



Giuseppe Femia

Nationality: Italian

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Address : Corso Francia 253, 10139 Turin (Italy)

WORK EXPERIENCE

Technical director

DKC Europe Srl. [04/06/2018 – Current]

- www.dkceurope.com

City: Turin

Country: Italy

- Responsible for the R&D and Service Departments of the power electronics Business Unit: ESS (Energy Storage Systems), EV (Electric Vehicle) charging stations, UPS (Industrial Uninterruptible Power Supplies);
- Leader of a multidisciplinary team composed by electronic and software engineers, CAD designers and lab technicians;
- Defines the development strategies and technical specifications of new products;
- IP Manager and link with Universities and Research Centers;
- Key reference for the definition and the analysis of the budget assigned to new projects.

Technical director

Solergy Inc. [01/04/2009 – 31/05/2018]

- www.solergyinc.com

City: Rome

Country: Italy

- Responsible for development, design and implementation of "Concentrated Photovoltaic systems" (CPV);
- Managing the process of developing and implementing the pilot production line;
- Development and testing of new prototypes and machines for the pilot production line (such as laser-based apparatus for quality control in a light lab);
- Supervision of development process for the glass lenses and implementation of quality control system on site;
- Filing of patents and management of intellectual property;
- Managing the attainment of IEC certification.

Product Innovation Manager

SIDEL S.p.A. [01/01/2008 – 31/12/2008]

- www.sidel.com

City: Mantua

Country: Italy

- Co-ordinating the R&D Team, projects and budgets;
- Responsible for product innovation and validation as well as new business, such as modular design for beverage filling lines;
- Filing of patents and management of Intellectual Property.

R&D mechanical engineer

SIDEL S.p.A. [23/01/2006 – 31/12/2007]

City: Mantua

Country: Italy

- Design and validation of new products, such as cold glue labellers and cam based mechanisms;
- Technical reference for the Total Quality Management.

Technical advisor

Enter S.r.l. [10/01/2005 – 10/01/2006]

City: Cesena

Country: Italy

- Expert in 3D-Cad, design work on parametric design (spare parts configurators);
- Calculation/simulations of production processes (agricultural tires, gym equipment);
- Design of new systems such as machines for roadworks.

EDUCATION AND TRAINING

Certified public accounting habilitation

[16/07/2004]

B.A. in Mechanical Engineer - final grade 110/110 cum laude

Università della Calabria - Campus di Arcavacata [09/1998 – 04/2004]

Address: Cosenza (Italy)

Level in EQF : EQF level 7

Mechanical design, Structural analysis, Materials, Thermodynamics, CAD

Attainment of secondary school certificate - final grade 60/60

Liceo Scientifico Zaleuco [09/1993 – 07/1998]

Address: Locri (Italy)

Level in EQF : EQF level 4

Mathematics, Physics, Chemistry, English, French

LANGUAGE SKILLS

Mother tongue(s):

Italian

English

LISTENING: C2 READING: C2 UNDERSTANDING: C2

SPOKEN PRODUCTION: C2

SPOKEN INTERACTION: C2

French

LISTENING: B1 READING: B2 UNDERSTANDING: B1

SPOKEN PRODUCTION: B1 SPOKEN INTERACTION: B1

German

LISTENING: A2 READING: A2 UNDERSTANDING: A1

SPOKEN PRODUCTION: B1 SPOKEN INTERACTION: B1

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Team work: I enjoy to lead a team and value the diverse contributions of the team members - may they be creative, analytic, intuitive, target-oriented or in any other way fruitful for the performance of the group; I also have experience in leading R&D teams in Europe and US;
- Communication: I like to build bridges between academic discourse, technical specification and shop-floor production requirements and between different cultural contexts;
- I am able to manage stressful situations with a cool head and adapt to a multicultural environment.

Attendance at training sessions "Managerial Laboratory" by Cegos Italia

ORGANISATIONAL SKILLS

Organisational skills

- Leadership: Clear visions and explicit targets are for me not only a reference point in leading a team but also the red thread which is structured by timelines, milestones, work packages and deliverables.
- I have found that it is very motivating for a team to create visible results and that these allow to control progress and the overall orientation of the project.

Attendance at a training session on "Leadership and management in action" by WW Consulting International

JOB-RELATED SKILLS

Job-related skills

- Research and Development processes;
- Power electronics;
- Renewable energies;
- Firmware and Software architectures;
- Optics;
- Calculations and simulations;
- Mechanical design and automation;
- Quality management and processes control;
- Planning of work packages under economical perspective;
- Laws and procedures for the Intellectual Property in Europe and US.

DIGITAL SKILLS

Microsoft Office / Software di progettazione: Catia V5, FIDES, Autocad, Robcad, ProENGINEER / MSC PatranNastran / MSC Adams / Wolfram Mathematica / Matlab / LabVIEW / Programming Language: C++, Java, Python, PLC programming / SAP / Cadence OrCAD

PUBLICATIONS

Publications

Patents

EP000002214951: A SYSTEM FOR THE ANGULAR ORIENTATION AND DETECTION OF CONTAINERS IN LABELLING MACHINES

EP000002296984: MOTORIZED GLUING GROUP

EP000002702013: PROCESS FOR THE PRECISION MOULDING OF GLASS MANUFACTURED ARTICLES WITH GREAT SIZES, IN PARTICULAR LENSES

ITRM0020100598: DISPOSITIVO DI INSEGUIMENTO SOLARE E SUO UTILIZZO

Publications

[Leonardo Micheli](#), [Giuseppe Femia](#), [Martina Liani](#), [Ruggero Poli](#), [Yoav Banin](#), [Giovanni Lanzara](#), and [Sarah Kurtz](#), Analysis of initial performance of Solergy's HCPV/T system at Rome-Fiumicino International Airport, AIP Conference Proceedings **1881**, 020008 (2017)

DRIVING LICENCE

Driving Licence: **B**

HOBBIES AND INTERESTS

Hobbies

I enjoy reading, playing piano, hiking and travelling.

PRIVACY

Personal information

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document