

PERSONAL INFORMATION

Lara Aiello



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Date and place of birth 10/02/1979 Sorrento (NA), Italy

Nationality Italian

WORK EXPERIENCES

LEONARDO S.p.A.

2025 - Now

CTO R&T AND ADVANCED RESEARCH PROJECTS MANAGEMENT - CUSTOMER SUPPORT & SERVICE SOLUTIONS LoB

Strategic Vision: Define the technological vision and strategic objectives for the CS&SS LoB, aligning technical content with market insights in synergy with the Strategy & Competitive Analysis unit.

Portfolio Management: Drive the development and maintenance of the technology portfolio; conduct rigorous Product Competitor Analysis in coordination with the Strategy & Competitive Analysis Unit;

Product Roadmap & Lifecycle: Establish and manage the L&S BA Product Catalog and the LoB's multi-year Product Roadmap, translating competitive gaps into development priorities.

Investment & Budgeting: Oversee product investments (BPP, CAPEX, OPEX) and the annual Investment/Technology Plan; manage inputs for "sold" research activities.

R&T Innovation: Lead Research & Technology (R&T) initiatives and funded research projects, identifying new product lines and innovation opportunities.

Project Management: Ensure the delivery of technological objectives (cost, time, performance, and quality), managing the full cycle from execution to exploitation plans and closure.

Open Innovation & Scouting: Execute technology scouting via international trade fairs and foster strategic collaborations with Universities, SMEs, and cross-divisional partners (Leonardo Group) to integrate cutting-edge solutions in the reference business of the LoB CS&SS.

Skills

- Strategic R&T Management
- Innovation & Technical Vision
- Technical Expertise
- Strategic Partnerships
- Budgeting & Financing
- Networking

2022 - 2025

OPERATIONAL PLANNING - CUSTOMER SUPPORT & SERVICE SOLUTIONS LoB

Supporting the U.O. Leader in decision making in order to Revenues and Margin target achievements. Monitoring project KPIs, highlight criticalities and arrangement of recovery plans and scenarios. Ensuring accurate project planning, SAP alignment with the Project Master Schedule, Earned Value Management System alignment, workload and Capacity analysis, Investments planning.

Skills

- Communication
- Interpersonal Skills
- Problem-solving
- Economics
- Business Analysis
- Project Planning, Budgeting & Forecasting
- Data Analysis
- Exploratory Data Analysis
- Project Management
- Business Planning
- Capacity Planning
- Operational Report
- Integrated Business Plan
- Data-driven Models For Investment
- Business Intelligence (BI)
- Capacity Management
- Earned Value Management
- Integrated Business Planning

2010 – 2025

ENG-SOFTWARE-ARCHITECTURAL DESIGN AND SPECIFICATION DATA & INFORMATION MANAGEMENT

Skills

Systems Engineering
Telecommunications
Telecommunication systems
Information Technology
Software Engineering
Software Design
Software Development
Object Oriented Design
Agile Methodologies
Requirements Analysis
UAV RPAS
Air Traffic Management Systems
Embedded Systems
Integration
Testing
Simulation
Training

TRS S.p.A.

2008 - 2010

ENG-SOFTWARE-ARCHITECTURAL DESIGN AND SPECIFICATION DATA & INFORMATION MANAGEMENT

Skills

Systems Engineering
Software Engineering
Requirements Analysis
Naval Systems
Integration

ALTRAN S.p.A.

