

Curriculum Vitae

PERSONAL INFORMATION

First name(s) / Surname(s)
Address(es)
Telephone(s)
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E-mail
Nationality
Date of birth

Comas Vieta, Georgina

Av. Estació, 54. 17300, Blanes (Girona). Spain.
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georgina@tmcomas.com
Spanish
6th of November, 1984

WORK EXPERIENCE

2011-Nowadays

t.m. Comas

Family-owned company, established on 1954. Our business is to offer service to the industry repairing and/or manufacturing pieces and complete equipment. As part of this service, the company offers precision machining, thermal spray, laser cladding, babbitt bearings, metalurgical assesment and technical office. Mainly, our customers are chemical, petrochemical and power generation companies.

Working in different departments:

- ✓ Management: Attached to CEO, developing tasks according to the occupied position. Calculation, monitoring and control of strategic indicators. Definition and control of particular and general objectives. Attendance to meetings, conferences... representing the company.
- ✓ Production planning: Head of department. Planning and controlling jobs in the workshop, depending on orders and deliveries. Coordination with suppliers and subcontractors.
- ✓ R&D: Attendance to project meetings.
- ✓ Sales: Visits to customers, when needed.
- ✓ Quality: Responsible for the ISO 9001:2008.
- ✓ Health and safety: Head of department.

2008-2011

t.m. Comas

Working in different departments:

- ✓ Laser Cladding: Development of the technique and optimisation of working parameters. Participation in research projects and divulgation acts.
- ✓ R&D: Participation in preparing projects requests, development of projects, visits to technological centers and research centers, attendance to meetings.
- ✓ Sales: Visits to customers, when needed.
- ✓ Quality: Responsible for the implantation of a new quality management system, based on ISO 9001:2008.
- ✓ Health and safety: Head of department.

2000-2008

t.m. Comas

Working in different departments (during summer holidays):

- ✓ Thermal Spray: Development of different jobs for customers, to learn about the technique and the equipment.
- ✓ R&D: Visits to technological centers and research centers, attendance to meetings.
- ✓ Sales: Visits to customers, when needed.
- ✓ Financial: Development of different tasks to support people in the department.
- ✓ Quality: Maintenance of the quality management system, based on ISO 9001:2000.
- ✓ Health and safety: Implementation of a prevention maintenance system for machinery.

2003-2006



Thermal Spray Centre (CPT) is a research center from Universitat de Barcelona specialized since 1994 within the field of Surface Engineering. Thermal Spray Centre (CPT) specialises in all kind of services related to thermal spray technologies as an integral part of surface engineering.

Working as intern student:

- ✓ Developing tests following instructions.
- ✓ Preparing samples for optical microscopy, and realization of photomicrographies.
- ✓ Preparing samples for SEM, and realization of photomicrographies.
- ✓ Preparing samples for TEM.

2003/2004: 320 hours.

2004/2005: 480 hours.

2005/2006: 480 hours.

CONTACT: Prof. Josep Maria Guilemany (General Manager)

**PARTICIPATION IN R&D
FUNDED PROJECTS**
(as TMCOMAS)

- **ALAS** "Adaptative laser cladding system with variable spot sizes". GA 315614-FP7-SME-2012-1. (ongoing)
- **TECNOFAB** "Aplicación de tecnologías avanzadas para el desarrollo de procesos de fabricación no convencionales". IDI-20111433. (ongoing). "*Application of advanced technologies for the development of non conventional production processes.*"
- **NANOMAT** "Materiales híbridos y recubrimientos basados en nanopartículas". IDI-20110570, (ongoing). "*Hybrid materials and coatings based on nanoparticles.*"
- **IMMEDIAT-ÓS** "Desenvolupament d'implants dentals". ACC10+Fons FEDER. Nº expedient: RD09-1-0073. (2010-2012). "*Development of dental implants.*"
- **LASERTEC**. Programa Operativo de I+D+i por y para el beneficio de las Empresas-Fondo Tecnológico, 2007-2013. CDTI. IDI-20090357. (2009-2011). "*Development of Laser Cladding Technology.*"
- **ARTDECO** "Avances en Recubrimientos Tecnológicos para aplicaciones DECOrativas". Programa CENIT 2007-2011, CDTI. (2007-2010). "*Developments in technical coatings for decorative applications.*"
- **COMETA** "Clean, reliable and safety cost-effective industrial production of Coatings from non-conventional nanocrystalline/metastable reinforced ceramic powders". VII Programa Marc, Comunitat Europea. Round 2 (no granted). CP-IP 229169-1.
- **NAMAMET** "Processing of Nanostructured Materials through metastable Transformations". VI Programa Marc, Comunitat Europea. Projecte nº STRP-001470. (2004-2007).

