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ACADEMIC POSITIONS

- *Ass. Professor* of *Computer Engineering* at DIMES Department, University of Calabria, Rende, Italy (June 2019 – present).
- *Contract Professor* of *Computer Engineering* at DIMES Department, University of Calabria, Rende, Italy (September 2014 – June 2019).
- *Research Technician* of *Computer Engineering* at DIMES Department, University of Calabria, Rende, Italy (February 2013 – June 2019).
- *Visiting researcher* at the Barcelona Supercomputing Center, Barcelona, Spain (September 2011 – February 2012).

EDUCATION

- *Ph.D.* in *Systems and Computer Engineering*, University of Calabria (January 2013).
- *Laurea Degree* (*B.Sc.+M.Sc.*) in *Computer Engineering*, University of Calabria (July 2009).

COURSES TAUGTH

A.Y. 2022/2023:

- *Models and techniques for Big Data*, Degree course in Computer Engineering, University of Calabria
- *Advanced Systems and Architectures for Data* Management, Management and Conservation of Digital Documents, University of Calabria.
- *Operating Systems*, Degree course in Computer Engineering, University of Calabria

A.Y. 2021/2022:

- *Functional Programming for Big Data Processing*, PhD in Information and Communication Technologies (ICT), University of Calabria.
- *Models and techniques for Big Data*, Degree course in Computer Engineering, University of Calabria
- *Advanced Systems and Architectures for Data* Management, Management and Conservation of Digital Documents, University of Calabria.
- *Operating Systems*, Degree course in Computer Engineering, University of Calabria

A.Y. 2020/2021:

- *Big Data Analysis: concepts, frameworks, and applications*, PhD in Information and Communication Technologies (ICT), University of Calabria.

- *Models and techniques for Big Data*, Degree course in Computer Engineering, University of Calabria
- *Advanced Systems and Architectures for Data* Management, Management and Conservation of Digital Documents, University of Calabria.
- *Operating Systems*, Degree course in Computer Engineering, University of Calabria

A.Y. 2019/2020:

- *Data Science: Methods, Processes and Applications*, PhD in Information and Communication Technologies (ICT), University of Calabria.
- *Models and techniques for Big Data*, Degree course in Computer Engineering, University of Calabria
- *Advanced Systems and Architectures for Data* Management, Management and Conservation of Digital Documents, University of Calabria.
- *Operating Systems*, Degree course in Computer Engineering, University of Calabria.

A.Y. 2018/2019:

- *Big Data Analysis on HPC and Clouds*, PhD in Information and Communication Technologies (ICT), University of Calabria.
- *Advanced Systems and Architectures for Data* Management, Management and Conservation of Digital Documents, University of Calabria.
- *Operating Systems*, Degree course in Computer Engineering, University of Calabria.

A.Y. 2017/2018:

- *Scalable Techniques for Big Data Analysis*, PhD in Information and Communication Technologies (ICT), University of Calabria.
- *Advanced Systems and Architectures for Data* Management, Management and Conservation of Digital Documents, University of Calabria.
- *Operating Systems*, Degree course in Computer Engineering, University of Calabria.
- *Computer Networks*, Degree course in Computer Engineering, University of Calabria.

A.Y. 2016/2017:

- *Operating Systems*, Degree course in Computer Engineering, University of Calabria.
- *Computer Networks*, Degree course in Computer Engineering, University of Calabria.

A.Y. 2016/2017:

- *Operating Systems*, Degree course in Computer Engineering, University of Calabria.
- *Computer Networks*, Degree course in Computer Engineering, University of Calabria.

A.Y. 2015/2016:

- *Operating Systems*, Degree course in Computer Engineering, University of Calabria.

THESIS SUPERVISOR

- 88 Bachelor's Degree students in Computer Engineering.
- 37 Master's Degree students in Computer Engineering.

- 2 Bachelor's Degree students in Engineering Management.

