

Attachment 'C'

University Academic Curriculum Vitae

Personal information

Name: Francesco BARILE
Place of birth: Napoli
Date of birth: 11/04/1086
Nationality: Italian
Number of children: 0
Year of birth of the children: -
Address: Via Marconi 21/B – 39100 – Napoli (NA)
Telephone numbers:

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Education since leaving school

2018: PhD in “Computer Science” at the University of Naples Federico II, Italy.

2012: Master’s Degree in “Computer Science” at the University of Naples FEDERICO II, Italy. Score 110/110 cum laude.

2008: Bachelor’s Degree in “Computer Science” at the University of Naples FEDERICO II, Italy. Score 110/110.

Present appointment

Research Assistant at the Free University of Bozen-Bolzano
Working on the “Infojuice Recommender - IREC” project, where I am analyzing and developing a Recommender System for news based on implicit and explicit feedback to support the users of the InfoJuice application, provided by the Euregio company.

Professional experience

Chronological list of all previous employments (each with job title, starting and finishing dates, level, employer, responsibilities)

From / to	Job title	Name of academic Institution	Academic level	Responsibilities
2014 (Oct)/ 2017 (Nov)	PhD Student in Computer Science	University of Naples Federico II, Department of Mathematics and Applications	PhD Student	- Research activity on Recommender Systems, Group Recommenders and Group Decision Making. - Coordination and support on

				several bachelor's and master's degrees - Teaching support for the courses: Multi-Agent Systems (A.A. 2016-17, 2015-16) and Programming (A.A. 2016-17)
2017 (Jan)/ 2017 (May)	Postgraduate Student (PhD) in Computing Science	University of Aberdeen	Visiting PhD Student	Research activity on Group Recommenders and Group Decision Making.
2014 (Jun)/ 2014 (Oct)	Research Assistant	P.R.I.S.C.A. Laboratory, University of Naples Federico II	Research Assistant	Design and development of a Group Recommendation System for smart tourism, within the research project "ORCHESTRA" (ORganization of Cultural HEritage for Smart Tourism and Real-time Accessibility)
2012 (May)/ 2014 (May)	Analyst Consultant	Capgemini S.p.A.	Analyst Consultant	Analysis, Design, Development and Maintenance of several Enterprise Content Management (ECM) projects

Participation in exhibitions (where applicable)

List of major exhibitions, Title, date, location:

3rd International Workshop on Decision Making and Recommender Systems (DMRS 2018), Bozen-Bolzano, Italy, November 29-30.

17th International Conference of the Italian Association for Artificial Intelligence (AI*IA 2018), Trento, Italy, November 20-23.

9th Italian Information Retrieval Workshop (IIR 2018), Rome, Italy, May 28-30

11th ACM Conference on Recommender Systems (RECSYS 2017), Como, Italy, August 27-31, 2017.

25th Conference on User Modeling, Adaptation and Personalization (UMAP 2017), Bratislava, Slovakia, July 9-12, 2017.

2nd International Workshop on Human Aspects in Adaptive and Personalized Interactive Environments (HAAPIE 2017).

12th International Conference on Signal Image Technology and Internet Based Systems (SITIS 2016), Naples, Italy, November 28- December 1, 2016.

3rd International Workshop on Visions on Internet of Cultural Things and Applications (VICTA 2016).

7th International Conference on Emerging Ubiquitous Systems and Pervasive Networks (EUSPN 2016), London, United Kingdom, September 19-22, 2016.

International Workshop on Data Mining on IoT Systems (DaMIS16)

22nd European Conference on Artificial Intelligence (ECAI 2016), The Hague, Holland, August 19 - September 2, 2016.

2nd Workshop on Conflict Resolution in Decision Making (COREDEMA 2016)

14th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS 2016), Siviglia, Spain, June 1-3, 2016.

18th Conference on Principles and Practice of Multi-Agent Systems (PRIMA 2015), Bertinoro, Italy, October 26-30, 2015.

2nd International Workshop on Decision Making and Recommender Systems (DMRS 2015), Bolzano, Italy, October 22-23, 2015.

16th Workshop "From Objects to Agents" (WOA 2015), Napoli, Italy, June 17-19, 2015.

13th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS 2015), Salamanca, Spain, June 3-5, 2015.

11th International Conference on Web Information Systems and Technologies (WEBIST 2015), Lisbona, Portugal, May 20-22, 2015.

12th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2015), Istanbul, Turkey, May 4-8, 2015.

8th International Workshop on Agent-based Complex Automated Negotiations (ACAN2015)

15th Workshop "From Objects to Agents" (WOA 2014), Catania, Italy, September 25-26, 2014.

