

CURRICULUM VITAE



PERSONAL INFORMATION

Name **TAVIANI CORRADO**
Address **146, v. Trento, 50054 Fucecchio (FI), Italy**
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E-mail **ctaviani@alice.it**
Nationality **Italian**
Birth **AUGUST 14, 1968 - VINCI (FI)**

WORK EXPERIENCE

- Dates (from – to) September 2013 onwards
- Occupation or position held Engineering Consultant
- Main activities and responsibilities Mechanical and mechatronic engineering, Innovation Management, Intellectual Property Analysis (Technical and Strategic support to Inventors and Attorneys, in the private and public sectors), Technical Competitive Intelligence, Project management, Temporary Management.
- Name and address of employer Self employed
- Type of business or sector Engineering - Intellectual Property

- Dates (from – to) March 2005-September 2013 (8 years)
- Occupation or position held Chief Engineer
- Main activities and responsibilities Responding to Executive Director of Engineering Europe.
Currently leading Engineering Services, a heterogeneous team of about twenty people (about three quarters of which are Masters of Engineering equivalents; twelve employees plus six to eleven contractors,) with transversal responsibilities over all of the European developments, including engineering specialists ensuring a deep knowledge of products and methodologies, providing systemic processes and methodological support to the product development teams in Italy, Poland and Germany. The team is performing CAE, Product Assurance, Electronic Engineering, Document Control, Intellectual Property, IT.
In addition to the above, Technical Responsible of an R&D project of 1.5 M€ (co-funded by Regione Toscana), in cooperation with four Engineering Departments of Pisa University. The project scope was to develop a mechatronic door, equipped with mechatronic closure systems, started in October 2010 and ended in January 2013. It involved specialists from the areas of robotics and electronics, as well as materials, NVH and mechanics, not to mention creativity methodology, IP mapping and technology foresight.
From 2008 up to 2011, responsibilities included Engineering Finance, leading the reorganization of the accounting team and related procedures, in order to improve productivity and reduce overheads, with a budget dropping with respect to pre-crisis level. Participating to President's meetings (by quarter) and financial Reviews (monthly). In January 2012, the transition was successfully completed and the Financial Controller currently reports directly to the Executive Director Europe.
From 2005 to 2008 managed the development of a line of products (latches), where four to five Engineering Managers are leading a group of about twenty-five engineers and designers, interacting with most of the major OEMs and developing substantial innovations. supporting a product line with a turnover of 150 M€ per year in Europe (Italy, Poland) and 80 M€ in Brazil. Systemically reviewing projects and supporting Business Development in acquiring new business. Determining resource allocation, reviewing budgets and forecasts coming from managers. Leading technically the product strategy team in Europe and South America, working closely with global Product Management and participating to the quarterly Global Strategy meeting (i.e. Market data, SWOT, Strategic Roadmaps, Intellectual Property Report, R&D report). Part of the global team shaping the new organization and related procedures, including a companywide PLM rollout planning, in year 2006.
- Name and address of employer Magna Closures SpA - via Francia, 101 - 57010 loc. Guasticce - Collesalveti (LI)
- Type of business or sector Automotive

