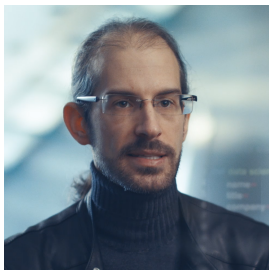


CONTACT	<i>Phone:</i> +45 60908918 <i>Website:</i> www.lajello.com	<i>Email:</i> luai@itu.dk Google Scholar	
EDUCATION	Ph.D., Computer Science , University of Turin, Italy. 2012 Advisor: Prof. Giancarlo Ruffo M.Sc., Computer Science , University of Turin, Italy. 2008 110/110 summa cum Laude, Official Mention B.Sc., Computer Science , University of Turin, Italy. 2006 110/110 summa cum Laude.		
PROFESSIONAL EXPERIENCE	ITU , Copenhagen, DK. Associate Professor.	Feb 1 st 2021 – ongoing	
	Nokia Bell Labs , Cambridge, UK. Senior Research Scientist.	Jun 2016 – Jan 2021	
	ISI Foundation Torino, Research Fellow.	Oct 2016 – Oct 2019	
	Yahoo Labs London, UK. Research Scientist.	Apr 2015 – Jun 2016	
	Yahoo Labs Barcelona, Spain. Research Scientist.	Sep 2013 – Apr 2015	
	Yahoo Labs Barcelona, Spain. Postdoctoral Researcher.	Jan 2012 – Aug 2013	
	Yahoo Labs , Sunnyvale, CA. Intern.	Jan 2011 – Jun 2011	
	Indiana University CNetS , Bloomington, IN. Visiting scholar.	Nov 2010 – Jun 2011	
RESEARCH ACTIVITY	I conduct research in Computational Social Science. My main goal is to use large-scale digital data to quantify people’s well-being and build systems that can improve it. At Yahoo Labs, I built services for Flickr and Tumblr. At Bell Labs, I used AI to monitor and enhance people’s health and well-being. At ITU, I am studying social coordination for societal good using at the intersection of network science, NLP, and social psychology.		
PUBLICATIONS SUMMARY	As of December 2023: 95 peer-reviewed papers, 3 patents published and 4 filed. According to Google Scholar , my h-index is 33 and I accrued a total of 5,353 citations.		
PROJECTS	COCOONS (cocoons.online) Collective coordination for social good.	2023 – 2025	
	Social Dynamics (www.social-dynamics.net) Sensor and sensorless sensing for digital health	2016 – 2020	
	GoodCityLife (www.goodcitylife.org) Urban informatics research to give people a good life in cities.	2015 – 2020	
	Yahoo Gemini (advertising.yahoo.com/gemini) Advertisement relevance: retrieving relevant ads to search queries.	2015 – 2016	
	Tumblr (www.tumblr.com) Design and development of the new blog recommendation service.	2015 – 2016	
	Flickr (www.flickr.com) Design and development of photo and contact recommendation services.	2013 – 2015	
	SocialSensor (www.socialsensor.eu) FP7 EU project about trend discovery in social media.	2012 – 2014	
	OSoMe (osome.iuni.iu.edu) Visualizing Twitter communication networks.	2011	