**Experience in
academic teaching**

2018-19

Lecturing Assistant for the Web and Internet Engineering course, Free University of Bozen-Bolzano

2016-17

Teaching support for the Multi-Agent Systems and Programming courses, held by prof. Silvia Rossi, University of Naples Federico II

2015-16

Teaching support for the Multi-Agent Systems course, held by prof. Silvia Rossi, University of Naples Federico II

Other academic responsibilities

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Memberships

2019 Program Committee member: UMAP 2019, IIR 2019, MUSD 2019
Reviewer: IJCAI 2019, WOA 2019
2018 Program Committee member: IIR 2018
2017 Reviewer: IJCAI 2017, CF-17
2016 Program Committee member: WOA 2016.
2015 Local Organization Committee member: WOA 2015.

Research and scholarships

Date granted	Award Holder(s)	Funding Body	Title	Amount received
2019 (Apr)	Free University of Bozen-Bolzano		Research Assistant Contract	€ 22,000 over 12 months
2018 (Mar)/ 2019 (Feb)	Free University of Bozen-Bolzano		Research Assistant Contract	€ 22,000 over 12 months
2014 (Oct)/ 2017 (Nov)	University of Naples Federico II, Department of Mathematics and Applications		PhD in Computer Science Scholarship	€ 36,000 over 3 years
2014 (Jun)/ 2014 (Oct)	University of Naples Federico II, Department of Physics		Research Assistant Contract	€ 7,500 over 5 months
2017 (Jul)	UMAP Student Travel Award Program		Support for the presentation of a paper in the 25th Conference on User Modeling, Adaptation and Personalization (UMAP 2017)	€ 231
2016 (Aug)	ECCAI/EurAi Travel Award		Support for the participation in the 22nd European Conference on Artificial Intelligence (ECAI 2016)	€ 500

Publications

Journal Papers

- * S. Rossi, F. Cervone, F. Barile, "An Altruistic-Based Utility Function for Group Recommendation", *Trans. Computational Collective Intelligence* (28) 25-47 (2018). doi:10.1007/978-3-319-78301-7_2, 2018.
- * S. Rossi, F. Barile, C. Galdi, and L. Russo, "Recommendation in museums: paths, sequences, and group satisfaction maximization", *Multimedia Tools and Applications*, 2017, pp. 1-25, issn:1573-7721, doi:10.1007/s11042-017-4869-5, 2017.
- * S. Rossi, F. Barile, S. Di Martino and D. Improta, "A comparison of two preference elicitation approaches for museum recommendations", *Concurrency and Computation: Practice and Experience*, issn:1532-0634, doi:10.1002/cpe.4100, 2017.
- F. Barile, A. Rossi, M. Staffa, C. Di Napoli and S. Rossi, "QoS-aware task distribution to a team of robots: an healthcare case study", *Intelligenza Artificiale* 9(2), 179-192, ISSN: 1724-8035, doi:10.3233/IA-150087, 2015.
- * S. Rossi, F. Barile and A. Caso, "Dominance Weighted Social Choice Functions for Group Recommendations", *Advances in Distributed Computing and Artificial Intelligence Journal* 4(1), 65-79, ISSN: 2255-2863, doi:10.14201/ADCAIJ2015416579, 2015.

Book Chapters and Volumes

- F. Barile, L. Bove, C. Di Napoli and S. Rossi, "City Parking Allocations as a Bundle of Society-Aware Deals", In *Agent-Based Modeling of Sustainable Behaviors*, Springer International Publishing, ISBN:978-3-319-46331-5, doi=10.1007/978-3-319-46331-5_8, pp.167-186, 2017.
- * S. Rossi, C. Di Napoli, F. Barile, L. Liguori, "A Multi-agent System for Group Decision Support Based on Conflict Resolution Styles", in *Conflict Resolution in Decision Making: Second International Workshop, COREDEMA 2016, Revised Selected Papers*, 2017, Springer International Publishing, pp. 134-148, isbn=978-3-319-57285-7, doi:10.1007/978-3-319-57285-7_9, 2017.
- * S. Rossi, F. Barile, A. Caso and A. Rossi, "Pre-trip Ratings and Social Networks User Behaviors for Recommendations in Touristic Web Portals", In *Web Information Systems and Technologies: 11th International Conference, WEBIST 2015 Revised Selected Papers, Lecture Notes in Business Information Processing series 426*, ISBN:978-3-319-30996-5, doi=10.1007/978-3-319-30996-5_15, Springer International Publishing, pp.297-317, 2016.