- Dates (from – to) May 2000 – February 2005 (5 years)
- Occupation or position held Engineering Manager
- Main activities and responsibilities Managing and leading technically a group of group of four to eight people, budgeting and forecasting with limited supervision. Initially leading the European portion of a global Customer Group and later, starting from 2002, building and managing Product Innovation Europe, reporting to a global Core Director in Canada. Participating regularly to the quarterly Global Strategy meetings. Awarded for the best Innovation Project companywide in year 2003. Applying global company systems and automotive procedures according to ISO 9001 and ISO/TS 16949, including APQP; training and tutoring engineers to the thorough application of engineering disciplines and in the proper deployment of innovation and IP methodologies.
- Name and address of employer Intier Automotive Closures SpA - via Francia, 101 – 57010 loc. Guasticce - Collesalveti (LI)
- Type of business or sector Automotive
- Dates (from – to) January 1998 – April 2000 (3 years)
- Occupation or position held Project Engineer, CAE Analyst
- Main activities and responsibilities Assigned to new latch development, initially developed the ISO/TS procedures for engineering, championing the application of QFD and DOE, CAE Analyst introducing simulation tools in the company. Starting from fall 1999, technical liaison in a global team launching a new product, a business of 60 M€ per year in Europe and 40 M\$ in NA, spending nearly half of the years in NA offices, having an excellent opportunity to learn about products, global customer and supplier relationships, plus a good understanding of both the American and Company culture.
- Name and address of employer Intier Automotive Closures SpA - via del Chiassatello, 3 - 56100 Pisa
- Type of business or sector Automotive
- Dates (from – to) July 1996 – December 1997 (18 months)
- Occupation or position held Co-Op Student
- Main activities and responsibilities ISO/TS procedures, QFD, CAE.
- Name and address of employer Atoma Roltra SpA - via del Chiassatello, 3 - 56100 Pisa
- Type of business or sector Automotive

EDUCATION AND TRAINING

Education

- Dates (from – to) 1988-1997
- Organization providing training Università degli Studi di Pisa
- Principal subjects Aeronautical Engineering. Professional Engineer
- Title of qualification awarded Master Degree in Aeronautical Engineering, 106/110
Professional Engineer
- Level in national classification Degree, ISCED 5
(if appropriate)
- Dates (from – to) 1982-1987
- Organization providing training Liceo Scientifico G. Marconi
- Title of qualification awarded Scientific Secondary School, 60/60
- Level in national classification Secondary school, ISCED 3
(if appropriate)

Training

- Training Date 2011
- Organization providing training Intecs (Pisa)
- Title of training ISO 26262 "Road vehicles - Functional safety" and IEC 61508 "Functional Safety of Electrical/Electronic/Programmable Electronic Safety-related Systems"

- Training Date 2011
- Organization providing training IET Department - Università degli Studi di Pisa
- Title of training Mechatronics
- Training Date 2010
- Organization providing training Magna (Internal Training)
- Title of training Design for Six Sigma (DFSS) - Green Belt
- Training Date 2006
- Organization providing training Controller Akademie – Associazione Industriali della Provincia di Livorno
- Title of training Business Administration
- Training Date 2005
- Organization providing training International TRIZ Association (MA TRIZ)
- Title of training TRIZ
- Training Date 2002
- Organization providing training Magna (Internal Training)
- Title of training Budgeting and Business Strategy
- Training Date 2002
- Organization providing training Magna (Internal Training)
- Title of training Design Review Trainer (including Lessons Learned Database Training)
- Training Date 2001
- Organization providing training Magna (Internal Training)
- Title of training Global Change Management System
- Training Date 2000
- Organization providing training Galgano Formazione – Istituto Superiore Sant'Anna
- Title of training Problem Finding e Problem Solving Techniques
- Training Date 1999
- Organization providing training Merli & Partners – Price, Waterhouse & Cooper
- Title of training Lean Organisation and Program Management
- Training Date 1999
- Organization providing training MaSto (Canada, AQSR certified)
- Title of training QS9000 Internal Auditing
- Training Date 1998
- Organization providing training Galgano Formazione
- Title of training Design of Experiment (DOE)

**PERSONAL SKILLS
AND COMPETENCES**

MOTHER TONGUE ITALIAN

OTHER LANGUAGES

ENGLISH

- Reading skills EXCELLENT
- Writing skills GOOD
- Verbal skills GOOD

FRENCH

- Reading skills
- Writing skills
- Verbal skills

GOOD

BASIC

BASIC

SOCIAL SKILLS AND COMPETENCES

Due work assignments, I have been interacting in a global environment since 1999. Communicating with peers and superiors, suppliers and customers from North America and Brazil became very familiar to me. This experience led me to build relationship of mutual trust, understanding and respecting the cultural differences, but also to learn the most effective way to interact within the various cultural environments. My communicational style, in example, has been strongly influenced from American leaders in my company, direct and data driven, but mitigated by the experience with my Brazilian colleagues, who require a milder and relationship-oriented approach. I had occasions to work in global teams including Indian, Japanese and Chinese colleagues and to continue this interaction with them regularly.

