

DIMES Department  
University of Calabria  
Via Pietro Bucci 41C  
87036 Rende (CS), Italy

E-mail: [rcantini@imes.unical.it](mailto:rcantini@imes.unical.it)  
Website: [link](#)  
Google Scholar: [link](#)  
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 TAUGHT

### 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 citation, 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 26, 2021**

**Riccardo Cantini**