Mahmood, F. Ricci, and A. Venturini Learning Adaptive Recommendation Strategies for Online Travel Planning. In *Information and Communication Technologies in Tourism 2009*, Pages: 149-160, Springer, Wien New York.
- S. Berkovsky, T. Kuflik, F. Ricci. Cross-Technique Mediation of User Models, in *proceedings of the International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems*, Dublin, Ireland, June 21-23, Pages 21-30, 2006.

F. Ricci has been invited as keynote speaker to several scientific events. We mention here some of the most recent ones:

- Recommender Systems: from Preference Learning to Useful Recommendations. (keynote), 14th Italian Research Conference on Digital Libraries, Udine, 25-26 January, 2018.
- Recommender Systems: Research Challenges, (keynote), Italian Workshop on Information Retrieval, Lugano, 5-7 June, 2017.
- Recommender Systems, (invited talk), Club IT, organized by Wirtshafskammer Wien, September 15th, TU Vienna (in conjunction with RecSys 2015).
- Recommender Systems, (invited seminar), IFITT Doctoral school, Modul University, June 21st, 2015 Vienna.
- Recommender Systems, (invited talk), Research meets Business, organized by Fakultät für Informatik und Sektion ICT des Unternehmerverbandes, at University of Bozen-Bolzano, June 12, 2015.
- Context-Aware Computing: Sfide ed Opportunità, (invited talk) during the event "Laboratorio sul futuro: Esigenze formative e di personale specializzato nel settore dei servizi IT", Bolzano (ACS Data Systems S.p.A.) May 5th 2015.
- Context and Recommendations: Challenges and Results, (invited talk), 26th GI-Workshop Grundlagen von Datenbanken, Bozen-Bolzano, Italy, October 21st to 24th, 2014.
- Engaging Users with Situational Recommendations: Challenges and Results (Invited Talk), IliX 2014 : Fifth Information Interaction in Context Symposium, Regensburg, August 26-29, 2014.
- Optimal Radio Channel Recommendations with Explicit and Implicit Feedback, Epilog Conference, Vienna, Technical University of Vienna, June 13, 2013.
- Contextualizing useful recommendations, The 20th conference on User Modeling, Adaptation, and Personalization — UMAP 2012, Montreal, July 16-20, 2012.
- Leveraging Context-Awareness in Tourism Mobile Applications, International Seminar on New Media Analysis and Strategies for Tourism Marketing Organizations, September 15-16, 2011, Modul

University, Vienna.

- Distributed Collaborative Filtering and Adaptive User-to-User Correlation, Social Networks, Emerging Communities and Technologies in the WWW, Sardegna Ricerche, Pula (Cagliari, Italy), 7 November 2008.

Francesco Ricci was nominated best teacher of the faculty of Computer Science (Bozen-Bolzano) in 2012.

He received twice (2001, 2014) from the Faculty of Organization and Informatics, Varazdin Croatia, an acknowledge for the cooperation and distinguished contribution to the development of the instructional process at the faculty.

F. Ricci was awarded in 2008 and 2017 a Recognition of Service Awards from Association of Computing Machinery (ACM) in appreciation for contribution to ACM as Program Co-Chair (2008) and Co-Chair (2017) of the ACM Conference on Recommender Systems.

Participation to Boards and Organization of Meetings

Francesco Ricci has recently organized the following important scientific events (selected):

- RecSys 2017, 11th ACM conference on Recommender Systems, August 27-31, 2017, Como, Italy (General co-chair).
- UMAP 2015, 23rd International Conference on User Modeling, Adaptation, and Personalization (UMAP 2015), Dublin, June 29 - July 3 2015. (Program Co-Chair)
- 29th Symposium On Applied Computing, (Track on Recommender Systems: Theory and Applications), Gyeongju, Korea, March 24 - 28, 2014. (Program Co-Chair)
- ENTER 2012 International Conference on Information and Communication Technologies in Tourism - ENTER 2012, Helsingborg Sweden 24th to 27th January 2012. (Program Co-Chair)
- ENTER 2011 International Conference on Information and Communication Technologies in Tourism - ENTER 2011, Innsbruck, Austria, 26-28 January, 2011. (Program Co-Chair)
- Recommender Systems, 2nd ACM conference on Recommender Systems, October 23-25, 2008, Lausanne, Switzerland (PC co-chair).
- ICCBR 2005 Sixth International Conference on Case-Based Reasoning Chicago, Illinois (USA), 23 - 26 August 2005. (Program Co-Chair)
- ENTER 2005 International Conference on Information and Communication Technologies in Tourism - ENTER 2005, Innsbruck, Austria, 26-28 January, 2005. (Program Co-Chair)