During my entire career, I've always been an enthusiast of engineering methodologies and their application to real world cases; in all the teams I worked with, I've been promoting open-mind discussion and no-prejudice attitude, but clearly oriented towards data and application of engineering disciplines. I got certified as DFSS Green Belt, with two specialists in my team, out of the four in the first year in the whole European Engineering (200 employees).

Specialties:

Leading and coordinating transitions, global thinking, understanding and adapting to cultural differences, teambuilding, tutoring, spreading passion and method.

ORGANISATIONAL SKILLS AND COMPETENCES

Responsible, at various levels, of coordinating multiple Engineering Departments for the last 8 years. Main Areas: Door Latches and Latching Systems, Innovation, CAE and Product Assurance, Intellectual Property. In this role, I worked with major OEMs in Europe, Brazil and North America, leading engineering teams in Europe and Brazil, plus a Special Team in North America for two months. I've got Program Management experience, including full-time Program Management responsibility for innovation programs and several temporary assignments to lead Task Forces solving critical issues. Participation to the Global Team that reshaped engineering and related processes, as part of a corporate reorganization introducing a new PLM software, gave me occasion to understand executive management organizational perspective.

In the past, I used to report directly to Engineering VPs and Directors based in North America and the Brazilian Engineering Office used to report to me. I also worked in a matrix organization with German colleagues, having direct reports in Germany. In 2006-7, I was the technical member of a tripartite team leading the European Business Development and elaborating product strategies for this region plus Brazil.

From 2001 to 2013, I managed the IP of the European Engineering, with an annual budget reaching 200k€, directly experiencing infringements, licensing and litigation.

In 2008, I got the task to rethink the structure of Engineering Finance Department (cost accounting). This assignment led me to contract and lead the development of a proprietary database for industrial accounting, taking care of budgeting, forecasting, data collection about actual hours and costs, and reporting.

Specialties:

Coordination of Special Teams working under pressure. Truly global attitude. Handy yet firm management style. Proven strategic thinking.

TECHNICAL SKILLS AND COMPETENCES

My graduation thesis was about quality assurance applied to engineering processes, involving engineering disciplines such as FEA, DFMEA and QFD and their application into the development of a new product. In my various roles, I enthusiastically promoted the diffusion of a deep knowledge and systematic application of methodologies inside engineering. This effort, in strict and continuous cooperation with the University of Pisa, led the innovation team to a significant increase in creativity and development throughput. My patents and publications are listed in the "additional information" section at the end of this CV, but much more relevant, under my tenure the innovation team doubled its yearly patents production and kept this rate ever since.

Experienced in reviewing and approving Engineering Specifications, DFMEAs, Validation Plans and performing Design Reviews in order to ensure the proper application of engineering disciplines in innovation, during developments and in post-launch modifications in the whole European organization. Reviewing simulations performed by the CAE team, pursuing the improvement of correlation and working as a team with the objective of a reliable and compelling virtual validation. Fostering and distilling lessons learned and managing the Knowledge Management database. Management of Intellectual Property and patent related issues, in direct contact with Corporate Attorneys.

My experience with problem solving tools, and enthusiasm in using them, gained me several assignments to special teams with a multidisciplinary approach, most of them as a champion. This helped

me to keep in touch with plant operations and related issues, solving a variety of cases ranging from quick fixes to long-term systemic improvements.

Specialties:

Engineering processes, Engineering disciplines, methods and methodologies, (QFD, DFMEA, VA/VE, DOE), Creativity (TRIZ, Design by Analogy, etc.), FEA analysis, Problem Solving, APQP and related tools.

Engineering Budgeting, Product Strategy support to Business Cases.

