

Fabrizio Marani

Personal information

- Civil status: Free
- Nationality: Italian
- Date of birth: 10th January 1975
- Place of birth: Scandiano (Reggio Emilia)
- Lives in: Casinalbo (Modena)
- Military service: Acquitted

Professional Experience

- 01/09/2019 **LB Technology s.p.a** - Fiorano Modenese (Modena), Italy
Multinational ceramic industry
Laboratory and R&D Manager
- Research, development and industrialization of new products and technologies for tiles decoration with powders.
 - Research, development and industrialization of new technologies for powder treatment (milling and granulation) for ceramic and fertilizer field.
 - Technological training and Customer service.
 - Management of technological trials for customer.
 - Management of funded projects (MiSE; Horizon; Life)
- 05/10/2016 – 31/08/2019 **Nuova Riwal Ceramiche s.r.l** - Casalgrande Padana Group - Maranello (Modena), Italy
Ceramic company
Plant Operations Manager
- Management of ceramic slabs (Continua +/-PH Press) and tiles production.
 - Installation and start up of new technologies for tiles and slabs production.
 - Research and development of new ceramic products.
 - Management of funded projects (MiSE).
 - Head of plant for safety and environment.
- 01/02/2012 – 30/09/2016 **System s.p.a** - Fiorano Modenese (Modena), Italy
Multinational ceramic industry
Technical Product Manager
- Research and development of materials and technologies for digital decoration of tiles.
 - Technological assistance to the production processes of tile and slabs.
 - Development of tiles with new decoration technologies and colors suppliers.
 - Research and development of ceramic advanced materials.
 - Technological scouting of new ceramic technologies (CNR, CRIT, Universities).
 - Management of Italian (MIUR) and European funded projects (Life plus, P7Q, Horizon 2020).
- 11/10/2004 – 31/01/2012 **System s.p.a** - Fiorano Modenese (Modena), Italy
Multinational ceramic industry
Lamina/Gea Process & Product Manager
- Start up of Lamina ceramic plants (Kalebodur – Turkey – May/September 2005; Levantina – Spain – May/November 2006; The Size - Spain – January/May 2008; Panaria Group – Italy – February/June 2009 & August/October 2011; Mosa – Netherlands – February/September 2012).
 - Technological training and Customer service.
 - Research and development process to produce ceramic slabs.
 - Research and development process to produce slabs composite material (Henkel, Mapei, Dow).
 - Research and development of new ceramic product (TiO₂, dry glaze, digital decoration, ...).
 - Standardization of thin materials application (cladding walls, layng, ...).

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- 10/02/2003 – **Johnson Matthey Glass** s.p.a - Spezzano (Modena), Italy
30/09/2004 *Multinational chemical industry*
Technical sales engineer
- Technical sales for automotive industry (Pilkington, Sekurit Saint Gobain, Glaverbell), glasses and bottles (precious metals).
 - Customer service.
 - Research, development and industrialization of new products.
- 11/12/2000 – **Technological Center – Siti BT Group** - Formigine (Modena), Italy
31/01/2003 *Multinational ceramic industry*
Scientific and technological laboratory manager
- Raw materials characterization (DSC/DTG/TG, heating microscope, pyroplastic and dilatometer analysis, laser particle size, ...).
 - Research and development of ceramic products.
 - Editing of technological know-how.
 - Customer technological training.
- 01/04/1995 – **Centro Tende di Eronne Pellacani** - Modena, Italy
30/04/1999 *Curtains shop*
Assembler - Work in order to pay the University fees.
- 28/11/1994 – **Kraft General Food S.p.A.** - Modena, Italy
16/12/1994 *Food industry*
Christmas baskets manager - Temporary job.
- 01/07/1993 – **Società Cooperativa La Savignanese** - Spilamberto (Modena), Italy
01/09/1993 *Porterage Cooperative*
Porter - Summer job.
- 24/06/1992 – **A.P.C.A.** - Ganaceto (MO), Italy
27/07/1992 *Flour-mill*
Apprentice miller - Summer job
- 17/06/1991 – **Carrozeria Stylbus** - Modena, Italy
25/07/1991 *Coach builder*
Apprentice welder - Summer job
- Training**
- 11/2022 **Start of PhD course in " Models and Methods for Material and Environmental Sciences" - Effect of raw materials, moisture and binder on the granulation process".**
Università degli Studi di Modena e Reggio Emilia
- 10/2022 **Gestione dei progetti complessi - Operazione Rif. PA 2021-15658/RER**
Zenit Formazione
- 05/10/2021 **Prince2 Foundation Certificate in Project Management**
PeopleCert - Axelos
- 5/10/2015 – **"Business management; managerial tools"**
18/12/2015 Emmedelta Group (30 ore)
- 15/03/2014 – **"Project Management"** - European qualification Framework 7° Level
30/06/2014 Course "Capitale Umano" rif. PA 2013-2343/RER - 300 hours
- 06-10/2013 Course **"Leadership and Management"**
Emmedelta Group (30 hours)

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- 26-27/02/2010 Course “**Conversation between chief and collaborator**”
Tibicon – Professor Arduino Mancini
- 16/12/2008 Certificate of **European adhesive bonder** (structural bonding)
Istituto Italiano Saldatura – Genova, Italy
- 12/12/2008 Course “**Power of communication**”
Tibicon – Professor Arduino Mancini
- 16-17/10/2008 Course “**I win, you lose – Negotiate inside organization**”
Tibicon – Professor Arduino Mancini
- 05-08/2008 Course “**Site safety**”
+ FOR – Sassuolo, Italy
- 01-05/06/2008 Course of **project management** (40 hours)
Professor Rosario Rizzo (European School of Project Management)
- 02-06/02/2007 Course of **rheology**
Rheology school of Eni Power – Mantova, Italy

Education

- 11/11/2000 **State qualifying examination to practice chemist profession**
University of Modena e Reggio Emilia - Modena, Italy
- 21/10/2000 **Chemistry degree – Inorganic and analytical studies**
University of Modena e Reggio Emilia - Modena, Italy
- Rating: 110/110 with honors.
 - Chairmans: Professor P. Zannini and Professor G.C. Franchini.
 - Experimental thesis: “Development of the colour and the technological characteristics of a ceramic material, like gres porcelain, in function of its chemical composition”.
- 01/07/1994 **Diploma of industrial chemist**
I.T.I.P. Enrico Fermi - Modena, Italy
- Rating: 50/60

Publications

- **Printing nano TiO₂ on large-sized building materials: Technologies, surface modifications and functional behaviour** - Ceramics International 38 (2012) 4685–4693- 24 February 2012.
- **Photocatalytic, highly hydrophilic porcelain stoneware slabs** - ICC3: Symposium 16: Innovation in Refractories and Traditional Ceramics - IOP Conf. Series: Materials Science and Engineering 18 (2011) 222022.
- **Processing and properties of large-sized ceramic slabs** - Ceramica y Vidrio - March 2010.
- **Dalla ceramica, luce in galleria** - Quarry and Construction - January 2009.
- **Colour, pigments and colouring in ceramic** - Italian Ceramic Society – Publishing house S.A.L.A. - June 2003.

Technology

Skills

- Operating environments (Windows): Excellent knowledge.
- Programs for general use (Word, Excel, Power Point; Photoshop): Excellent knowledge.
- Programs for internet browsing and e-mail (Outlook): Excellent knowledge.
- SAP: Sufficient knowledge.
- Microsoft Project: Good knowledge.
- Autocad: Sufficient knowledge.

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Languages

- English: fluent (B1 Level – Cambridge PET Certification).
- Spanish: sufficient knowledge of spoken.