GRANTS AND HONORS	5.000.000 DKK (650.000€) Carlsberg Young Researcher Fellowship.	2022 – 2025.
	355.000 DKK (46.000€) for IC ² S ² organization by Otto Mønstedts, DDSA, Pioneer Centre, and Carlsberg foundation.	2022.
	ISI Foundation fellowship.	2016 – 2019.
	244.000€ Volkswagen grant for organization of conference series.	2017 – 2019
	25.000\$ Yahoo Labs grant for the project on recommenders on mobile devices	2013
	20.000\$ Yahoo Labs grant for the project on multiplex graphs	2012
	WICI Data Challenge 10.000\$ prize for graph visualization	2013
COMMUNITY SERVICE	Editorial service	
	Associated Editor of EPJ Data Science, 2017–present; Review Editor of Frontiers in Big Data, 2018–present; Guest Editor of Applied Network Science, 2019	
	Conference organization	
	General Chair of IC ² S ² ’23, SocInfo’14, and ESCSS’17; Program Chair of WebSci’24 ICWSM’22 and Complex Networks’18; Social media track chair of UMAP’17, Hypertext’17 and Hypertext’21; Workshop Chair of ICWSM’15; Tutorial Chair of ICWSM’16 and Complex Networks’20; Data Chair of ICWSM’18; Industrial Chair of DSAA’18; Organizer of the SNOW workshop at WWW in 2013, 2016, and 2017; Founding member and organizer of the DataBeers dissemination event in London (2015-2020).	
TEACHING	Program committee (selected)	
	I have been a program committee member of 200+ conference editions since 2010.	
	WWW 2012-2023; WSDM 2013-2014,2018,2020; ICWSM 2013-2021; CIKM 2012-2013,2017; SIGIR 2017-2018; ACM MM 2013-2015,2019; RecSys 2016,2018-2019; WebSci 2014-2015; HT 2014,2016-2018; SocInfo 2015-2017,2020; DSAA 2018-2019; ASONAM 2015,2018; ACM MM Grand Challenge 2013; MediaEval 2013; NetSci 2017-2018,2020; CCS 2017-2018,2020; IC ² S ² 2016-2022; Complex Networks 2019-2022; Reviewer for several journals including Nature Communications, CACM, RSOS, TWEB, TKDE, PlosOne, ComCom, JSS.	
	Head of Study Program for the Master in Data Science (ITU)	2022 – ongoing
	Teacher in the Master in Data Science (ITU)	
	Data in the Wild (data collection, wrangling, labeling and visualization)	2021 – ongoing
	Data Science in Production (IR, recommender systems, DevOps)	2022 – ongoing
	Mentorship	
	ITU: 2 PhD students (tbd 2025), 4 MSc thesis, 1 BSc thesis.	2021 – today
	Nokia Bell Labs: 22 PhD interns for 3-months projects.	2016 – 2020
	Yahoo Labs: 2 PhD students for 3 years, 11 PhD interns for 3–9 months.	2012 – 2016
	University of Turin: 3 BSc theses and 2 MSc theses (cosupervision).	2009 – 2010
	Guest lectures and Schools (selected)	
	UCL: Data Science lecture at Global Business School for Health	2023
	Ghent University: Data Science lecture at Ghent Summer of Dans	2022
	Universitat Pompeu Fabra: Web Intelligence master class	2019
	Greenwich Business School: Machine Learning master class.	2019
	University College Dublin: Data for Social Good master class	2019
	CSS Summer School, Berlin: Urban Informatics lecture	2019
	Urban Computing summer school, Barcelona: Urban Informatics lecture	2019
	Greenwich Business School: Big Data Analysis 1-day PhD tutorial	2017
	EPFL: Large Scale Data Mining master class	2016
	Big Dive, Turin: Computational Social Science 1-day tutorial.	2014
	ENGIM training school, Turin: 4-weeks class on Technical programming	2010

PRESS
COVERAGE
(SELECTED)

Over the last 10 years, my work has been covered by 300+ news articles.