**SOFTWARE SKILLS
AND COMPETENCES**

Microsoft Office (Word, Excel, PowerPoint & Project): advanced user

Statistics: Minitab

CAD/CAE fundamentals : Matlab, Autocad, MSC FEM Suite and ADAMS, Abaqus, VisVSA

IP search and management software: advanced user

Project management and knowledge management: software: experienced user, implementation leader, contracting and leading developments

Specialties:

Managing database development at local and corporate level (i.e. Knowledge Management, Cost Accounting, Intellectual Property)

**OTHER SKILLS
AND COMPETENCES**

Among my friends and colleagues, I had occasion spread the passion for sailing, with several of them now joining me in this activity. Sailing is not only a wonderful way to enjoy the sea and the wind, sail cruising also represents a very effective teambuilding exercise and fits perfectly to develop communications and relationship between colleagues.

DRIVING LICENCES

Italian driving license, vehicle category: B. Boating Licence (Sailing, unlimited)

ADDITIONAL INFORMATION

Patents

- Sbrana R., Taviani C., Device for securing an adjustable back of a seat to a motor vehicle body, European Patent, EP1026028, **2000**
- Taviani C., Serratura per una porta di un autoveicolo, Italian Patent, TO2003A00874, **2003**
- Taviani C., Ottino F.G., Lock for a door of a motor vehicle, European Patent, EP1512815B1, **2004**
- Bigazzi L., Taviani C., Automotive door lock, US Patent, US20060284426, **2006**
- Taurasi M., Taviani C., Vehicle latch with secondary engagement between cam and auxiliary pawl, US Patent, US20100052341, **2010**

International Journals

- Fantoni G., Taviani C., Santoro R., Design by functional synonyms and antonyms: a structured creative technique based on functional analysis, JOURNAL OF ENGINEERING MANUFACTURE, Vol. 221 Part B, pp 673-684, **2007**

International Proceedings with double blind referees

- Fantoni G., Santoni G., Taviani C., Vezzi F., Synergies between Engineering Solutions in QFD Analysis, 10th International Conference on Concurrent Enterprising, pp 87-94, Sevilla, vol. 1, **2004** Saponara S., Bove A., Baronti F., Roncella R., Saletti R., Dente D., Leonardi E., Marlia, M., Taviani C., Thermal, electric and durability characterization of supercaps for energy back-up of automotive ECU, Industrial Electronics (ISIE), 2013 IEEE International Symposium, May 28, **2013**
- Saponara S., Bove A., Baronti F., Roncella R., Saletti R., Dente D., Leonardi E., Marlia, M., Taviani C., Thermal, electric and durability characterization of supercaps for energy back-up of automotive ECU, Industrial Electronics (ISIE), 2013 IEEE International Symposium, May 28, **2013**

Invited speaker

- Taviani C., Engineering Suppliers vs. Technology Partners, "Industrial Forum on Evolving Value Chains", ICI Conference, Roma, December 1, **2003**
- Taviani C., Concurrent Engineering: Intier's VISION, "Industrial Forum on Evolving Value Chains", ICI Conference, Roma, December 1, **2003**
- Taviani C., Fossati S., Technology Intelligence and Human Centred Solutions, Bad Nauheim, April 10, **2014**

Tutor of Master Theses

- Polerà, Guglielmo, **2003**
- Ciompi, Massimiliano, **2003**
- Giua, Ermanno, Metodi innovativi per la standardizzazione di prodotto, Tesi di Laurea Specialistica in Ingegneria dei Veicoli Terrestri, relatori C. Taviani, G. Fantoni, M. Braglia, S. Bordone, Pisa, 20 Luglio **2005**

Internal Awards

- Taviani C., Orion Project, Intier Closures Innovation Award, **2003**

Hereby I authorize the use of my personal data in compliance with the Italian law N° 675/96.