RESEARCH TOPICS

- Big Data analysis
- High-performance computing
- Machine learning
- Parallel and distributed data analysis
- Social media analysis
- Cloud computing
- Peer-to-peer networks

RESEARCH PROJECTS

- H2020 "eFlows4HPC – Enabling dynamic and Intelligent workflows in the future EuroHPC ecosystem, funded by the European Commission (01 January 2021 –)
- H2020 "ASPIDE - exAScale ProgramIng models for extreme Data procEssing", funded by the European Commission (09 June 2018 – 13 September 2021)
- European eInvoicing Project: implementation of the European electronic invoice within the Public Health area (1 October 2016 – 31 October 2017).
- IC1305: Network for Sustainable Ultrascale Computing (NESUS), funded by the European Commission (2014 - 2018).
- DICET – INMOTO – Organization of Cultural Heritage for Smart Tourism and REal – Time Accessibility (OR.C.HE.S.T.R.A.), funded by the Ministry of Education, Universities and Research (2013 - 2015).
- "Tra.Me: Transfer of innovative teaching methodologies for companies" funded by the Ministry of Labor and Social Policies, (29 May 2009 – 31 December 2009)

PROFESSIONAL SERVICES

Services as organizer, chair and board member

- Associate Editor of IEEE Access
- Associate Editor of Journal of Big Data
- Associate Editor of SN Computer Science
- Guest Associate Editor of Frontiers in Big Data
- Editor of Scalable Computing: Practice and Experience
- Review Editor of Frontiers in High Performance Computing
- Previously Associate Editor of the International Journal of Intelligent Systems Technologies and Applications (Inderscience)
- Previously Editor of the International Journal of Big Data Intelligence (Inderscience)

- Editor of the Handbook of Research on Architectural Trends in Service-Driven Computing Book (Emerging Architectural Trends in Service-Driven Computing)
- Member of Editorial Board of Big Data and Cognitive Computing (MDPI)
- Member of Editorial Board of Algorithms (MDPI)
- Member of the Advisory Board of Heliyon (Elsevier)
- Member of the Topical Advisory Panel Application of Future Internet(MDPI)
- Member of the Topical Advisory Panel Application of Sensors(MDPI)
- Member of the Topical Advisory Panel Application of Applied Sciences(MDPI)

- Co-Chair of the Second International Workshop on Ultrascale Computing for Early Researchers (UCER 2017) in conjunction with the 17th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP 2017).
- Local organizer of the Second NESUS Winter School & PhD Symposium 2017, Pizzo, Italy, 20-23 February 2017.
- Co-Chair of the First International Workshop on Ultrascale Computing for Early Researchers (UCER 2016) in conjunction with the 16th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP 2016), Granada, Spain, 14-16 December 2016.

Invited Lecture

- "Models and systems for scalable Big Data analysis", 3rd NESUS Winter School and PhD Symposium on Data Science and Heterogeneous Computing, Zagreb, Croatia, January 22-25, 2018

Program committee member

- IEEE International Conference on Big Data" [**IEEE BigData 2018**] [**IEEE BigData 2019**] [**IEEE BigData 2020**] [**IEEE BigData 2021**] [**IEEE BigData 2022**]
- IEEE International Conference on Cloud Computing Technology and Science [**CloudCom 2016**] [**CloudCom 2017**] [**CloudCom 2018]** [**CloudCom 2019]** [**CloudCom 2020]** [**CloudCom 2022]**
- Euromicro International Conference on Parallel, Distributed and network-based Processing [**PDP 2018**] [**PDP 2019**] [**PDP 2020**] [**PDP 2021**] [**PDP 2022**]
- IEEE International Conference on Networking, Sensing and Control [**ICNSC 2019**] [**ICNSC 2020**]
- IEEE 2018 International Congress on Big Data [**IEEE BigData Congress 2018**] [**IEEE BigData Congress 2019**]
- International workshop on the Convergence of Extreme Scale Computing and Big Data Analysis [**CEBDA 2018**] [**CEBDA 2019**]
- International Workshop on Theoretical Approaches to Performance Evaluation, Modeling and Simulation [**TAPEMS 2019**]
- IEEE International Conference on Big Data" [**IEEE BigData 2018**]
- International European Conference on Parallel and Distributed Computing [**Europar 2018**]

- IEEE International Conference on Distributed Computing Systems [**ICDCS 2018**]
- International workshop on the Convergence of Extreme Scale Computing and Big Data Analysis [**CEBDA 2018**]
- International Conference on Emerging Internet, Data & Web Technologies [**EIDWT 2018**]
- EAI International Conference on Smart Objects and Technologies for Social Good [**GOODTECHS 2017**]
- IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing [**CCGRID 2017**]
- International Workshop on Peer-to-Peer Architectures, Networks and Systems [**PANS 2017**].
- International Conference on Algorithms and Architectures for Parallel Processing [**ICA3PP 2016**] [ICA3PP 2014] [ICA3PP 2013]
- International Conference on Frontier of Computer Science and Technology [**FCST 2015**]
- IEEE International Conference on Pervasive Intelligence and Computing [**PICom 2014**]
- ACM Cloud and Autonomic Computing Conference [**CAC 2013**]

