

Form to collect the information relevant for the PhD Quality Awards

PhD Student information

Surname	Colomba
Name	Luca
PhD Cycle	36
Tutor	Paolo Garza

Participation in Research Projects (add as many rows as necessary, 1 row per project)

Project name and short description	Competitive Selection	Project Scope	From	To	Role in project	Notes

Teaching Activities in University Courses (add as many rows as necessary, 1 row per activity)

Name of the course where the activity has been done	Course type	Course CFUs	Academic year	Role in course	number of hours of teaching <i>done</i>	CPD evaluation (if any)	Notes
Big data: architectures and data analytics	M	6	2020/2021	L	15		
Distributed architectures for big data processing and analytics	M	8	2020/2021	L	24	Index: 3.7 Satisfaction: 95.83%	
Big data: architectures and data analytics	M	6	2021/2022	L	13,5	Index: 3.655 Satisfaction: 97.86%	
Applied Data Science Project	M	12	2021/2022	L	15	Index: 3.95 Satisfaction: 100%	
Distributed architectures for big data processing and analytics	M	8	2021/2022	L	28,5	Index: 3.7275 Satisfaction: 94.85%	
Big data processing and analytics	M	6	2022/2023	L	15	Index: 3.582 Satisfaction: 98.75%	
Big data: architectures and data analytics	M	6	2022/2023	L	15		
Distributed architectures for big data processing and analytics	M	8	2022/2023	L	27	Index: 3.67 Satisfaction: 98.82%	

Research Dissemination Activities (add as many rows as necessary, 1 row per activity)

Dissemination activity name	Date	Link	Description	Notes
SmartTalk	27/04/2022	https://smartdata.polito.it/bridge-aware-clustering-clustering-by-means-of-bridge-point-identification/	1 hour talk + Q&A held at the SmartData@Polito center, presenting a novel clustering algorithm published as a journal paper	
SmartData Workshop	26/02/2022	https://smartdata.polito.it/8th-smartdatapolito-workshop/	20-minute talk about AI and Machine Learning applied to Earth Observation	
MACLEAN2022 Paper presentation	19/09/2022	https://sites.google.com/view/maclean22/program	Workshop paper presentation (in-person), held in conjunction with ECML/PKDD2022	
CIKM2022 Paper presentation	18/10/2022	https://dl.acm.org/doi/10.1145/3511808.3557528	Paper presentation (in-person) at CIKM2022 conference	
SIGSPATIAL2022 Paper presentation	02/11/2022	https://sigspatial2022.sigspatial.org/accepted-papers/	Paper presentation (in-person) at SIGSPATIAL2022 conference	
DAUIN PhD Poster Day	08/11/2022	http://www.phd-dauin.polito.it/phd-poster-day-2022.html	Poster presentation at the DAUIN Department, open to students and researchers related to activities held during the 2 nd year	

Participation in Contracts with Industrial Companies (add as many rows as necessary, 1 row per contract)

Contract name and short description	Company name	From	To	Role in contract	Notes
Machine Learning for Network Supervision and Fault Management	TIM SpA	01/01/2021	31/12/2021	P	

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Patents (add as many rows as necessary, 1 row per patent)

Patent title	Patent Type	Last patent status	Date	Notes

Technology Transfer Activities (add as many rows as necessary, 1 row per activity)

Technology Transfer Activity Description	From	To	Role in activity	Notes

Awards (add as many rows as necessary, 1 row per award)

Award Description	Date	Type	Notes
2 nd Place at Summer School Waste Classification Challenge	05/07/2021 - 09/07/2021	Other	Winner (2 nd place) at a Computer Vision challenge held during the ISSonDL Summer School 2021
SIGSPATIAL2022 Travel Grant Award	01/11/2022 – 04/11/2022	Other	Travel Grant Award assigned to volunteer PhD students who helped in conference's organization and activities