Conference Papers

- * F. Barile, Judith Masthoff and S. Rossi, "Modeling the Changing of the Individual Satisfaction in a Group Context: a Study on Two Sized Groups", in *International Conference of the Italian Association for*

Artificial Intelligence (pp. 489-501). Springer, Cham, 2018.

- * F. Barile, S. Rossi and Judith Masthoff, "The Adaptation of an Individual's Satisfaction to Group Context: the Role of Ties Strength and Conflicts", in Proceedings of the 25th Conference on User Modeling Adaptation and Personalization (UMAP 2017), 2017.

S. Rossi, F. Cervone and F. Barile, "An Off-line Evaluation of Users' Ranking Metrics in Group Recommendation", in Proceedings of the 9th International Conference on Agents and Artificial Intelligence (ICAART) Vol. 1, pp.252-259, SCITEPRESS, ISBN:978-989-758-219-6, 2017.

- * S. Rossi and F. Barile and C. Galdi and L. Russo, "Artworks Sequences Recommendations for Groups in Museums", in Proceedings of the 12th International Conference on Signal-Image Technology Internet-Based Systems (SITIS), 2016, pp.455-462, doi=10.1109/SITIS.2016.77.

S. Rossi, C. Di Napoli, F. Barile, A. Rossi and M. Staffa, "Negotiating and Executing Composite Tasks for QoS-Aware Teams of Robots", Trends in Practical Applications of Scalable Multi-Agent Systems, the PAAMS Collection, Springer International Publishing, pp. 201-210, isbn:978-3-319-40159-1, doi:10.1007/978-3-319-40159-1_17, 2016.

- * S. Rossi, F. Barile, A. Caso, "User and Group Profiling in Touristic Web Portals Through Social Networks Analysis", In Proceedings of WEBIST 2015 - 11th International Conference on Web Information Systems and Technologies, pp. 455-465, SCITEPRESS, ISBN:978-989-758-106-9, doi:10.5220/0005448704550465, 2015.

F. Barile, C. Di Napoli, D. Di Nocera, and S. Rossi, "Evaluating the Social Benefit of a Negotiation-Based Parking Allocation", in Advances in Practical Applications of Agents, Multi-Agent Systems, and Sustainability: The PAAMS Collection, LNCS (9086) 2015, ISBN=978-3-319-18943-7, DOI=10.1007/978-3-319-18944-4_2, Springer International Publishing, pp.15-26, 2015.

- * S. Rossi, A. Caso, and F. Barile, "Combining Users and Items Rankings for Group Decision Support", in Trends in Practical Applications of Agents, Multi-Agent Systems and Sustainability, Advances in Intelligent Systems and Computing (372), 2015, isbn:978-3-319-19628-2, doi:10.1007/978-3-319-19629-9_17, Springer International Publishing, pp.151-158, 2015.

F. Barile, D.M. Calandra, A. Caso, D. D'Auria, D. Di Mauro, F. Cutugno, and S. Rossi, "ICT Solutions for the OR.C.HE.S.T.R.A. Project: From Personalized Selection to Enhanced Fruition of Cultural Heritage Data", in Proceedings of Tenth International Conference on Signal-Image Technology and Internet-Based Systems (SITIS), IEEE pp.501--507, 23-27 Nov. 2014. doi: 10.1109/SITIS.2014.12, 2014.

Workshop Papers

- * F. Barile, S. Rossi and Judith Masthoff, "A Detailed Analysis of the Impact of Tie Strength and Conflicts on Social Influence", in the 2nd International Workshop on Human Aspects in Adaptive and Personalized Interactive Environments (HAAPIE 2017), in conjunction with the 25th Conference on User Modeling Adaptation and Personalization (UMAP

2017), 2017.

S. Rossi, F. Barile, D. Improta and L. Russo, "Towards a Collaborative Filtering Framework for Recommendation in Museums: from Preference Elicitation to Group's Visits", in *Procedia Computer Science*, vol 98C, pp. 431-436, doi: 10.1016/j.procs.2016.09.067, 2016.

* S. Rossi, C. Di Napoli, F. Barile and L. Liguori, "Conflict Resolution Profiles and Agent Negotiation for Group Recommendations", in *Proc. of the 17th Workshop "From Objects to Agents" (WOA 2016)*, co-located with 18th European Agent Systems Summer School (EASSS 2016), Catania, Italy, June 29-30, CEUR-Workshop Proc. (1664), pp. 29-34, 2016.

* F. Barile, F. Cervone and S. Rossi, "Evaluating User's Personality and Social Interactions for Groups Recommendations", in *Proceedings of the 2nd International Workshop on Decision Making and Recommender Systems*, Bolzano, Italy, October 22-23, CEUR Workshop Proceedings (1533), pp. 17-20, 2015.

