europass Curriculum vitae

PERSONAL INFORMATION

Alessandra Doria

INFN sez. di Napoli,
Complesso universitario Monte Sant'Angelo ed.6, Via Cintia, 80127 Napoli, Italy

WORK EXPERIENCE

02/12/2015-Present Senior technologist at I.N.F.N. Sezione di Napoli

2023 – Responsible for Ibisco/ICSC scientific datacenter at INFN-NAPOLI

2022 - representative of Tier2 sites in INFN "Commissione Calcolo e Reti"

2020, 2022 Coordinator of the ATLAS Tier2 Italian Federation, in charge of the coordination of the local computing activities with the ATLAS central operations.

2019-2023 Participation in the ESCAPE project, WP2 DIOS (Data Infrastructure for Open Science). Local responsible for ESCAPE at INFN Napoli.

2018-2023 Scientific responsible of the work-packages "Enhancement of HTC/HPC computing" and "Enhancement of Storage systems" in the IBiSCo PON project.

Deployment and management of the IBiSCo data center at INFN Napoli.

2013-2018 Participation in the PON ReCaS project, deployment and management of the ReCaS data center at INFN Napoli. Management of the at INFN Napoli Tier2 data center for ATLAS experiment atl CERN.

02/09/1996-02/12/2015 Technologist at I.N.F.N. Sezione di Napoli

Collaboration with the ATLAS experiment at CERN as operational responsible for the ATLAS Tier2 site located in Napoli.

Participation in the design of the Tier2 infrastructure and responsible for the deployment and management of the local computing and storage resources.

Participation in the Worldwide LHC Computing Grid activities ad representative of the Italian Tier2 centres in the WLCG Operation Coordination group.

01/09/1994-01/09/1996 I.N.F.N. Fellowship in Computing for High Energy Physics
Development of the Data Acquisition System for the KLOE experiment of the e+e- collider DAFNE at INFN National Laboratories of Frascati

01/05/1993-30/04/1994 I.N.F.N. Sezione di Napoli Associate (Fellowship by Hewlett-Packard Italy)
Development on HP workstation of the event visualization program for L3 experiment at e+e- collider LEP at CERN .

EDUCATION and TRAINING

01/09/1994-01/09/1996 I.N.F.N. Fellowship in Computing for High Energy Physics
Participation to CERN School of Computing, Sopron (HU)

01/05/1993-30/04/1994 Fellowship by Hewlett-Packard Italy
Participation to HP courses about graphical and visual programming.
Participation to HP courses about Unix systems

16/07/1992	Degree in Physics
	With full marks and honour at University "Federico II" of Naples

1984	Scientific High School Diploma

PERSONAL SKILLS

Mother tongue(s)   Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B2	B2	B1	B1	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

Expert in management of computing resources and infrastructures

Good experience in coordination of technical activities and human resources

Job-related skills

System administration, deep knowledge of Linux operating system.

Good skill in programming C/C++, Java, Python, shell scripting.

Good knowledge of the most common software monitoring and management tools.

ADDITIONAL INFORMATION

Selected Publications

1) A. Doria, et al , Distributed caching system for multi-site DPM storage,
EPJ Web Conf. 214 04056 (2019)
2) A. Doria et al, A prototype Infrastructure for Cloud-based distributed services in High Availability over WAN, Journal of Physics: Conference Series 664 (2015) 022032
3) A. Doria et al, Computing Activities in High Energy Physics: Atlas Tier 2 at INFN-Napoli, High Performance Scientific Computing Using Distributed Infrastructures pp. 165-178 (2017)
4) The ATLAS Collaboration, Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC; Phys.Lett.B 716 p.1-29 (2012)
5) M. Aaboud et al., Performance of the ATLAS Trigger System in 2015, Eur.Phys.J.C 77 (2017) 5, 317

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