

PERSONAL INFORMATION

Giuseppe Turrisi

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Sex Male | Nationality Italian

WORK EXPERIENCE

November 2013 - today

Junior Scientist

Euro-Mediterranean Centre on Climate Change – CMCC - via Augusto Imperatore, 16 – 73100 Lecce (LE) - Italy <http://www.cmcc.it>

Design and development of Web and iOS Mobile applications to support Decision Support Systems (DSS) in the oceanographic and weather fields, in particular for the Mediterranean Sea.

Development of Graphical User Interfaces and back-end Web Services, as Java Liferay Portlet, for mapping applications.

Implementation of software interfaces between custom applications and geospatial servers.

Development of several portals for the visualization of oceanographic data into the Mediterranean Sea in the framework of ARGES, DeFishGear and TESSA projects, and for sub-regional oceanographic models such as the Adriatic Forecasting System (AFS), the Adriatic Ionian Forecasting System (AIFS) and the Southern Adriatic Northern Ionian coastal Forecasting System (SANIFS).

Business or sector Marine environmental monitoring and forecasting systems; maritime safety; climate change.

EDUCATION AND TRAINING

February 2007

Phd

ISUFI - Istituto Superiore per la Formazione Interdisciplinare - Italy

PhD in "e-Business". Thesis: "Managing complex knowledge in New Product Development"

October 2003

Engineer

Ordine degli Ingegneri della Provincia di Lecce - Italy

Qualification to the exercise of the Engineer profession

February 2003

Degree in Computer Science Engineering

Università degli Studi di Lecce - Italy

Thesis in Production Processes: "Il CNPP (Computer Network Part Program) nella gestione delle celle di produzione flessibili robotizzate".

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English	B1	B2	B1	B1	B2
French	A1	A1	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills gained through my experience in national and European projects

Organisational / managerial skills 2007-2009
Involvement in the Project Management team to manage the three-year AVIO project G-CAE which objective was the choice and the adoption of a technological solution for the management of CAE engineering simulation data
2006-2012
Training and mentoring as part of master's degrees associated with training projects identified in section *Skills and competences*. Experience as a co-relator in various works of thesis

Job-related skills

- Involvement in the following research projects:

DeFishGear

Objective: the project implementation concept relies on monitoring activities, tailored as a “fact-finding” mission that will bring forth the basis for the development of a first joint marine litter strategy in the Adriatic Sea.

ARGES – pAssengeRs and loGistics information Exchange System

Project funded by ETCP “Greece-Italy”. *Objective:* improvement of transport, information and communication networks and service. *Actuator members:* Region of Epirus, Igoumenitsa Port Authority S.A, Patras Port Authority S.A., Corfù Port Authority S.A., Computer Technology Institute and Press “Diophantus”, Port Authority of Bari, Ministry of Infrastructure and Transports – Itaian Coast Guards Headquarters, Province of Barletta-Andria-Trani, Polytechnic of Bari, CMCC - Euro-Mediterranean Center on Climate Change.

TESSA – Development of technologies for the “Situational Sea Awareness” (2012-2015)

Project funded under the Ministry of Education funds. *Objective:* The general objective of this project is to improve and consolidate the products and the operational oceanography service in Southern Italy and to integrate this service with technological platforms of dissemination of information for the ‘Situational Sea Awareness’. *Actuator members:* LINKS, CMCC, CNR-IAMC. *Objective:* to improve and consolidate the products and the operational oceanography service in Southern Italy and to integrate this service with technological platforms of dissemination of information for the ‘Situational Sea Awareness’.

CRESCENDO (2009-2012)

Project of the Technological District DHITECH funded EU Seventh Framework Program.

Actuator members: Airbus, Rolls Royce, Alenia, Avio, eBMS. *Objective:* To develop technologies and methodologies to support the virtualization of the design process and new product development in aerospace.

I- Design Foundation (2009-2012)

Project of the Technological District DHITECH financed by MIUR funds and regional funds.

Actuator members: Alenia, Avio, eBMS. *Objective:* To implement methodologies and technologies related to knowledge management can reduce the lead time in the process of new product development in the context of value networks .

X- Net.Lab (2007-2010)

Funded under the Ministry of Education funds on Public-Private laboratories. *Actuator members:* Avio , eBMS, Engineering. *Objective:* to build a Knowledge based platform to support new product development in the aerospace environment.

X@Work (2006-2009)

Project of the Technological District DHITECH financed by MIUR funds and regional funds *Actuator members:* Avio, eBMS, Engineering. *Objective:* To build a prototype platform to support collaborative work among knowledge workers operating in project-based and process-based contexts.

Computer skills

PROGRAMMING LANGUAGES: C/C++, OBJECTIVE-C, JAVA, PHYTON, VB.NET, C#
SCRIPTING LANGUAGES AND FRAMEWORKS: PHP, ASP, VBSCRIPT, JAVASCRIPT, ADOBE FLEX, AJAX, JQUERY, YII, EASYUI, LIFERAY
IDE ENVIRONMENTS: XCODE, ECLIPSE, VISUAL STUDIO
CAD/CAM SYSTEMS: UNIGRAPHICS NX AND KBE TOOLS, CATIA V5
DBMS: MYSQL, ORACLE, ACCESS.
WEBSERVER: APACHE, IIS.
ELECTRONIC CAD: CIRCAD98, FIDOCAD, MPLABIDE
OPERATING SYSTEMS: APPLE OSX, LINUX, MSWINDOWS

Driving licence

- A, B

ADDITIONAL INFORMATION

Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
References

- Corallo A., Laubacher R.J., Margherita A. and Turrise G. (2009), "Enhancing Product Development through Knowledge Based Engineering (KBE): a Case Study in the Aerospace Industry", Journal of Manufacturing Technology Management, 20(8): 1070-1083.
- Corallo A., Margherita A., Pascali G. and Turrise G. (2011), "Optimizing the design of gearshafts with knowledge based engineering (KBE): an application to aircraft engines", International Journal of Product Development, Vol. 13 No. 3
- Corallo A., Margherita A., Pascali G. and Turrise G. (2010), "Streamlining New Product Development (NPD) in aerospace through Knowledge based engineering (KBE)", POMS 2010 - Operations in Emerging Economies, Vancouver, Canada, May 7th-10th.
- Cannoletta D., Iannuzzo G., Mirra G., Cantarutti A., Toso G., Turrise G. (2010), "Integration between SDM and PDM at Alenia"- NAFEMS European Conference: Simulation Process and Data Management (SDM)" - Frankfurt, Germany 24 - 25 November 2010.
- Corallo A., De Poli G.P., Turrise G., Abbondanza C. (2012), "Una piattaforma per il Collaborative Engineering a supporto del Design Optimization di sottosistemi di motori aeronautici avanzati" - Decennale MIMOS 2012 - Roma, 9-11 ottobre 2012
- Corallo A., Lazoi M., Pascali G.; Turrise G. (2012), "Knowledge-Based-Engineering per l'ottimizzazione della progettazione degli alberi a ingranaggi: applicazione ai motori aeronautici" - Decennale MIMOS 2012 - Roma, 9-11 ottobre 2012