Moreover, F. Ricci has been in the program committee of many international conferences (KDD, IUI, UMAP, ECAI, ICCBR, IJCAI, AH, UM, EC-Web, ICML, ECML-PKDD, WWW, SAC etc.).

Francesco Ricci is in the editorial board of Journal of Information Technology and Tourism and User Modeling and User Adapted Interaction. In addition, he recently served as guest editor for special issues of the following Journals:

- Personal and Ubiquitous Computing Journal – Special Issue on Mining Social Networks for Local search and Location-based RecSys (2018)
- ACM Transaction on Interactive Intelligent Systems - Special Issue on Human Decision Making and Recommender Systems (2012-2013)
- International Journal of Human-Computer Studies - Special issue on Special issue on Measuring the Impact of Personalization and Recommendation on User Behaviour (2008-2010)
- International Journal of Electronic Commerce - Special Issue in Recommender Systems (2006)

Francesco Ricci has taken part to several boards: consultant for Springer publisher, reviewer for international funding agencies (Luxembourg National Research Fund, Austrian Science), member of PhD evaluation commissions (Bari University, Udine University, University College Dublin, Ecole Polytechnique Federale de Lausanne, University of Leipzig), member of the Scientific Board of Ciset, University of Venice.

Funds Obtained as Principal Investigator

Date granted	Award Holder(s)	Funding Body	Title	Amount received
2017-2019	Partner Principal Investigator	Euregio SRL (company)	Infojuice Recommender	33.800
2017	Principal Investigator	Vertical Life GmbH (company)	IoTforC – Internet of Things for Climbers	4.700
2017-2019	Partner PI	Innovation Fund – Province of Bolzano	EUCLIP_RES – Euregio Cross Linguistic Recommender System	0
2016-2019	Partner PI	Ectr Solutions (company)	SuM – Suggesto Market Space	52.600
2016-2018	Principal Investigator	Central Research Commission - UNIBZ	RIDEC - Recommending IDE commands	45.000
2014-2016	Principal Investigator	Central Research Commission - UNIBZ	SeGuDems – Multi-Criteria and Sequential Group Decision Making Support	48.000
2013-2015	Principal Investigator	Central Research Commission - UNIBZ	Life-logging for Proactive Advisory Systems	43.000
2013-2014	Principal Investigator	Stallegenes S.p.A	Monitoraggio e supporto di pazienti affetti da rinite allergica	4.000
2013-2015	Principal Investigator	Province BZ funding	Magellano – Patient Activity Tracking	7.500
2013-2014	Partner PI	Municipality of Bozen-Bolzano	Map-Based Routing Visualization and Predictive Model of the Parking Occupancy State - Bolzano Traffic	30.000
2012-2014	Principal Investigator	Central Research	Supporting Sequential Item Selection with Recommendations	23.500

		Commission - UNIBZ		
2011-2014	Principal Investigator	Province BZ funding	Sistemi Proattivi di Accesso alle Informazioni	40.000
2011-2013	Principal Investigator	Central Research Commission - UNIBZ	Contextualizing Personalized Recommendations	35.000
2009-2011	Principal Investigator	Deutsche Telekom	RECOM Recommendation trends and roadmap 1 & 2	55.000
2009-2012	Principal Investigator	Province BZ funding	Mobile Analytical Services for Medical Data Warehouses	125.000
2008-2010	Principal Investigator	Central Research Commission - UNIBZ	Real-Time Recommendation Revision and Explanation for a Network of Mobile Users	25.000
2008-2009	Principal Investigator	Central Research Commission - UNIBZ	Cleansing of Short Strings in Databases Containing Personal Data	17.000
2007-2009	Principal Investigator	Central Research Commission - UNIBZ	Adaptive data processing and analysis techniques in eGovernment	40.500
2006-2008	Principal Investigator	ECCA eTourism competence center Austria	etPackaging – Dynamic Packaging in eTourism	49.900
2004-2005	Partner PI	EU Funding	European Tourist Destination Portal	193.800
2004-2005	Partner PI	eTEN C510828	HarmoTen -	21.600
2001-2004	PI	IST-2000-29474	DieToRecs - Intelligent Recommendation for Tourist Destination Decision Making	1.500.000
2000-2004	Technical PI	Fondazione Caritro	eCommerce and Tourism	1.900.000

