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PERSONAL INFORMATION   Maria Katiuscia Zedda

WORK EXPERIENCE

December 2016 - Present

Senior Programme and Project Manager
Abissi, Abinsula, Italy

- Responsible for writing the technical documentations (Reports, Executive summary, Collection and Analysis of Requirements, etc)
- Innovation Manager of Cerbero project (H2020- ICT1-2016)
- Development of research and marketing strategy
- Sales Support

Business or sector Cybersecurity, Embedded software

October 2016 - December 2016

Independent Innovation Consultant
Key clients include: Abinsula / Vitrociset / Informob / Balance / Insight

- Create flawless documentation, technical proposals, management structures, and budgets
- Liaise with partners as needed from extensive network of industry professionals. Negotiate contracts with public institutions and continue providing critical support after project launch, including revising technical / non-technical deliverables
- Write the answer to call for tenders for large-scale science experiment meticulously analysing participant instruction, collecting technical input, and complying with all requirements (Sales support for Vitrociset)
- Market analysis, business model creation, and business plan development for embedded system market and cybersecurity for critical infrastructures
- Spearhead innovation project proposal writing, gaining funding from European Community and regional institutions
- Training course of European Project Lifecycle Management

Business or sector Deliver Hardware / Software Innovation, Cybersecurity, ICT, Internet of Things

June 2009 – September 2013

Senior Programme and Project manager
Akhela, Italy

- Oversaw multiple aspects of project planning, from building partner network to determining all funding potential
- Collaborated with other partners to write project proposal and contractual negotiation with Public Authorities
- Formed optimal project team, negotiating staff time with development department. Controlled budget. Participated in internal / external meetings
- Deputy Coordinator for Demanes Project (http://www.demanes.eu/)
- Project Manager of several projects: pSafecer (http://www.safecer.eu/) and Arrowhead (http://www.arrowhead.eu/) projects
- Programme Manager for projects in Safety and Security Area
- Key contributor to quality plan development for newly created research department
- Established entirely new research department, propelling goals in cost, quality, & revenue, as well as launching projects from 1 annually to 12 national and European, involving ~15 employees
- Gained senior level leader approval for project strategies by writing effective executive summaries.
- Member of the Industrial Steering Board of Artemis-IA (Artemis Industrial Association), European Expert Evaluator for FP7-ICT

Business or sector Information and Communication Technology and Embedded System, Large Enterprise

January 2007 – December 2008	### Researcher – JOC position

JET, Culham Science Centre, United Kingdom

- Support to the experimental campaign as member of JET plasma operation group for the control and protection systems including control room support and production of technical documentation Analysed dates using various techniques, including either statistical or neural network approaches
- Actively participated in numerous successful experiments, with results reported in research paper for both conference and journal
- Wrote several technical documentations for not only reporting experiment results but also as guideline for utilising diverse JET systems

Business or sector Nuclear Fusion, European Research Centre

May 2005 – December 2006 January 2009 – May 2009	### Post-doc position

University of Cagliari, DIEE, Italy

- Research in the field of 'Scientific and Technical approaches for the identification and the prediction of anomalous events during steady state fusion plasma'
- Management and coordination of research activities in nuclear fusion and preparation of technical documentation for National and European research projects
- Teaching activities: Electro technical (1 and 2), Circuits Models and preparation of brief seminars regarding related, specific subject matter

Business or sector Nuclear Fusion, University and Scientific Research

EDUCATION AND TRAINING

December 2015	### PMP® (Project Management Professional) Certificate

PMI (Project Management Institute), USA

- Project Management Life Cycle using the context of the PMI® Process Groups
- Project management skills and precise language and standardized terminology of PMI

May 2009 – July 2009	### 'Management of integrated system for quality, environment and security and safety' Certificate

Alma Laboris, Italy

- Master 'Enterprise management systems for quality, environment and safety'
- ISO 9001:08, ISO 14001:04, OHSAS 18001, SA 8000, D.Lgs 81
- Privacy management
- Course for internal audit for the quality system and environment

December 2001 – February 2005	**PhD in Industrial Engineering**

University of Cagliari, DIEE, Italy

- Dissertation: "Soft Computing techniques for the prediction and classification of disruptions at JET ".
- Advisor: Professors Alessandra Fanni and Piergiorgio Sonato
- The research activities focused on the identification of soft computing techniques as Neural Networks or Support Vector Machines for the identification and prediction of disruption during the steady state of a fusion plasma
- The research activity was partly (1.5 years) developed at JET (Culham Science Centre, UK)

May 2001	**Master Degree in Electrical Engineering**

University of Cagliari, DIEE, Italy

- Dissertation: "Museum automation using PLC"
- Advisor: Professor Alessandro Giua
- Main topics: Industrial Automation, Control System Theory, Electromagnetism, Electro technical, Electrical System, Energy Production, Signal Processing and Electric and Electronic Measurements

PERSONAL SKILLS

Mother tongue(s)   Italian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English				
C2	C2	C1	C1	C1
Spanish				
B2	B2	B2	B2	B1
French				
B2	B2	B1	B1	B1

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

Communication skills
- My ability to work in a large, multi-cultural groups where team spirit and technical competences are at the heart of the success of research projects have been developed during the international research activities performed at the University of Cagliari together with the several years' experience at JET
- The same attitude and open mind approach have been used and further developed during my experience in Akhela where I was responsible for the development of the research department. This responsibility involved the interaction and coordination of activities with Italian and European partners and developed my capability to interface with different persons and institutions

Organisational / managerial skills
- As Akhela contact point I developed a strategic international research partnership which included large companies, SMEs and research organisations. I was responsible for calling, organising and chairing international project meetings, ensuring the punctual delivery of all reports and deliverables foreseen in the project and, in collaboration with the Quality Manager, identifying and managing risk
- As a responsible for planning and coordination of research projects I worked extensively on high level supervision of all of R&D activities which involved ensuring that all objectives were met on time and on budget and reporting cost and results to the director of research department and to the CEO

Job-related skills
- Deep knowledge of ITER project and Nuclear Fusion programme gained during the PhD and JET experience
- Deep knowledge of Project Management Methodologies gained during more than 5 years working for private company. This knowledge have been further improved taking the PMP certificate
- Experience in writing technical documentation (since my PhD) and procedure
- Experience in proving training at university course and recently for short courses related to project lifecycle management

Digital competence

- In-depth knowledge of Microsoft Office programs, Open Office,Star Office and googledocs
- Good knowledge of software documentation programs and knowledge of software versioning control tools (SVN)
- Good knowledge of web-based project management tool (Zoho Project, Redmine, Polarion and Primavera)
- Basic experience of Requirement Management Tools as IBM Rational Doors