Reviewer

- Served as reviewer for several international journals, including: IEEE Transactions on Big Data (TBD), IEEE Transactions on Cloud Computing (TCC), Journal of Network and Computer Applications, Parallel Computing, Journal of Supercomputing (SUPE), Future Generation Computer Systems (FGCS), Concurrency and Computation: Practice and Experience (CPE), Cluster Computing, International Journal of Parallel, Emergent and Distributed Systems, International Journal of Networking and Virtual Organisations (IJNVO), Decision Analysis (DECA).
- Served as reviewer for several conferences, including: ICDM, CIKM, Europar, UCC, HPCC, ISPDC, CCGrid, IEEE BigData, Grid, KES, and IEEE Cluster.

PUBLICATIONS

Books

1. D. Talia, P. Trunfio, F. Marozzo, Data Analysis in the Cloud, Elsevier, 2015. ISBN 978-0-12-802881-0.

Papers in journals

1. R. Cantini, F. Marozzo, G. Bruno, P. Trunfio, "Learning sentence-to-hashtags semantic mapping for hashtag recommendation on microblogs". ACM Transactions on Knowledge Discovery from Data (**TKDD**), vol. 16, n. 2, pp. 1-26, 2022.
2. L. Belcastro, R. Cantini, F. Marozzo, A. Orsino, D. Talia, P. Trunfio, "Programming Big Data Analysis: Principles and Solutions". **Journal of Big Data**, vol. 9, n. 4, 2022.
3. R. Cantini, F. Marozzo, D. Talia, P. Trunfio, "Analyzing Political Polarization on Social Media by Deleting Bot Spamming". **Big Data and Cognitive Computing**, vol. 1, n. 6, 2022.
4. L. Belcastro, R. Cantini, F. Marozzo, "Knowledge Discovery From Large Amounts Of Social Media Data". **Applied Sciences**, vol. 12, n. 3, 2022.
5. L. Belcastro, M. Kechadi, F. Marozzo, L. Pastore, D. Talia, P. Trunfio, "Parallel extraction of Regions-of-Interest from social media data". Concurrency and Computation: Practice and Experience (**CCPE**), vol. 33, n. 8, pp. e5638, 2021.
6. S. Giampà, L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "A data-aware scheduling strategy for executing large-scale distributed workflows". **IEEE Access**, vol. 9, pp. 47354-47364, 2021. Note: ISSN: 2169-3536.
7. R. Cantini, F. Marozzo, A. Orsino, D. Talia, P. Trunfio, "Exploiting Machine Learning For Improving In-memory Execution of Data-intensive Workflows on Parallel Machines". **Future Internet**, vol. 13, n. 5, 2021.
8. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, F. Branda, T. Palpanas, M. Imran, "Using Social Media for Sub-Event Detection during Disasters". **Journal of Big Data**, vol. 8, n. 79, 2021.
9. L. Belcastro, F. Marozzo, E. Perrella, "Automatic detection of user trajectories from social media posts". Expert Systems with Applications (**ESWA**), vol. 186, pp. 115733, 2021
10. R. Cantini, F. Marozzo, S. Mazza, D. Talia, P. Trunfio, "A Weighted Artificial Bee Colony Algorithm for Influence Maximization". Online Social Networks and Media (**OSNEM**), vol. 26, pp. 100167, 2021
11. F. Marozzo, D. Talia, P. Trunfio, "A Sleep-and-Wake technique for reducing energy consumption in BitTorrent networks". Concurrency and Computation: Practice and Experience(**CCPE**), vol. 32, n. 14, pp. e5723, 2020.
12. L. Belcastro, R. Cantini, F. Marozzo, D. Talia, P. Trunfio, "Learning Political Polarization on Social Media using Neural Networks". **IEEE Access**, vol. 8, n. 1, pp. 47177-47187, 2020
13. F. Branda, F. Marozzo, D. Talia, "Ticket Sales Prediction and Dynamic Pricing Strategies in Public Transport". Big Data and Cognitive Computing (**BDCC**), vol. 4, n. 4, 2020. Note: ISSN: 2504-2289.
14. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "ParSoDA: High-Level Parallel Programming for Social Data Mining". Social Network Analysis and Mining (**SNAM**), vol.9, n.1, 2019.

15. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "G-RoI: Automatic Region-of-Interest detection driven by geotagged social media data". ACM Transactions on Knowledge Discovery from Data (**ACM TKDD**), vol. 12, n. 3, pp. 27:1-27:22, January 2018.F. Marozzo, D. Talia, P. Trunfio, "A Workflow Management System for Scalable Data Mining on Clouds". IEEE Transactions On Services Computing (**TSC**), vol. 11, n. 3, pp. 480-492, 2018. Note: ISSN: 1939-1374.
16. F. Marozzo, A. Bessi, "Analyzing Polarization of Social Media Users and News Sites during Political Campaigns". Social Network Analysis and Mining (**SNAM**), vol. 8, n. 1, 2018.
17. L. Belcastro, F. Marozzo, D. Talia, "Programming Models and Systems for Big Data Analysis". International Journal of Parallel, Emergent and Distributed Systems, 2018. Note: To appear.
18. F. Marozzo, F. Rodrigo Duro, J. Garcia Blas, J. Carretero, D. Talia, P. Trunfio, "A Data-aware Scheduling Strategy for Workflow Execution in Clouds". Concurrency and Computation: Practice and Experience (**CCPE**), vol. 29, n. 24, Wiley InterScience, December 2017. Note: ISSN: 1532-0634.
19. F. Marozzo, A. Bessi, "Analyzing Polarization of Social Media Users and News Sites during Political Campaigns". Social Network Analysis and Mining (**OSNEM**), vol. 8, n. 1, 2018.
20. A. Altomare, E. Cesario, C. Comito, F. Marozzo, D. Talia, "Trajectory Pattern Mining for Urban Computing in the Cloud". Transactions on Parallel and Distributed Systems (**IEEE TPDS**), vol. 28, n. 2, pp. 586-599, 2017. Note: ISSN:1045-9219
21. L. Belcastro, F. Marozzo, P. Trunfio, "A Scalable Middleware for Context-aware Mobile Applications". International Journal of Ad Hoc and Ubiquitous Computing (**IJAHUC**), 2017. Note: To appear.
22. F. Rodrigo Duro, F. Marozzo, J. Garcia Blas, D. Talia, P. Trunfio, "Exploiting in-memory storage for improving workflow executions in Cloud platforms". The Journal of Supercomputing (**SUPE**), 2016.
23. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "Using Scalable Data Mining for Predicting Flight Delays". ACM Transactions on Intelligent Systems and Technology (**ACM TIST**), vol. 8, n. 1, October 2016.
24. F. Marozzo, D. Talia, P. Trunfio, "A Workflow Management System for Scalable Data Mining on Clouds". IEEE Transactions On Services Computing (**IEEE TSC**), 2016, Note: To appear.
25. F. Marozzo, D. Talia, P. Trunfio, "JS4Cloud: Script-based Workflow Programming for Scalable Data Analysis on Cloud Platforms". Concurrency and Computation: Practice and Experience (**CCPE**), vol. 27, n. 17, pp. 5214--5237, Wiley InterScience, December 2015.
26. G. Da Costa, T. Fahringer, J. Rico-Gallego, I. Grasso, A. Hristov, H. Karatza, A. Lastovetsky, F. Marozzo, D. Petcu, G. Stavrinides, D. Talia, P. Trunfio, H. Astsatryan, "Exascale machines require new programming paradigms and runtimes". Supercomputing Frontiers and Innovations, vol. 2, n. 2, pp. 6--27, September 2015.
27. F. Lordan, E. Tejedor, J. Ejarque, R. Rafanell, J. Álvarez, F. Marozzo, D. Lezzi, R. Sirvent, D. Talia, R. Badia, "ServiceSs: An Interoperable Programming Framework for the Cloud". Journal of Grid Computing, vol. 12, n. 1, pp. 67-91, 2014.
28. F. Marozzo, D. Talia, P. Trunfio, "P2P-MapReduce: Parallel data processing in dynamic Cloud environments". Journal of Computer and System Sciences (**JCSS**), vol. 78, n. 5, pp. 1382--1402, Elsevier Science, September 2012.