2001-2003	Partner PI	IST-2000-29329	Harmonise	339.000
1992-1995	Technical PI	EspritIII n. 6095	CHARADE - DSS providing powerful facilities for situation assessment and intervention planning in environmental emergencies	

Selected Publications (from 2010)

Edited Books and Journals

1. Paolo Cremonesi, Francesco Ricci, Shlomo Berkovsky, Alexander Tuzhilin: Proceedings of the Eleventh ACM Conference on Recommender Systems, RecSys 2017, Como, Italy, August 27-31, 2017. ACM 2017, ISBN 978-1-4503-4652-8
2. Mouzhi Ge, Francesco Ricci: Proceedings of the 2nd International Workshop on Decision Making and Recommender Systems, Bolzano, Italy, October 22-23, 2015. CEUR Workshop Proceedings 1533, CEUR-WS.org 2015
3. Panagiotis Bours, Neal Lathia, Matthias Renz, Francesco Ricci, Dimitris Sacharidis: Proceedings of the Workshop on Location-Aware Recommendations, LocalRec 2015, co-located with the 9th ACM Conference on Recommender Systems (RecSys 2015), Vienna, Austria, September 19, 2015. CEUR Workshop Proceedings 1405, CEUR-WS.org 2015
4. Francesco Ricci, Kalina Bontcheva, Owen Conlan, Séamus Lawless: User Modeling, Adaptation and Personalization - 23rd International Conference, UMAP 2015, Dublin, Ireland, June 29 - July 3, 2015. Proceedings. Lecture Notes in Computer Science 9146, Springer 2015, ISBN 978-3-319-20266-2
5. Francesco Ricci, Lior Rokach, Bracha Shapira: Recommender Systems Handbook. Springer 2015, ISBN 978-1-4899-7636-9
6. Mouzhi Ge, Francesco Ricci (Eds.): Proceedings of the First International Workshop on Decision Making and Recommender Systems (DMRS2014), Bolzano, Italy, September 18-19, 2014. CEUR Workshop Proceedings 1278, CEUR-WS.org 2014
7. Vania Dimitrova, Tsvi Kuflik, David Chin, Francesco Ricci, Peter Dolog, Geert-Jan Houben (Eds.): User Modeling, Adaptation, and Personalization - 22nd International Conference, UMAP 2014, Aalborg, Denmark, July 7-11, 2014. Proceedings. Lecture Notes in Computer Science 8538, Springer 2014, ISBN 978-3-319-08785-6
8. Li Chen, Marco de Gemmis, Alexander Felfernig, Pasquale Lops, Francesco Ricci, Giovanni Semeraro, Martijn C. Willemsen (Eds.): Proceedings of the 3rd Workshop on Human Decision Making in Recommender Systems in conjunction with the 7th ACM Conference on Recommender Systems (RecSys 2013), Hong Kong, China, October 12, 2013. CEUR Workshop Proceedings 1050, CEUR-WS.org 2013
9. Marco de Gemmis, Alexander Felfernig, Pasquale Lops, Francesco Ricci, Giovanni Semeraro, Martijn Willemsen. Decisions@Recsys 2012, Human Decision Making in Recommender Systems. Proceedings of the 2nd Workshop on Human Decision Making in Recommender Systems, in conjunction with the 6th ACM Conference on Recommender Systems (RecSys 2012). Dublin, Ireland, September 9, 2012. CEUR vol-893
10. Bern Ludwig, Francesco Ricci, Zerrin Yumak, Nava Tintarev, Rong Hu, Pearl Pu. Joint Proceedings of the First International Workshop on Recommendation Technologies for Lifestyle Change (LIFESTYLE 2012) and the First International Workshop on Interfaces for Recommender Systems (InterfaceRS 2012). Workshops at the 6th ACM Conference on Recommender Systems, RECSYS 2012 Dublin, Ireland, September 13, 2012. CEUR vol-891