4. INFORMATIVA AI SENSI DEL D. LGS. 196/03

(COMPILARE I CAMPI IN MANIERA LEGGIBILE)

Cognome TAVIANI Nome CORRADO

Luogo e data di nascita VINCI (FI) - 14/08/1968

Cittadinanza ITALIANA

Domicilio Via TRENTO, 146 - 50054 - Fucecchio (FI)

Indirizzo Via TRENTO, 146 - 50054 - Fucecchio (FI)

Attività principale esercitata Ingegnere

Codice Fiscale TVNCRD68M14M059C

Desideriamo informarLa che, al solo fine di gestire il rapporto contrattuale tra Lei e l'Agenzia nazionale per l'attrazione degli investimenti e lo sviluppo d'impresa S.p.A. (in seguito denominata Agenzia), trattiamo dati che riguardano Lei (ed i suoi familiari), la cui conoscenza, pur non essendo obbligatoria, si rende necessaria per dar corso al contratto che ci lega.

Le nostre procedure interne prevedono che i dati siano raccolti in archivi cartacei ed informatici secondo le modalità strettamente necessarie alle indicate finalità.

I dati che La riguardano vengono trattati per le seguenti finalità:

- (a) Finalità connesse e strumentali alle attività professionali e di consulenza svolte a favore della Società
- (b) Finalità connesse a obblighi di legge, regolamenti, normative nazionali e comunitarie e disposizioni di autorità amministrative.

Il conferimento di questi dati pur non essendo obbligatorio è necessario per attivare il rapporto di collaborazione e l'eventuale rifiuto non consentirà l'attivazione del rapporto giuridico.

In particolare, i dati che La riguardano sono costituite da anagrafiche, codice fiscale o numero di partita IVA, sede societaria, numero telefonico e di fax, indirizzo di posta elettronica, tutti da considerarsi come dati comuni.

(Solo in caso di trattamento di dati sensibili) Potremmo utilizzare dati che il D.Lgs. 196/03 qualifica come sensibili per il perseguimento delle medesime finalità sopra indicate. In tal caso La preghiamo di voler esprimere il Suo consenso.

I suoi dati potranno essere comunicati, per le finalità di cui sopra, ad alcuni soggetti che intervengono nel nostro processo aziendale (ad es. banche): tale trasmissione si rende necessaria per poter gestire il rapporto contrattuale in essere, ma non necessita di alcun consenso da parte Sua.

L'elenco dettagliato di detti soggetti è disponibile presso la sede dell'Agenzia via Calabria, 46 - 00187 Roma.

Le informazioni che La riguardano potranno, altresì, essere utilizzate da dipendenti dell'Agenzia, che ricoprono la qualifica di Responsabili o di Incaricati del trattamento, per il compimento delle operazioni connesse alla finalità sopra descritte.

La comunicazione dei suoi dati potrà essere effettuata esclusivamente per l'adempimento di obblighi di legge o per finalità contabili nonché per dar corso al rapporto contrattuale in essere.

I predetti dati non saranno diffusi né sarà comunque effettuato alcun trasferimento all'estero salvo quanto previsto dall'art. 18 D.L. 22 giugno 2012 n. 83 conv. con modificazioni nella L. n. 134 del 7 agosto 2012.

In ogni momento Lei si potrà rivolgere all'Agenzia, Titolare del trattamento, con sede in Roma alla Via Calabria n. 46 e, in particolare, al Responsabile per la gestione delle istanze degli interessati al medesimo indirizzo sopra riportato o all'indirizzo di posta elettronica centrodiicompenezaprivacy@invitalia.it per esercitare i diritti di cui all' art. 7 del D.Lgs. 196/03 quali il diritto di accesso, di opposizione, di integrazione.

L'elenco aggiornato dei Responsabili del trattamento può essere conosciuto in modo agevole tramite sito web.

(Solo in caso di trattamento di dati sensibili)

Preso atto dell'informativa rilasciatami

CONCEDO

NON CONCEDO

Il consenso per il trattamento dei miei dati sensibili, ai sensi dell'art. 4, comma I lett. d) del D.Lgs 196/03, per le finalità sopra indicate.

Data 30/06/2014

Firma