Book chapters

1. F. Marozzo, L. Belcastro, "High performance framework to analyze microarray data". In: Microarray Data Analysis: Methods and Protocols, Springer, 2021. Note: To appear.
2. A. Bilas, J. Carretero, T. Cortes, J. Garcia Blas, P. Gonzalez Ferez, A. Papagiannis, A. Queralt, F. Marozzo, G. Saloustros, A. Shoker, D. Talia, P. Trunfio, "Data management techniques". In: Ultrascale Computing Systems, J. Carretero, E. Jeannot, A. Zomaya (Editors), IET, Computing, pp. 85-126, 2019.
3. F. Marozzo, "Infrastructures for High-Performance Computing: Cloud Infrastructures". In: Encyclopedia of Bioinformatics and Computational Biology, S. Ranganathan, K. Nakai, C. Schonbach,, M. Gribskov (Editors), Elsevier, 2018. Note: ISBN 978-0-12-809633-8.
4. L. Belcastro, F. Marozzo, "Workflow systems for Big data analysis". In: Encyclopedia of Big Data Technologies, S. Sakr, A. Zomaya (Editors), Springer, pp. 1-6, 2018. Note: ISBN 978-3-319-63962-8.
5. F. Marozzo, L. Belcastro, "Cloud computing for Big Data analysis". In: Encyclopedia of Big Data Technologies, S. Sakr, A. Zomaya (Editors), Springer, 2018. Note: ISBN 978-3-319-63962-8.
6. F. Marozzo, P. Trunfio, "Infrastructures for High-Performance Computing: Cloud Computing Development Environments". In: Encyclopedia of Bioinformatics and Computational Biology, S. Ranganathan, K. Nakai, C. Schonbach, M. Gribskov (Editors), Elsevier, 2018. Note: ISBN 978-0-12-809633-8.
7. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "Big Data Analysis on Clouds". In: Handbook of Big Data Technologies, A. Zomaya, S. Sakr (Editors), Springer, pp. 101-142, 2017. Note: ISBN: 978-3-319-49339-8.
8. F. Marozzo, D. Talia, P. Trunfio, "Implementing MapReduce Applications in Dynamic Cloud Environments". In: Cloud Computing: Principles, Systems and Applications, second edition, N. Antonopoulos, L. Gillam (Editors), Springer, pp. 211-223, 2017. Note: ISBN: 978-3-319-54645-2.
9. F. Marozzo, D. Talia, P. Trunfio, "Cloud Services for Distributed Knowledge Discovery". In: Encyclopedia of Cloud Computing, S. Murugesan, I. Bojanova (Editors), Wiley-IEEE, pp. 774--785, 2016. Note: ISBN 978-1-118-82197-8.
10. F. Marozzo, D. Talia, P. Trunfio, "A Peer-to-Peer Framework for Supporting MapReduce Applications in Dynamic Cloud Environments". In: Cloud Computing: Principles, Systems and Applications, N. Antonopoulos, L. Gillam (Editors), Springer, chapt. 7, pp. 113--125, 2010. Note: ISBN 978-1-84996-240-7.

Papers in conference proceedings

1. A. Barbieri, F. Marozzo, C. Savaglio, "IoT platforms and services configuration through parameter sweep: a simulation-based approach". IEEE SMC 2021, October 2021. Note: To appear.
2. R. Cantini, F. Marozzo, A. Orsino, M. Passarelli, P. Trunfio, "A visual tool for reducing returns in e-commerce platforms". 6th International Research and Technologies for Society and Industry Innovation for a smart world (IEEE RTSI 2021), September 2021. Note: To appear

3. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "Cloud computing for enabling Big Data analysis". The 10th International Conference on Cloud Computing and Services Science (CLOSER 2020), pp. 84-109, May 2021. Note: ISBN 978-3-030-72369-9.
4. L. Belcastro, A. Falcone, A. Garro, F. Marozzo, "Evaluation of Large Scale RoI Mining Applications in Edge Computing Environments". 25th International Symposium on Distributed Simulation and Real Time Applications (DS-RT), 2021. Note: To appear.
5. D. Talia, P. Trunfio, F. Marozzo, L. Belcastro, J. Garcia Blas, D. Del Rio, P. Couvae, G. Goret, L. Vincent, A. Fernàndez-Pena, D. Martin de Blas, M. Nardi, T. Pizzuti, A. Spataru, M. Justyna, "A Novel Data-Centric Programming Model for Large-Scale Parallel Systems". Euro-Par 2019: Parallel Processing Workshops, Gottingen, Germany, Lecture Notes in Computer Science, pp. 452-463, August 2020. Note: ISBN: 978-3-030-48339-5.
6. F. Branda, F. Marozzo, D. Talia, "Discovering Travelers' Purchasing Behavior from Public Transport Data". The 6th International Conference on machine Learning, Optimization and Data science - LOD 2020, Siena, Italy, pp. 702-713, July 2020.
7. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "Cloud computing for enabling Big Data analysis". The 10th International Conference on Cloud Computing and Services Science (CLOSER 2020), May 2020. Note: To appear.
8. V. Kashansky, D. Kimovski, R. Prodan, F. Marozzo, I. Gabriel, M. Justyna, J. Garcia Blas, "M3AT: Monitoring Agents Assignment Model for Data-Intensive Applications". 28th Euromicro International Conference on Parallel, Distributed and Network-Based Processing (PDP 2020), Vasteras, Sweden, pp. 72-79, March 2020.
9. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "A High-Level Programming Library for Mining Social Media". Post-Proc. of the High Performance Computing Workshop 2018, Cetraro, Italy, Advances in Parallel Computing, Advances in Parallel Computing, vol. 34, pp. 3-21, IOS Press, July 2019.
10. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "Developing a Cloud-based Algorithm for Analyzing the Polarization of Social Media Users". 5th International Symposium, ALGOCLOUD 2019, Munich, Germany, pp. 15-24, 2019.
11. L. Belcastro, R. Cantini, F. Marozzo, D. Talia, P. Trunfio, "Discovering Political Polarization on Social Media: A Case Study". 15th International Conference on Semantics, Knowledge and Grids (SKG), Guangzhou, China, pp. 182-189, 2019.
12. F. Marozzo, F. Marzano, D. Talia, P. Trunfio, "BitTorrentSW: A Sleep-and-Wake approach to reduce energy consumption in BitTorrent networks". The 2018 International Conference on High Performance Computing & Simulation (HPCS 2018), Orléans, France, pp. 144-150, July 2018.
13. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "A High-Level Programming Library for Mining Social Media". Post-Proc. of the High Performance Computing Workshop 2018, Cetraro, Italy, Advances in Parallel Computing, IOS Press, July 2018. Note: To appear
14. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "Appraising SPARK on Large-Scale Social Media Analysis". Euro-Par Workshops, Santiago de Compostela, Spain, Lecture Notes in Computer Science , pp. 483-495, August 2017. Note: ISBN: 978-3-319-75178-8.
15. C. Diamantini, L. Genga, F. Marozzo, D. Potena, P. Trunfio, "Discovering Mobility Patterns of Instagram Users through Process Mining Techniques". IEEE International Conference on Information Reuse and Integration, pp. 485-492, August 2017. Note: ISBN 978-1-5386-1562-1.