11. Fuchs, Matthias; Ricci, Francesco; Cantoni, Lorenzo (Eds.) Information and Communication Technologies in Tourism 2012, Proceedings of the International Conference in Helsingborg, Sweden, January 24-27, 2012, XIV, 530 p. 87 illus. Softcover, ISBN 978-3-7091-1141-3
12. Rob Law, Matthias Fuchs, Francesco Ricci (Eds.). Information and Communication Technologies in Tourism 2011, Proceedings of the International Conference in Innsbruck, Austria, January 26-28, 2011. 1st Edition., 2011, XVI, 610 p. 129 illus., Softcover, ISBN: 978-3-7091-0502-3
13. Francesco Ricci, Lior Rokach, Bracha Shapira, Paul B. Kantor (Eds.). Recommender Systems Handbook. 1st Edition. 2011, 845 p. 20 illus., Hardcover, ISBN: 978-0-387-85819-7
14. Markus Zanker, Francesco Ricci, Dietmar Jannach, Loren G. Terveen. Special issue on Measuring the Impact of Personalization and Recommendation on User Behaviour. International Journal of Humamn-Computer Studies Vol 68 (issue 8), 2010.

Journal Publications

1. Thuy Ngoc Nguyen, Francesco Ricci: A chat-based group recommender system for tourism. *J. of IT & Tourism* 18(1-4): 5-28 (2018)
2. Amra Delic, Julia Neidhardt, Thuy Ngoc Nguyen, Francesco Ricci: An observational user study for group recommender systems in the tourism domain. *J. of IT & Tourism* 19(1-4): 87-116 (2018)
3. Marko Gasparic, Andrea Janes, Francesco Ricci, Gail C. Murphy, Tural Gurbanov: A graphical user interface for presenting integrated development environment command recommendations: Design, evaluation, and implementation. *Information & Software Technology* 92: 236-255 (2017)
4. Chulmo Koo, Francesco Ricci, Cihan Cobanoglu, Fevzi Okumus: Special issue on smart, connected hospitality and tourism. *Information Systems Frontiers* 19(4): 699-703 (2017)
5. Matthias Braunhofer, Francesco Ricci: Selective contextual information acquisition in travel recommender systems. *J. of IT & Tourism* 17(1): 5-29 (2017)
6. Marko Gasparic, Gail C. Murphy, Francesco Ricci: A context model for IDE-based recommendation systems. *Journal of Systems and Software* 128: 200-219 (2017)
7. Mehdi Elahi, Francesco Ricci, Neil Rubens: A survey of active learning in collaborative filtering recommender systems. *Computer Science Review* 20: 29-50 (2016)
8. Victor Codina, Francesco Ricci, Luigi Ceccaroni: Distributional semantic pre-filtering in context-aware recommender systems. *User Model. User-Adapt. Interact.* 26(1): 1-32 (2016)
9. Ignacio Fernández-Tobías, Matthias Braunhofer, Mehdi Elahi, Francesco Ricci, Iván Cantador: Alleviating the new user problem in collaborative filtering by exploiting personality information. *User Model. User-Adapt. Interact.* 26(2-3): 221-255 (2016)
10. Hannes Werthner, Aurkene Alzua-Sorzabal, Lorenzo Cantoni, Astrid Dickinger, Ulrike Gretzel, Dietmar Jannach, Julia Neidhardt, Birgit Pröll, Francesco Ricci, Miriam Scaglione, Brigitte Stangl, Oliviero Stock, Markus Zanker: Future research issues in IT and tourism. *J. of IT & Tourism* 15(1): 1-15 (2015)
11. Matthias Braunhofer, Mehdi Elahi, Francesco Ricci: Techniques for cold-starting context-aware mobile recommender systems for tourism. *Intelligenza Artificiale* 8(2): 129-143 (2014)
12. Marius Kaminskas, Ignacio Fernández- Tobías, Francesco Ricci and Iván Cantador. Knowledge-based identification of music suited for places of interest. *Information Technology & Tourism*, 14(1): 73-95. 2014. DOI 10.1007/s40558-014-0004-x
13. Linas Baltrunas, Francesco Ricci: Experimental evaluation of context-dependent collaborative filtering using item splitting. *User Model. User-Adapt. Interact.* 24(1-2): 7-34 (2014)
14. Nicola Di Mauro, Paolo Frasconi, Fabrizio Angiulli, Davide Bacciu, Marco de Gemmis, Floriana Esposito, Nicola Fanizzi, Stefano Ferilli, Marco Gori, Francesca A. Lisi, Pasquale Lops, Donato Malerba, Alessio Micheli, Marcello Pelillo, Francesco Ricci, Fabrizio Riguzzi, Lorenza Saitta, Giovanni Semeraro: Italian Machine Learning and Data Mining research: The last years. *Intelligenza Artificiale* 7(2): 77-89 (2013)
15. Li Chen, Marco de Gemmis, Alexander Felfernig, Pasquale Lops, Francesco Ricci, Giovanni Semeraro. Human Decision Making and Recommender Systems. *ACM Transactions on Interactive Intelligent Systems*, Vol. 3, No. 3, 2013.
16. Mehdi Elahi, Francesco Ricci, Neil Rubens. Active Learning Strategies for Rating Elicitation in Collaborative Filtering: a System-Wide Perspective. *ACM Transaction on Intelligent Systems and Technology*, 5(1): 13 (2013)