**PUBLISHED ARTICLES
AND LECTURES**

- "*Cojinetes de Metal Antifricción: ¿qué son y para qué sirven?*". G. Comas. Ingeniería Química, nº482. Year 2010. Pages 36 a 42. "*Babbit Bearings: definition and uses*"
- "*Recuperación de husillos de bomba de geometría compleja mediante láser cladding*". P. Ambros, J. Derteano, G. Comas, R. Franch. Acts of the 6th National Workshop in Materials Processing by Laser / Photonics. Valencia 2010. AIDO, Paterna (2010). "*Repair of complex-geometry screws pump by laser cladding*".
- "*Aplicación industrial de la tecnología láser cladding: materiales y ejemplos reales*". R. Franch, G. Comas. Acts of the International Welding and Joint Technologies Congress. Madrid (2010). "*Industrial Application of laser cladding technology: materials and real examples*".
- "*Aplicaciones industriales reales del procesado de materiales por láser cladding*". R. Franch, G. Comas. Acts of the 7th Technical Sessions in Materials Processing by Laser Technologies. AIMEN, O Porriño (2010). "*Real industrial applications for materials processing by laser cladding*".
- "*Caracterización de recubrimientos industriales de Stellite 6 obtenidos por Láser Cladding*". R. Franch, G. Comas. Acts of the 8th Technical Sessions in Materials Processing by Laser Technologies. AIMEN, O Porriño (2011). "*Characterization of Stellite 6 industrial coatings, obtained by Laser cladding*".
- "*Caracterización de recubrimientos industriales de Stellite 6 obtenidos por Láser Cladding*". R. Franch, G. Comas. Acts of the International Welding and Joint Technologies Congress. CESOL, Madrid (2012). "*Characterization of Stellite 6 industrial coatings, obtained by Laser cladding*".

- "Caracterización de recubrimientos industriales de Cermet de Carburo de Tungsteno obtenidos por Láser Cladding". R. Franch, G. Comas. Acts of the International Welding and Joint Technologies Congress. CESOL, Madrid (2012). "Characterization of Tungsten Carbide industrial coatings, obtained by Laser cladding".
- "Reparación y Reconstrucción de piezas de alto valor añadido mediante aporte de aceros inoxidables por Láser Cladding". R. Franch, G. Comas. Acts of the 9th Technical Sessions in Materials Processing by Laser Technologies. AIMEN, Vigo (2013). "Repair and reconstruction of high added value pieces by stainless steel laser cladding coatings".

EDUCATION AND TRAINING

2011-2013

Master in Business Administration

Fundació Universitat de Girona

- XI Award AMG for the Best Business Plan.

2009-2011

Materials Engineering

Universitat de Barcelona i Universitat Politècnica de Catalunya

- Award for the Best Academic Expedient of the year 2010-2011.

2002-2009

Degree in Chemistry

Universitat de Barcelona

1992-2002

Scientific bachelor's degree, Primary and Secondary Education.

Complex Cultural i Esportiu Montessori-Palau (Girona)

Others

2012-2013

Professional Coaching

Coach: Joana Frigolé (ACC certified by the International Coach Federation)

June 2011

First Cold Gas Spray Summer School

Organized by Thermal Spray Center (CPT-UB) and ETSA.

PERSONAL SKILLS AND COMPETENCES

Mother tongue
Other languages

Catalan

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
Spanish	C2	C2	C2	C2	C2
English	C1	C1	C1	C1	C1
French	A2	A2	A2	A2	A2

- Cambridge Exam PET: year 1998
- Cambridge Exam First Certificate: year 2001, passed with merits.
- Delf A1: year 1999
- Delf A2: year 2000

Social skills and competences

High ability in communication.
Ability to work along with a team.
Ability to solve problems, to make decisions.
Good abilities for synthetic and global views over concrete situation

Organisational skills and competences

Ability to speak in public.
Good experience in project management and team coordination
Good time management skills

Technical skills and competences

Experience in doing presentations
Knowledge in precision machining, babbitt bearing, laser cladding and thermal spray techniques

Computer skills and competences

Good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™), Internet

Artistic skills and competences

Contemporary dance
Piano and musical studies
Pilates