

Form to collect the information relevant for the PhD Quality Awards

PhD Student information

Surname	De Lorenzis
Name	Federico
PhD Cycle	36
Tutor	Fabrizio Lamberti

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
PITEM RISK FOR	Y	I	2020	2021	P	PITEM RISK – Progetto RISK - FOR Regione Piemonte Design of VR training systems for first-responders from Civil Protection
PITEM RISK ACT	Y	I	2020	2023	P	Che cos'è il progetto Risk-act (pitem-risk.eu) Use of the VR training systems developed in the RISK FOR project for training operators from Civil Protection
E2DRIVER	Y	I	2019	2022	P	E2DRIVER Design and use of a VR training system for training

						industry operators
Reading (&) Machine	N	N	2022	2023	P	Reading (&) Machine Fondazione TIM

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
Storytelling e Animazione Virtuale	B	6	2020/2021	T+L+E	30	Indice Docente: 3.685 Tasso di soddisfazione docente: 95.65 %	
Storytelling e Animazione Virtuale	B	6	2021/2022	T+L+E	30	Indice Docente: 3.58 Tasso di soddisfazione docente: 92 %	
Storytelling e Animazione Virtuale	B	6	2022/2023	T+L+E	30	Indice Docente: 3.23 Tasso di soddisfazione docente: 83 %	
Design per l'industrializzazione	B	18	2020/2021	L	20		Tutor
Dati, algoritmi e le frontiere dell'informatica - Intraprendenti	B		2022/2023	E	3		Modulo per Intraprendenti

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

Dissemination activity name	Date	Link	Description	Notes
Biennale della Tecnologia	November 10-13, 2022	Biennale Tecnologia 2022 - Fondazione per la Scuola (fondazione scuola.it)	Demos and dissemination on the use of Virtual Reality	

			(teaching, training, cultural heritage, etc.)	
DAUIN PhD Poster Day	November 8, 2022	PhD in Computer and Control Engineering Poster (polito.it)	Dissemination on the use of Virtual Reality in education (formal and non-formal scenarios)	
QuattroChiacchiere	2022	(354) #QuattroChiacchiere con Federico De Lorenzis - Realtà Virtuale - YouTube	Interview on the use and potential of Virtual Reality	
Unite! Boot Camp (2021)	June 15, 2021	decide design sprint.mp4 - Google Drive	Live speech based on my research activities in the context of the E2DRIVER project, titled "Flipping on-site training: Asymmetric Virtual Reality for distance learning in universities". The speech aimed to investigate the use an application developed for non-formal education as a teaching tool for university classes.	

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

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
Training of Civil Protection instructors in the use of VR for the education of citizens and the training of Civil Protection operators	2020	2023	Responsible of the training	In the context of the PITEM RISK ACT project, using the VR training systems designed during the PITEM RISK FOR project
Training of Civil Protection operators in firefighting activities using VR training systems	2020	2023	Responsible of the training	In the context of the PITEM RISK ACT project, using the VR training systems designed

				during the PITEM RISK FOR project
Training of instructors in the use of VR for the education of industry operators	2019	2022	Responsible of the training	In the context of the E2DRIVER project
Training of industry operators in a measuring procedure on electrical switchboards (using a VR training system)	2019	2022	Responsible of the training	In the context of the E2DRIVER project
Training of Engineering students in a measuring procedure on electrical switchboards (using a VR training system)	2021	2022	Responsible of the teaching activity together with professors from Politecnico di Torino	

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

Award Description	Date	Type	Notes