16. F. Marozzo, F. Rodrigo Duro, J. Garcia Blas, J. Carretero, D. Talia, P. Trunfio, "Evaluating a Data-Aware Scheduling Approach to Reduce Processing Costs of DMCF Workflows". The 2017 International Conference on High Performance Computing & Simulation (HPCS 2017), Genoa, Italy, pp. 699--706, July 2017. Note: ISBN 978-1-5386-3250-5.
17. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "A Parallel Library for Social Media Analytics". The 2017 International Conference on High Performance Computing & Simulation (HPCS 2017), Genoa, Italy, pp. 683--690, July 2017. Note: ISBN 978-1-5386-3250-5.
18. L. Belcastro, G. Di Lieto, M. Lackovic, F. Marozzo, P. Trunfio, "Geocon: A Middleware for Location-aware Ubiquitous Applications". Proc. of the First International Workshop on Ultrascale Computing for Early Researchers (UCER 2016), Granada, Spain, pp. 234-243, December 2016. Note: ISBN: 978-3-319-49956-7.
19. F. Marozzo, F. Rodrigo Duro, J. Garcia Blas, J. Carretero, D. Talia, P. Trunfio, "A Data-Aware Scheduling Strategy for DMCF workflows over Hercules". Proc. of the Third International Workshop on Sustainable Ultrascale Computing Systems (NESUS 2016), Sofia, Bulgaria, pp. 37-44, October 2016. Note: ISBN 978-84-617-7450-0.
20. E. Cesario, A. Iannazzo, F. Marozzo, F. Morello, D. Talia, P. Trunfio, "Nubytics: Scalable Cloud Services for Data Analysis and Prediction". 2nd International Forum on Research and Technologies for Society and Industry (RTSI 2016), Bologna, Italy, pp. 1-6, September 2016. Note: ISBN: 978-1-5090-1131-5.
21. E. Cesario, A. Iannazzo, F. Marozzo, F. Morello, G. Riotta, A. Spada, D. Talia, P. Trunfio, "Analyzing Social Media Data to Discover Mobility Patterns at EXPO 2015: Methodology and Results". The 2016 International Conference on High Performance Computing & Simulation (HPCS 2016), Innsbruck, Austria, pp. 230-237, July 2016. Note: ISBN: 978-1-5090-2088-1.
22. F. Rodrigo Duro, F. Marozzo, J. Garcia Blas, J. Carretero, D. Talia, P. Trunfio, "Evaluating data caching techniques in DMCF workflows using Hercules". Proc. of the Second International Workshop on Sustainable Ultrascale Computing Systems (NESUS 2015), Krakow, Poland, pp. 69-76, September 2015. Note: ISBN: 978-84-608-2581-4.
23. E. Cesario, C. Congedo, F. Marozzo, G. Riotta, A. Spada, D. Talia, P. Trunfio, C. Turri, "Following Soccer Fans from Geotagged Tweets at FIFA World Cup 2014". Proc. of the 2nd IEEE Conference on Spatial Data Mining and Geographical Knowledge Services, Fuzhou, China, pp. 33--38, July 2015. Note: ISBN 978-1-4799-7748-2.
24. L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "Programming Visual and Script-based Big Data Analytics Workflows on Clouds". Post-Proc. of the High Performance Computing Workshop 2014, Cetraro, Italy, Advances in Parallel Computing, vol. 26, pp. 18--31, IOS Press, 2015. Note: ISBN: 978-1-61499-582-1.
25. A. Altomare, E. Cesario, C. Comito, F. Marozzo, D. Talia, "Trajectory Pattern Mining over a Cloud-based Framework for Urban Computing". Proc. of the 16th International Conference on High Performance Computing and Communications (HPCC 2014), Paris, France, pp. 367-374, IEEE, August 2014. Note: ISBN 978-1-4799-6123-8.
26. F. Marozzo, D. Talia, P. Trunfio, "A Workflow-oriented Language for Scalable Data Analytics". Proc. of the First International Workshop on Sustainable Ultrascale Computing Systems (NESUS 2014), Porto, Portugal, pp. 7--12, August 2014. Note: ISBN 978-84-617-2251-8.

27. F. Marozzo, D. Talia, P. Trunfio, "Scalable Script-based Data Analysis Workflows on Clouds". Proc. of the 8th Workshop on Workflows in Support of Large-Scale Science (WORKS 2013), Denver, CO, USA, pp. 124--133, ACM Press, November 2013. Note: ISBN 978-1-4503-2502-8.
28. G. Agapito, M. Cannataro, P. Guzzi, F. Marozzo, D. Talia, P. Trunfio, "Cloud4SNP: Distributed Analysis of SNP Microarray Data on the Cloud". Proc. of the ACM Conference on Bioinformatics, Computational Biology and Biomedical Informatics 2013 (ACM BCB 2013), Washington, DC, USA, pp. 468, ACM Press, September 2013. Note: ISBN 978-1-4503-2434-2.
29. F. Marozzo, D. Talia, P. Trunfio, "A Cloud Framework for Big Data Analytics Workflows on Azure". Post-Proc. of the High Performance Computing Workshop 2012, Cetraro, Italy, Advances in Parallel Computing, vol. 23, pp. 182--191, IOS Press, 2013. Note: ISBN 978-1-61499-321-6.
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SCOPUS AND GOOGLE SCHOLAR INDEXES

- According to Google Scholar Fabrizio Marozzo's publications have received more than 1400 citations, with an H index of 22.
- According to the SCOPUS database, the publications have received more than 900 citations, with an H index of 19.

Rende, December 22 **Fabrizio Marozzo**