CURRICULUM VITAE   **RICCARDO CANTINI**

DIMES Department
University of Calabria
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Website: link
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SCOPUS: link

ACADEMIC POSITIONS

- *Visiting Researcher* at the Barcelona Supercomputing Center, Barcelona, Spain (April 2021 – today).

- *PhD Student in Information and Communication Technologies (ICT)* at DIMES Department, University of Calabria,Rende, Italy (November 2019 – today).

- *Contract Professor* of *Computer Engineering* at DIMES Department, University of Calabria, Rende, Italy (October 2019 – today).

- *Research Fellow* at DIMES Department, University of Calabria, Rende, Italy (July 2019 – October 2019).

- *Research Collaborator* at DIMES Department, University of Calabria, Rende, Italy (July 2018 – June 2019).

EDUCATION

- *M.Sc. in Computer Engineering*, University of Calabria (April 2019).
- *B.Sc. in Computer Engineering*, University of Calabria (March 2016).

COURSES TAUGTH

A.Y. 2021/2022 – 2020/2021 – 2019/2020

- *Distributed Systems and Cloud/Edge Computing for the Internet of Things*, Master degree in Computer Engineering for the Internet of Things (IoT), University of Calabria.

THESIS SUPERVISOR

- 13 Bachelor's Degree students in Computer Engineering.
- 6 Master's Degree students in Computer Engineering.

RESEARCH TOPICS

- Social Media and Big Data Analysis

- Machine and Deep Learning

- Parallel and Distributed Data Analysis

- Edge, Fog and Cloud Computing

RESEARCH PROJECTS

- "*eFlows4HPC: enabling dynamic and Intelligent workflows in the future EuroHPC ecosystem*", funded by the European Commission (April 2021 – today).

- "*Horizon 2020, ASPIDE - exAScale ProgramIng models for extreme Data procEssing*", funded by the European Commission (July 2019 – October 2019).

- "*Smart Macingo*", funded under the Calabria Region Operational Program 2014-2020 (July 2018 – June 2019).

PROFESSIONAL SERVICES

Reviewer
- Served as reviewer for several international journals, including IEEE Transactions on Cloud Computing (TCC) and IEEE Access.
- Served as reviewer for several conferences, including IEEE BigData and IEEE International Conference on Machine Learning and Applications (ICMLA).

PUBLICATIONS

Papers in journals
1. R. Cantini, F. Marozzo, S. Mazza, D. Talia, P. Trunfio, "*A Weighted Artificial Bee Colony Algorithm for Influence Maximization*". **Online Social Networks and Media**, 2021.
2. 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**, vol. 16, n. 2, pp. 1-26, 2021.
3. 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.
4. 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.

Papers in conference proceedings
1. 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.
2. 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.

SCOPUS AND GOOGLE SCHOLAR INDEXES

- According to the SCOPUS database, Riccardo Cantini's publications have received 10 total citations, with an H index of 2.
- According to Google Scholar on the same date the publications of Riccardo Cantini received 14 citations in total, with an H index of 2.

Rende, September 27, 2021   **Riccardo Cantini**