17. Matthias Braunhofer, Marius Kaminskas, Francesco Ricci. Location-aware music recommendation. *International Journal of Multimedia Information Retrieval*. DOI 10.1007/s13735-012-0032-2 2(1): 31-44 (2013)
18. Marius Kaminskas, Francesco Ricci. Contextual music information retrieval and recommendation: state of the art and challenges. *Computer Science Review*. 6 (2012) pp. 89-119, DOI: 10.1016/j.cosrev.2012.04.002
19. Shlomo Berkovsky, Tsvi Kuflik, Francesco Ricci: The impact of data obfuscation on the accuracy of collaborative filtering. *Expert Syst. Appl.* 39(5): 5033-5042 (2012)
20. Linas Baltrunas, Bernd Ludwig, Stefan Peer, and Francesco Ricci. Context relevance assessment and exploitation in mobile recommender systems. *Personal and Ubiquitous Computing*. 16(5): 507-526 (2012)
21. Gedas Adomavicius, Bamshad Mobasher, Francesco Ricci, Alexander Tuzhilin. Context-Aware Recommender Systems. *AI Magazine*. 32(3): 67-80. 2011.
22. Francesco Ricci. Mobile Recommender Systems, *International Journal of Information Technology and Tourism*. 12(3): 205-231, 2011.
23. Fabian Lorenzi, Ana L.C. Bazzan, Mara Abel, Francesco Ricci. Improving recommendations through an assumption-based multiagent approach: An application in the tourism domain. *Expert Systems with Applications*. 38: 14703–14714. 2011.
24. Walid Trabelsi, Nic Wilson, Derek G. Bridge, Francesco Ricci: Preference Dominance Reasoning for Conversational Recommender Systems: a Comparison between a Comparative Preferences and a Sum of Weights Approach. *International Journal on Artificial Intelligence Tools* 20(4): 591-616 (2011)
25. Markus Zanker, Francesco Ricci, Dietmar Jannach, Loren G. Terveen: Measuring the impact of personalization and recommendation on user behaviour. *Int. J. Hum.-Comput. Stud.* 68(8): 469-471, 2010.
26. Fabiana Lorenzi, Gabriel Baldo, Rafael Costa, Mara Abel, Ana Bazzan, and Francesco Ricci. A Trust Model for Multiagent Recommendations. *Journal of Emerging Technologies in Web Intelligence*. 2(4): 310-318, 2010.
27. Tariq Mahmood, Francesco Ricci, and Adriano Venturini. Improving Recommendation Effectiveness by Adapting the Dialogue Strategy in Online Travel Planning. *International Journal of Information Technology and Tourism*, 11 (4):285-302, 2010. BEST PAPER of vol. 11 award