- “Ultimate world sleep rankings”. Daily Mail, 2023
- “Weird pandemic dreams might be good for you, says researcher”. CBC Radio, 2022
- “NFTs Don’t Work the Way You Might Think They Do”. Wired, 2022
- “The NFT Economy Is Just as Unequal as the Real One”. Vice Motherboard, 2022
- “What do our dreams say about us?”. I don’t understand, with William Shatner, 2021
- “The NFT Economy Is Just as Unequal as the Real One”. Vice Motherboard, 2021
- “Do dreams reflect reality?”. The Economist, 2020.
- “AI can now design cities. Should we let it?”. FastCompany, Jan 2020.
- “Data Science Pioneers documentary”. Dataiku, 2019.
- “Poor but healthy”. Information is beautiful, Oct 2019.
- “Grocery bills can predict diabetes rates”. MIT Tech Review, 2019.
- “Tumblr Fans Abandon Ship as Tumblr Bans Porn”. New York Times, Dec 2018.
- “Predicting gentrification with social media”. Evening Standard, Jun 2018.
- “Brexit and Trump screwed with our hearts”. New Scientist, 2018.
- “London stinkmap could change urban planning”. Wired, 2015.
- “In a world of email, ASAP is relative”. WSJ, 2015.
- “Behind the numbers: Predicting consumer behavior”. WSJ, Oct 2015.
- “Computational Aesthetics algorithm spots beauty”. MIT Tech Review, 2015.
- “The shortest paths to happiness. Literally”. TED Ideas, 2015.
- “How Yahoo studies culture as a computational concept”. MIT Tech Review, 2014.
- “We Need This: Maps that find you the most scenic route”. Wired, 2014.
- “Do You Want to Help Build a Happier City?”. BBC Future, Dec 2013.
- “Quiet socialbot quickly gains a following”. New Scientist, 2011.

INVITED TALKS
(SELECTED)

Over the last 10 years, I have delivered 50+ keynotes and invited talks at events worldwide.

- “*Coloring Social Relationships*’ Keynote at French Regional Complex Systems Conference, Le Havre, France, 2023
- “*The color of social ties*” Invited talk at AnetLab, Budapest, Hungary, 2022.
- “*Fungibility in the NFT marker*” Invited talk at KAIST, Daejeon, Korea, 2022.
- “*Coloring Social Relationships*” Keynote at Discovery Science, Montpellier, France, 2022.
- “*Coloring Social Links*” Keynote talk at Cambridge network days, UK, 2019.
- “*The Spirit of the City*” Keynote talk at EGG Conference. London, UK, 2019.
- “*Your Life in a Grocery Bag*” Invited talk at Applied Machine Learning days. Lausanne, Switzerland, 2019
- “*Sensing Cities with Digital Data*” Keynote at Sensor Days. Cambridge, UK, 2018.
- “*The Science of Social Interactions*” Invited talk at the Royal Statistical Society. London, UK, 2018.
- “*Can we Map Happiness into Cities?*” Invited talk at Global Future Forum London, 2018.
- “*The Colors of Social Ties*” Keynote at ADBIS conference. Budapest, Hungary, 2018.
- “*Predictive Analytics in the Connected Society*”. Keynote at iKnow conference, Graz, Austria, 2017.
- “*A Tale of Beauty and Happiness*”. Keynote at MOD conference, Volterra, Italy, 2017.
- “*Chatty Maps*”. Royal Society Open Science event, London, UK, 2016
- “*A quest for urban happiness*”. Brainwash Festival, Amsterdam, Netherlands, 2015.
- “*How to keep industrial Research alive*”. NetSci Backstage, Zaragoza, Spain 2015.
- “*Supporting sociological theories with social media data mining*”. Keynote talk at SocInfo, Lausanne, Switzerland, 2012.

Luca Maria Aiello — List of Publications

ORCID: <https://orcid.org/0000-0002-0654-2527>

As of December 2022, I have published a total of **95 peer-reviewed papers**, including 37 papers in conference proceedings, 45 journal papers, 9 workshop papers, 2 book chapters, and 2 proceedings books. In addition, I published 3 patents and filed 4.

According to [Google Scholar](#), **my h-index is 33** and my papers received a total of **5,353 citations**.