2005 - 2008

CONSULTANT ENGINEER

Skills

Systems Modeling

Systems Engineering

Software Engineering

Requirements Analysis

Problem solving

Team Building

EDUCATION

2005 - 2006

Winner of the public competition for the 20th cycle of PhD research in Electronic and Telecommunication Engineering

Università degli Studi di Napoli Federico II

Innovative algorithms for Phase Unwrapping for 3D Earth's surface profile

2004 - 2005

PON-SIMONA

ISASI CNR

Digital Holography & Microscopy, Interferometry, materials characterization techniques. Innovative algorithms for Phase Unwrapping to measure the 3D profile of MEMS (Micro Electro-Mechanical Systems)

Skills

Interferometry

Optoelectronics

Digital Holography

Digital Image Processing

Telecommunications

1998-2003

Master's degree Telecommunication Engineering, 109/110**Università degli Studi di Napoli Federico II**

DTT: l'impianto di ricezione

1997

Classical high school diploma 60/60**Liceo classico Publio Virgilio Marone, Meta (NA)**

italian

mother tongue

english

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
Upper Intermediate	Upper Intermediate	Upper Intermediate	Upper Intermediate	Upper Intermediate
English training at Berlitz school, level 4 achievement.				

Soft Skills

Excellent interpersonal skills and strong dynamism, aptitude for continuous learning.

I have strong technical and research skills, continuous learning orientation and innovation capabilities.

I am objectives-oriented, I have very good relationship orientation.

I have very good capacity for analysis and problem solving. I apply specialist skills in continuous improvement to increase efficiency, reduce waste.

As team leader I involve people in the decisions so that they feel involved and ensure they have the opportunity to contribute to tasks facing the team.

I manage the information, plan and organize and make the decisions as required.

I work across all departments to ensure that issues are identified and practical solutions are prepared.

I have strong aptitude for data analysis and summary of results.

Other Information

Professional association

Ordine degli Ingegneri della provincia di Napoli

Publications

“Green's formulation for robust phase unwrapping in digital holography”

L. Aiello, D. Riccio, P. Ferraro, S. Grilli, L. Sansone, G. Coppola, S. De Nicola and A. Finizio
Optics and Lasers in Engineering, vol. 45, Issue 6 pp. 677-756 (June 2007)

“Investigation of optical birefringence at ferroelectric domain wall in LiNbO3 by phase-shift polarimetry”

M. Paturzo, L. Aiello, F. Pignatiello, P. Ferraro, M. de Angelis and S. De Nicola and P. De Natale

APPLIED PHYSICS LETTERS 88, 151918 (2006)

"Interferometric method for measuring the refractive index profile of optical waveguides directly written in glass substrates by femtosecond laser"

P. Ferraro, L. Aiello, S. De Nicola, A. Finizio, R. Osellame, N. Chiodo, V. Maselli, G. Cerullo, P. La porta

Proc. SPIE Vol. 5858, August 2005.

"Optical properties of waveguides written by a 26 MHz stretched cavity Ti:sapphire femtosecond Oscillator"

R. Osellame, N. Chiodo, V. Maselli, A. Yin, M. Zavelani-Rossi, G. Cerullo, P. Laporta, L. Aiello, S. De Nicola, P. Ferraro, A. Finizio, G. Pierattini

Optics Express, 24 January 2005

"Controlling several image parameters in digital holographic reconstruction process"

P. Ferraro, S. De Nicola, A. Finizio, G. Coppola, D. Alfieri,

L. Aiello, S. Grilli, G. Pierattini

vol. 5457 of "SPIE Proceedings" W. Osten and M. Takeda eds., (SPIE, 2004), pp. 651-659.

Presentations

"Evaluation of optical birefringence at Ferroelectric domain wall in LiNbO₃ by phase-shift polarimetry"

L. Aiello, F. Pignatiello, M. Paturzo, P. Ferraro, S. Grilli, P. De Natale, S. De Nicola

OμS, 15-18 September 2005 Capri.

"GREEN'S FORMULATION FOR ROBUST PHASE UNWRAPPING IN DIGITAL HOLOGRAPHY"

L. Aiello, S. Grilli, L. Sansone, P. Ferraro, D. Riccio, A. Iodice, A. Finizio, S. De Nicola

OμS, 15-18 September 2005, Capri.