F. Barile, A. Rossi, M. Staffa, C. Di Napoli and S. Rossi, "A Market Mechanism for QoS-aware Multi-Robot Task Allocation", in *Proceedings of the 16th Workshop "From Objects to Agents" WOA15*, CEUR Workshop Proceedings (1382), pp. 129-134, 2015.

F. Barile, A. Caso, and S. Rossi, "Group Recommendation for Smart Applications: a Multi-agent View of the Problem", *Proceedings of the 15th Workshop "From Objects to Agents"*, Catania (Italy), September 2014, CEUR workshop proceedings, vol 1260 ISSN:1613-0073, 2014.

**Publications about
the applicant**

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Further data

2018

17th International Conference of the Italian Association for Artificial Intelligence (AI*IA 2018), Trento, Italy, November 20-23:
- Presentation at the main conference and in the poster session of the paper "Modeling the Changing of the Individual Satisfaction in a Group Context: a Study on Two Sized Groups"

2017

25th Conference on User Modeling, Adaptation and Personalization (UMAP 2017), Bratislava, Slovakia, July 9-12:
- Presentation at the main conference of the poster "The Adaptation of an Individual's Satisfaction to Group Context: the Role of Ties Strength and Conflicts"
- Presentation at the 2nd International Workshop on Human Aspects in Adaptive and Personalized Interactive Environments (HAAPIE 2017) of the paper "A Detailed Analysis of the Impact of Tie Strength and Conflicts on Social Influence"

2016

12th International Conference on Signal Image Technology and Internet Based Systems (SITIS 2016), Naples, Italy, November 28- December 1:

- Presentation at the 3rd International Workshop on Visions on Internet of Cultural Things and Applications (VICTA 2016) of the paper "Artworks Sequences Recommendations for Groups in Museums"

7th International Conference on Emerging Ubiquitous Systems and Pervasive Entrepreneurship Statement of interest Networks (EUSPN 2016), London, United Kingdom, September 19-22:

- Presentation at the International Workshop on Data Mining on IoT Systems (DaMIS16) of the paper "Towards a Collaborative Filtering Framework for Recommendation in Museums: from Preference Elicitation to Group's Visits"
- Presentation as speaker at the International Workshop on Data Mining on IoT Systems (DaMIS16) of the paper "An Architecture for a Mobility Recommender System in Smart Cities"

22nd European Conference on Artificial Intelligence (ECAI 2016), The Hague, Holland, August 19 - September 2:

- Presentation at the 2nd Workshop on Conflict Resolution in Decision Making (COREDEMA 2016) of the paper "A Multi-Agent System for Group Decision Support based on Conflict Resolution Styles"

14th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS 2016), Siviglia, Spain, June 1-3:

- Presentation of the paper "Negotiating and Executing Composite Tasks for QoS-Aware Teams of Robots".

2015

2nd International Workshop on Decision Making and Recommender Systems (DMRS 2015), Bolzano, Italy, October 22-23:

- Presentation of the poster "Evaluating User's Personality and Social Interactions for Groups Recommendations".

13th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS 2015), Salamanca, Spain, June 3-5:

- Presentation of the paper "Combining Users and Items Rankings for Group Decision Support".
- Presentation of the paper "Evaluating the Social Benefit of a Negotiation-Based Parking Allocation".

11th International Conference on Web Information Systems and Technologies (WEBIST 2015), Lisbona, Portugal, May 20-22:

- Presentation of the paper "User and Group Profiling in Touristic Web Portals Through Social Networks Analysis".

12th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2015), Istanbul, Turkey, May 4-8:

- Presentation as speaker at the 8th International Workshop on Agent-based Complex Automated Negotiations (ACAN2015) of the paper "Computing Pareto Optimal Agreements in Multi-issue Negotiation for Service Composition".

2014

15th Workshop "From Objects to Agents" (WOA 2014), Catania, Italy, September 25-26, 2014

- Presentation of the paper "Group Recommendation for Smart Applications: a Multi-agent View of the Problem"

Entrepreneurship

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Statement of interest

Given my research experience in Recommendation Systems, acquired during my PhD and my past Research Assistant contracts, I am sure that I will contribute on the project and even on the research activities on these topics in the Free University of Bozen-Bolzano. Furthermore, I have experience with the design and development of enterprise applications, given my two-years working experience as Analyst and Consultant, hence I can provide a professional and proactive contribution to the design and the development of the final system.

Language competence

Mother tongue: Italian

Foreign Languages:

- English: C1 (PTE certificate attached)

- French: A2 (self evaluation)

Driving license

B

Date

Signature