Journals

1. L. La Cava, L.M. Aiello, A. Tagarelli “Drivers of social influence in the Twitter migration to Mastodon” **Nature Scientific Reports**, Dec 2023 [I.F. **5.133**]
2. S. Park, A. Zhunis, M. Constantinides, L. M. Aiello, D. Quercia, M. Cha “Social dimensions impact individual sleep quantity and quality” **Nature Scientific Reports**, Jun 2023 [I.F. **5.133**]
3. A. Venerandi, L. M. Aiello, S. Porta “Urban form and COVID-19 cases and deaths in Greater London: An urban morphometric approach” **Environment and Planning B: Urban Analytics and City Science**, Jun 2023 [I.F. **3.922**]
4. L. M. Aiello, S. Joglekar, D. Quercia “Multidimensional tie strength and economic development” **Nature Scientific Reports**, Dec 2022 [I.F. **5.133**]
5. C. Monti, L. M. Aiello, G. De Francisci Morales, F. Bonchi “The language of opinion change on social media under the lens of communicative action” **Nature Scientific Reports**, Oct 2022 [I.F. **5.133**]
6. A. Mekacher, A. Bracci, M. Nadini, M. Martino, L. Alessandretti, L. M. Aiello, A. Baronchelli “Heterogeneous rarity patterns drive price dynamics in NFT collections” **Nature Scientific Reports**, Aug 2022 [I.F. **5.133**]
7. L. Lucchini, L. M. Aiello, L. Alessandretti, G. De Francisci Morales, M. Starnini, A. Baronchelli “From Reddit to Wall Street: The role of committed minorities in financial collective action” **Royal Society Open Science**, Apr 2022 [I.F. **3.440**]
8. S. Scepanovic, L. M. Aiello, D. Barrett, D. Quercia “Epidemic dreams: dreaming about health during the COVID-19 pandemic” **Royal Society Open Science**, Jan 2022 [I.F. **3.440**]
9. K. Zhou, M. Constantinides, L. M. Aiello, S. Joglekar, D. Quercia “The Role of Different Types of Conversations for Meeting Success” **IEEE Pervasive Computing**, Nov 2021 [I.F. **4.418**]
10. M. Nadini, L. Alessandretti, F. Di Giacinto, M. Martino, L.M. Aiello, A. Baronchelli “Mapping the NFT revolution: market trends, trade networks, and visual features” **Nature Scientific Reports**, Oct 2021 [I.F. **5.133**]
11. L. M. Aiello, D. Quercia, K. Zhou, M. Constantinides, S. Scepanovic, S. Joglekar “How Epidemic Psychology works on Twitter: Evolution of Responses to the COVID-19 Pandemic in the U.S.” **Nature Humanities and Social Sciences Communications**, Jul 2021 [I.F. **N/A**]
12. M. Bancilhon, M. Constantinides, E. P. Bogucka, L. M. Aiello, D. Quercia, W. So “Stretonomics: Quantifying Culture Using Street Names” **PLOS One**, Jun 2021 [I.F. **2.740**]
13. D. Cerrone, J. López Baeza, P. Lehtovuori, D. Quercia, R. Schifanella, L. M. Aiello “Implementing Gehl’s Theory to Study Urban Space. The Case of Monotowns” **MDPI Sustainability**, May 2021 [I.F. **2.576**]
14. E. P. Bogucka, B. A. Aseniero, L. M. Aiello, D. Quercia “The Dreamcatcher: Interactive Storytelling of Dreams” **IEEE Computer Graphics and Applications** May 2021 [I.F. **1.627**]