"L'Olografia Digitale: strumento quantitativo e non invasivo per la caratterizzazione, il testing e il monitoraggio di strutture"

L. Aiello, D. Riccio, P. Ferraro

Scuola per Dottorandi in Ingegneria dell'Informazione, Napoli, 21-25 febbraio 2005

Training Courses

Data Science and machine learning: making data-driven decisions by MIT-IDSS (Massachusetts Institute of Technology – MIT Institute for Data, Systems, and Society), January 2025

PM & IPT Programme - PM Core Toolkit 2023

Introduzione alla Tutela delle Informazioni Classificate 2023

Perimetro di Sicurezza Nazionale Cibernetica (PSNC) - CORP_ITA_SIC_PSNC_2023

High Performance Collaboration: Leadership, Teamwork, and Negotiation 2022

Elementi di sostenibilità ambientale nel Sistema di Gestione HSE 2022

Classificazione delle informazioni aziendali - processi operativi (modulo II) 2022

Storytelling and influencing: Communicate with impact February 2021

Leadership and Emotional Intelligence October 2021

Finance for Not Financial Manager December 2021

Fundamentals of Project Planning and Management December 2021

Corso di II livello in Europrogettazione: "Gestione, coordinamento e rendicontazione di un progetto europeo", Luglio 2020. APEUR, Ordine Ingegneri Napoli, Fondazione Ordine Ingegneri Napoli

LA PROGETTAZIONE EUROPEA: METODOLOGIE E TECNICHE DI ACCESSO AI FINANZIAMENTI COMUNITARI, marzo 2020. APEUR, Ordine Ingegneri Napoli, Fondazione Ordine Ingegneri Napoli

Europrogettazione e tecniche di accesso ai finanziamenti comunitari 2020. Ordine Ingegneri Napoli.

Re-engineering dei processi mediante analisi di Big Data 2019. Ordine Ingegneri Napoli.

L'informazione nell'era del 5G 2019. Ordine Ingegneri Napoli.

Progetto Kits - Big Data Analytics January 2018.

Utilizzo degli APR nel campo dell'ingegneria 2017. Ordine Ingegneri Napoli

La pianificazione delle moderne reti di telefonia cellulare 2016. Ordine Ingegneri Napoli.

Innovazione tecnologica e terrorismo nell'attuale contesto geo-politico 2016. Ordine Ingegneri Napoli.

Monitoraggio satellitare sulle discariche della provincia di Napoli: il progetto SIMDEO 2013. Ordine Ingegneri Napoli.

Scuola per Dottorati in Ingegneria dell'Informazione, Napoli 21-25 febbraio 2005. Università degli Studi di Napoli Federico II

Seminars

U-space Lessons Learned Webinar 2022

Eurocontrol-network-manager-user-forum-2022 02, 03 February 2022

Air Transport Innovation Initiative Webinar November 2021

EUROCONTROL's NM24.0 Release Webinar February 2020

Conferences

RECA TEU AND TIME BASED SEPARATION symposium on increasing throughput,
Eurocontrol Experimental Center, Bretigny , France, 17 – 18 October 2018

Driving License

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I certify that the information contained in this Curriculum Vitae is true and accurate under DPR 445/2000 artt. 46 and 47 except as provided in art. 76 of this decree, in case of false statements and/or training, or use of false documents, as well as in the case of production of records containing data corresponding to no more than the truth. I authorize the processing of my personal data within the meaning of D.Lgs. 196 of 30 June 2003.

"Il sottoscritto, consapevole che – ai sensi dell'articolo 76 del D.P.R. n. 445/2000 – le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali, dichiara che le informazioni rispondono a verità. Il sottoscritto in merito al trattamento dei dati personali esprime il proprio consenso al trattamento degli stessi per le finalità e con le modalità di cui al decreto legislativo 30 giugno 2003, n. 196, come modificato dal decreto legislativo 10 agosto 2018, n. 101, recante Disposizioni per l'adeguamento della normativa nazionale alle disposizioni del Regolamento (UE) 2016/679 del Parlamento europeo e del Consiglio, del 27 aprile 2016, relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali, nonché alla libera circolazione di tali dati e che abroga la direttiva 95/46/CE (Regolamento Generale sulla Protezione dei dati)".

Date 01/05/2026