Papers in Books

1. Kaminskas, Marius and Ricci, Francesco: Emotion-Based Matching of Music to Places. In *Emotions and Personality in Personalized Services: Models, Evaluation and Applications*. 2017: 287-310.
2. Francesco Ricci, Lior Rokach, Bracha Shapira: Recommender Systems: Introduction and Challenges. *Recommender Systems Handbook 2015*: 1-34
3. Francesco Ricci: Recommender Systems: Models and Techniques. *Encyclopedia of Social Network Analysis and Mining 2014*: 1511-1522
4. F. Ricci, L. Rokach, B. Shapira: Introduction to Recommender Systems Handbook. In Ricci, F.; Rokach, L.; Shapira, B.; Kantor, P.B. (Eds.), *Recommender Systems Handbook*. Pages 1-35, 2011.

Peer Reviewed Conference Publications

1. Marko Gasparic, Tural Gurbanov, Francesco Ricci: Improving integrated development environment commands knowledge with recommender systems. *ICSE (SEET) 2018*: 88-97
2. David Massimo, Elena Not, Francesco Ricci: User Behaviour Analysis in a Simulated IoT Augmented Space. *IUI Companion 2018*: 8:1-8:2
3. Thuy Ngoc Nguyen, Francesco Ricci: Situation-dependent combination of long-term and session-based preferences in group recommendations: an experimental analysis. *SAC 2018*: 1366-1373
4. Fabiana Lorenzi, Rodrigo G. da Rosa, Alessandra Peres, Gilson Pires Dorneles, André Peres, Francesco Ricci: Tailoring Training for Obese Individuals with Case-Based Reasoning. *BCB 2017*: 142-147
5. Tural Gurbanov, Francesco Ricci: Exploiting Multiple Action Types in Recommender Systems. *IIR 2017*: 72-75
6. Thuy Ngoc Nguyen, Francesco Ricci: Preference Elicitation for Group Recommender Systems. *IIR 2017*: 76-79

7. Marko Gasparic, Andrea Janes, Francesco Ricci, Marco Zanellati: GUI Design for IDE Command Recommendations. *IUI 2017*: 595-599
8. Marko Gasparic, Tural Gurbanov, Francesco Ricci: Context-aware integrated development environment command recommender systems. *ASE 2017*: 688-693
9. Marko Tkalcic, Nima Maleki, Matevz Pesek, Mehdi Elahi, Francesco Ricci, Matija Marolt: A Research Tool for User Preferences Elicitation with Facial Expressions. *RecSys 2017*: 353-354
10. Tural Gurbanov, Francesco Ricci: Action prediction models for recommender systems based on collaborative filtering and sequence mining hybridization. *SAC 2017*: 1655-1661
11. Thuy Ngoc Nguyen, Francesco Ricci: Dynamic elicitation of user preferences in a chat-based group recommender system. *SAC 2017*: 1685-1692
12. David Massimo, Mehdi Elahi, Francesco Ricci: Learning User Preferences by Observing User-Items Interactions in an IoT Augmented Space. *UMAP (Adjunct Publication) 2017*: 35-40
13. Hanna Schäfer, Mehdi Elahi, David Elweiler, Georg Groh, Morgan Harvey, Bernd Ludwig, Francesco Ricci, Alan Said: User Nutrition Modelling and Recommendation: Balancing Simplicity and Complexity. *UMAP (Adjunct Publication) 2017*: 93-96
14. Saikishore Kalloori, Francesco Ricci: Improving Cold Start Recommendation by Mapping Feature-Based Preferences to Item Comparisons. *UMAP 2017*: 289-293
15. David Massimo, Mehdi Elahi, Mouzhi Ge, Francesco Ricci: Item Contents Good, User Tags Better: Empirical Evaluation of a Food Recommender System. *UMAP 2017*: 373-374
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