15. M. Bonaventura, L. M. Aiello, D. Quercia, V. Latora “Predicting urban innovation from the US Mobility Network” **Nature Humanities and Social Sciences Communications**, Jan 2021 [I.F. N/A]
16. E. P. Bogucka, M. Constantinides, L. M. Aiello, D. Quercia, W. So, M. Bancilhon “Cartographic Design of Cultural Maps” **IEEE Computer Graphics and Applications** Sep 2020 [I.F. 1.627]
17. L. Gasco, R. Schifanella, L.M. Aiello, D. Quercia “Social media and open data to quantify the effects of noise on health” **Frontiers in Sustainable Cities**, Sep 2020 [I.F. N/A]
18. A. Fogli, L. M. Aiello and D. Quercia “Our dreams, our selves: automatic analysis of dream reports” **Royal Society Open Science**, Aug 2020 [I.F. 3.440]
19. S. Park, M. Constantinides, L. M. Aiello, D. Quercia, P. Van Gent “Wellbeat: A framework for tracking daily well-being using smartwatches” **IEEE Internet Computing**, Aug 2020 [I.F. 4.231]
20. Y. Kim, L. M. Aiello, D. Quercia “PepMusic: Motivational Qualities of Songs for Daily Activities” **EPJ Data Science**, May 2020 [I.F. 3.789]
21. L. M. Aiello, D. Quercia, R. Schifanella, L. Del Prete “Tesco Grocery 1.0, a large-scale dataset of grocery purchases in London” **Nature Scientific Data**, Feb 2020 [I.F. 6.776]
22. S. Joglekar, D. Quercia, M. Redi, L. M. Aiello, T. Kauer, N. Sastry “FaceLift: a transparent deep learning framework to beautify urban scenes” **Royal Society Open Science**, Jan 2020 [I.F. 3.440]
23. F. Gasparetti, L. M. Aiello, D. Quercia “Personalized weight loss strategies by mining activity tracker data”, **User Modeling and User-Adapted Interaction**, Jul 2019 [I.F. 4.131]
24. L. M. Aiello, R. Schifanella, D. Quercia, L. Del Prete “Large-scale and high-resolution analysis of food purchases and health outcomes” **EPJ Data Science**, Apr 2019 [I.F. 3.789, featured article]
25. L. Alessandretti, A. ElBahrawy, L. M. Aiello, A. Baronchelli “Anticipating Cryptocurrency Prices Using Machine Learning”, **Hindawi Complexity**, Nov 2018 [I.F. 2.591]
26. T. Kauer, S. Joglekar, M. Redi, L. M. Aiello, D. Quercia “Mapping and Visualizing Deep-Learning Urban Beautification”, **IEEE Computer Graphics and Applications**, Nov 2018 [I.F. 1.725]
27. D. Quercia, L. M. Aiello, R. Schifanella “Diversity of indoor activities and economic development of neighborhoods”, **PLOS One**, Jun 2018 [I.F. 2.776]
28. D. Hristova, L. M. Aiello, D. Quercia “The New Urban Success: How Culture Pays”, **Frontiers in Physics**, Apr 2018 [I.F. 3.560]
29. L. M. Aiello, R. Schifanella, M. Redi, S. Svetlichnaya, F. Liu, S. Osindero “Beautiful and damned. Combined effect of content quality and social ties on user engagement. *IEEE Transactions on Knowledge and Data Engineering (TKDE)*, Aug 2017 [I.F. 3.857]
30. M. Coletto, L. M. Aiello, C. Lucchese, F. Silvestri “Adult Content Consumption in Online Social Networks”. *Springer Social Network Analysis and Mining (SNAM)*, Jul 2017 [I.F. 1.610]
31. P. Micholia, M. Karaliopoulos, I. Koutsopoulos, L.M. Aiello, G. De Francisci Morales, D. Quercia “Incentivizing social media users for mobile crowdsourcing”. *Springer International Journal of Human-Computer Studies (IJHCS)*. Jun 2017 [I.F. 2.006]
32. P. Molino, L. M. Aiello, P. Lops “Social Question Answering: Textual, User, and Network Features for Best Answer Prediction”. *ACM Transactions on Information Systems (TOIS)*. Oct 2016 [I.F. 2.312]
33. C. A. Davis, G. L. Ciampaglia, L.M. Aiello, et al, “OSoMe: The IUNI Observatory on Social Media”. **PeerJ**. May 2016. [I.F. 2.353]
34. L. M. Aiello, R. Schifanella, D. Quercia, F. Aletta “Chatty maps: constructing sound maps of urban areas from social media data” **Royal Society Open Science**, Mar 2016 [I.F. 3.440]

35. X. Shuai, Neil O'Hare, L. M. Aiello, A. Jaimes, "Predicting Celebrity Attendees at Public Events using Stock Photo Metadata". **Multimedia tools and applications**. Dec 2014 [I.F. **1.876**]
36. D. Martin-Borregon, L. M. Aiello, P. Grabowicz, A. Jaimes, R. Baeza-Yates "Characterization of online groups along space, time, and social dimensions". **EPJ Data Science**. Jan 2014 [I.F. **3.789**]
37. P. Grabowicz, L. M. Aiello, F. Menczer "Fast filtering and animation of large dynamic networks". **EPJ Data Science**. January 2014 [I.F. **3.789**]
38. C. Vaca-Ruiz, L. M. Aiello, A. Jaimes "Modeling dynamics of attention in social media with user efficiency" **EPJ Data Science**, Jan 2014 [I.F. **3.789**]
39. C. Vaca-Ruiz, D. Quercia, L. M. Aiello, P. Fraternali "Tracking Human Migration from Online Attention". **Citizen in Sensor Networks**, Jan 2014
40. L. M. Aiello, G. Petkos, C. Martin, D. Corney, S. Papadopoulos, R. Skraba, A. Goker, Y. Kompatsiaris, A. Jaimes "Sensing trending topics in Twitter" **IEEE Transactions on Multimedia**, Jun 2013 [I.F. **5.452**]
41. L. M. Aiello, A. Barrat, C. Cattuto, R. Schifanella, G. Ruffo. "Link creation and information spreading over social and communication ties in aNobii" **EPJ Data Science**, Dec 2012 [I.F. **3.789**]
42. L. M. Aiello, A. Barrat, R. Schifanella, C. Cattuto, B. Markines, F. Menczer. "Friendship prediction and homophily in social media" *ACM Transactions on the Web (TWEB)*, May 2012 [I.F. **1.740**]
43. L. M. Aiello, G. Ruffo. "LotusNet: tunable privacy for distributed online social network services" **Computer Communications**, Elsevier. Jan 2012 [I.F. **2.766**]
44. L. M. Aiello, G. Ruffo. "Contextual tag inference" *ACM Transactions on Multimedia Computing, Communications and Applications (TOMCCAP)*. Oct 2011 [I.F. **2.952**]
45. L. M. Aiello, M. Milanese, G. Ruffo, R. Schifanella. "An identity-based approach to secure P2P applications with Likir" **Peer-to-Peer Networking and Applications**, Springer. Aug 2011 [I.F. **1.858**]

Conference proceedings

46. S. Scepianovic, L. M. Aiello, K. Zhou, S. Joglekar, D. Quercia "The Healthy States of America: Creating a Health Taxonomy with Social Media" **ICWSM'21: The 15th international Conference Web and Social Media**, Virtual 2021
47. K. Zhou, L. M. Aiello, S. Scepianovic, D. Quercia, Sarah Konrath "The Language of Situational Empathy" **CSCW'21: ACM Conference on Computer-Supported Cooperative Work and Social Computing**, Virtual, 2021
48. C. Y. Qin, M. Constantinides, L. M. Aiello, D. Quercia "HeartBees: Visualizing Crowd Affects" **IEEE VISAP**, Virtual 2020
49. M. Choi, L. M. Aiello, K. Z. Varga, D. Quercia "Ten Social Dimensions of Conversations and Relationships" **WWW'20: The Web Conference**, Taipei, Taiwan 2020 [A.R. **19%**]
50. S. Deri, J. Rappaz, L. M. Aiello, D. Quercia "The Language of Dialogue Is Complex" **ICWSM'19: The 13th International Conference Web and Social Media**, Munich, Germany 2016 [A.R. **19%**]
51. S. Deri, J. Rappaz, L. M. Aiello, D. Quercia "Coloring in the Links: Capturing Social Ties as They are Perceived" **CSCW'18: ACM Conference on Computer-Supported Cooperative Work and Social Computing**, Jersey City, NJ, USA, 2018 [A.R. **26%**]

52. M. Redi, L. M. Aiello, R. Schifanella, D. Quercia “The Spirit of the City: Using Social Media to Capture Neighborhood Ambiance” **CSCW’18**: ACM Conference on Computer-Supported Cooperative Work and Social Computing, Jersey City, NJ, USA, 2018 [A.R. **26%**]
53. M. Dittus, L. M. Aiello, D. Quercia “Community Engagement Triage: Lightweight Prompts for Systematic Reviews” **CSCW’18**: ACM Conference on Computer-Supported Cooperative Work and Social Computing, Jersey City, NJ, USA, 2018 [A.R. **26%**]
54. L. M. Aiello, D. Quercia, E. Roitmann “Hearts and Politics: Metrics for Tracking Biorhythm Changes during Brexit and Trump’ **DH’18**: ACM Conference on Digital Health, Lyon, France, 2018
55. F. Kooti, M. Grbovic, L. M. Aiello, N. Djuric, V. Radosavljevic, K. Lerman “Analyzing the Ride-sharing Economy” **WWW’17**: International Worlds Wide Web Conference (industrial track), Perth, Australia, 2017 [A.R. **17%**]
56. L. M. Aiello, N. Barbieri “Evolution of Ego-networks in Social Media with Link Recommendations” **WSDM’17**: The 10th ACM Conference on Web Search and Data Mining, Cambridge, UK, 2017 [A.R. **16%**]
57. F. Kooti, M. Grbovic, L. M. Aiello, E. Bax, K. Lerman “iPhone’s Digital Marketplace: Characterizing the Big Spenders” **WSDM’17**: The 10th ACM Conference on Web Search and Data Mining, Cambridge, UK, 2017 [A.R. **16%**]
58. L. M. Aiello, I. Arapakis, R. Baeza-Yates, X. Bai, N. Barbieri, A. Mantrach, F. Silvestri “The Role of Relevance in Sponsored Search”. **CIKM’16**: The 25th ACM Conference on Information and Knowledge Management, Indianapolis, USA, 2016. [A.R. **23%**]
59. M. Coletto, L. M. Aiello, C. Lucchese, F. Silvestri “On the Behaviour of Deviant Communities in Online Social Networks” **ICWSM’16**: The 10th International Conference Web and Social Media, Cologne, Germany 2016 [A.R. **17%**]
60. D. Quercia, L. M. Aiello, R. Schifanella. “The Emotional and Chromatic Layers of Urban Smells” **ICWSM’16**: The 10th International Conference Web and Social Media, Cologne, Germany 2016 [A.R. **17%**]
61. F. Kooti, K. Lerman, L. M. Aiello, M. Grbovic, N. Djuric, V. Radosavljevic “Portrait of an Online Shopper: Understanding and Predicting Consumer Behavior” **WSDM’16**: ACM International Conference on Web Search and Data Mining, San Francisco, USA, 2016 [A.R. **18%**]
62. M. Trevisiol, L. M. Aiello, P. Boldi, R. Blanco “Local Ranking Problem on the BrowseGraph” **SIGIR’15**: ACM International Conference on Research and Development in Information Retrieval, Santiago, Chile, 2015 [A.R. **20%**]
63. R. Schifanella, M. Redi, L. M. Aiello. “An Image is Worth More than a Thousand Favorites: Surfacing the Hidden Beauty of Flickr Pictures”. **ICWSM’15**: 9th International Conference on the Web and Social Media, Oxford, UK, 2015. [A.R. **19%**]
64. D. Quercia, R. Schifanella, L. M. Aiello, K. McLean. “Smelly Maps: The Digital Life of Urban Smellscapes”. **ICWSM’15**: 9th International Conference on the Web and Social Media, Oxford, UK, 2015. [A.R. **19%**]
65. F. Kooti, L. M. Aiello, K. Lerman, M. Grbovic, A. Mantrach. “Evolution of Conversations in the Age of Email Overload”. **WWW’15**: International Worlds Wide Web Conference, Firenze, Italy, 2015. [A.R. **14%**]
66. D. Quercia, L. M. Aiello, R. Schifanella, A. Davis. “The Digital Life of Walkable Streets”. **WWW’15**: International Worlds Wide Web Conference, Firenze, Italy, 2015. [A.R. **14%**]

67. M. Trevisiol, L. M. Aiello, R. Schifanella, A. Jaimes. “Cold-start News Recommendation with Domain-dependent Browse Graph”. **RecSys’14**: ACM Conference Series on Recommender Systems, Foster City, Silicon Valley, USA, 2014. [A.R. **23%**]
68. D. Quercia, R. Schifanella, L.M. Aiello. “The shortest path to happiness: Recommending beautiful, quiet, and happy routes in the city”. **HT’14**: 25th ACM Conference on Hypertext and Social Media, Santiago, Chile, 2014. [A.R. **33%**]
69. L. M. Aiello, R. Schifanella, B. State. “Reading the Source Code of Social Ties”. **WebSci’14**: ACM Conference on Web Science, Bloomington, IN, USA, 2014 [A.R. **20%**] **Best Presentation Award**
70. G. Petkos, S. Papadopoulos, L. M. Aiello, R. Skraba, Y. Kompatsiaris. “Soft Frequent Pattern Mining Approach for Textual Topic Detection” **WIMS’14**: 4th International Conference on Web Intelligence, Mining and Semantics, Thessaloniki, Greece, 2014.
71. C. Vaca-Ruiz, D. Quercia, L. M. Aiello, P. Fraternali. “Taking Brazil’s Pulse: Tracking Growing Urban Economies from Online Attention” **WWW’14**: 23rd International World Wide Web Conference, Web Science Track, Seoul, Korea, 2014 [A.R. **25%**]
72. R. Garcia-Gavilanes, N. O’Hare, L. M. Aiello, A. Jaimes. “Follow My Friends This Friday! An Analysis of Human-generated Friendship Recommendations” **SocInfo’13**: International on Social Informatics, Kyoto, Japan 2013 [A.R. **25%**]. **Best Paper Award**
73. C. Aslay, N. O’Hare, L. M. Aiello, A. Jaimes. “Competition-Based Networks for Expert Finding” (short) **SIGIR’13**: ACM International Conference on Research and Development in Information Retrieval, Dublin, Ireland 2013 [A.R. **30.5%**]
74. S. Maniu, N. O’Hare, L. M. Aiello, L. Chiarandini, A. Jaimes. “Search Behaviour on Photo Sharing Platforms” **ICME’13**: IEEE International Conference on Multimedia and Expo, Sunnyvale, CA, USA 2013 [A.R. **12.7%**] **Best Paper Nomination**
75. P. A. Grabowicz, L. M. Aiello, V. M. Eguiluz, A. Jaimes. “Distinguishing Topical and Social Groups Based on Common Identity and Bond Theory” **WSDM’13**: 6th ACM International Conference on Web Search and Data Mining, Rome, Italy 2013 [A.R. **19%**]
76. N. O’Hare, L. M. Aiello, A. Jaimes. “Predicting Participants in Public Events using Stock Photos” (short) **Multimedia’12**: 20th ACM International Conference on Multimedia, Nara, Japan 2012 [A.R. **30%**]
77. M. Trevisiol, L. Chiarandini, L. M. Aiello, A. Jaimes. “Image Ranking Based on User Browsing Behavior” **SIGIR’12**: ACM International Conference on Research and Development in Information Retrieval, Portland, OR, USA, 2012 [A.R. **20%**]
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85. F. Gasparetti, L. M. Aiello, D. Quercia “Evaluating the efficacy of traditional fitness tracker recommendations”. **IUI’19**: Intelligent User Interfaces, Los Angeles, CA, US 2019.
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87. P. Molino, L. M. Aiello. “Distributed Representations for Semantic Matching in non-factoid Question Answering” **SMIR’14**: Workshop on semantic matching in information retrieval, Queensland, Australia, 2014
88. S. Papadopoulos, D. Corney, L. M. Aiello. “SNOW 2014 Data Challenge: Assessing the Performance of News Topic Detection Methods in Social Media” **SNOW’14**: Proceedings of the SNOW 2014 Data Challenge (co-located with WWW). Seoul, Korea, 2014
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