

**FORMATO EUROPEO  
PER IL CURRICULUM  
VITAE**



**PERSONAL INFORMATION**

Name	Claudio Amorese
Address	Via Morelli, 5 70033 Corato (Ba) - Italy
Telephone	+39 393 1326178
Date of birth	21 Gennaio 1971
Email	claudio.amorese@claudioamorese.it
Nationality	italiana
Gender	male

**WORK EXPERIENCE**

- Dates From September 2006 to ...:
  - Name and address of employer **I.C.M.E.A. S.R.L. – CORATO (BA) – ITALY**
  - Type of business sector Energy, Mechanical Engineering, R&D
  - Main Activities and Responsibilities **Chief Executive Officer:** responsabile of communication, decision making, leading, and managing of the company.
  
- Dates From November 2009 to november 2011
  - Name and address of employer Adriatica Industriale S.r.l. – Corato (Ba) - Italy
  - Type of business sector Tooling Machinery
  - Main Activities and Responsibilities Technical Management of the Research Project “Innovative Diode Pumped Solid State Laser source with high efficiency and low environmental impact for metal cutting” co funded by Regione Puglia.
  
- Dates From January 2003 to May 2006
  - Name and address of employer **CENTRO RICERCHE FIAT – ORBASSANO (TO) – ITALIA**
  - Type of business sector R&D
  - Main Activities and Responsibilities **Responsible for testing of alternative internal combustion engine fuel injection systems**  
Activities:  
- management of a team of colleagues, technicians e stagists with the aim of matching the target of performance, reliability required within the time scheduled.  
- research project management;
  
- Date (da – a) From September 2000 to December 2002
  - Name and address of employer **CENTRO RICERCHE FIAT – ORBASSANO (TO) – ITALIA**
  - Type of business sector R&D
  - Main Activities and Responsibilities **Industrial Researcher in the field of alternative internal combustion engine fuel injection systems**  
Activities:  
- Test design;  
- Design review and improvement  
- Test reporting;  
- Fluid dynamic and structural numerical modeling.

**Publications of the last 3 years**

- U. Arena, F. Di Gregorio, C. Amorese, M.L. Mastellone, A Techno-Economic

Comparison Of Fluidized Bed Gasification Of Two Mixed Plastic Wastes, Waste management New York NY (2011), Volume: 31, Issue: 7, Publisher: Elsevier Ltd, Pages: 1494-1504

- C. Amorese, S.M. Camporeale, B. Fortunato, A. Saponaro, D. Sciacovelli (2010) Energy performances of Innovative gas turbine power plants fed by vegetable biomass for power generation in Mediterranean Countries, *SEEP Conference*, June 29<sup>th</sup> – July 2<sup>nd</sup> – Bari, Italy
- P. Lino, B. Maione, C. Amorese, “Modeling and Predictive Control of a New Injection System for Compressed Natural Gas Engines”, *Control Engineering Practice*, (ISSN: 0967-0661), Vol. 16, Issue 10, October 2008, pp.1216 – 1230.
- Lino, P., Maione, B., Amorese, C., De Matthaëis, S. (2006) Modeling and Predictive Control of a New Injection System for Compressed Natural Gas Engines. *Joint CCA, ISIC and CACSD 2006, October 4-6, 2006*. Munich, Germany

## EDUCATION AND TRAINING

- Dates Dec. 1997 – Dec. 2000
- Nome e tipo di istituto di istruzione o formazione **PHD STUDENTSHIP IN “MECHANICAL ENGINEERING”**, Politecnico di Bari - Italy  
*Thesis: advanced combustion systems for reduction of pollutant emission*  
July 1997
- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione **MECHANICAL ENGINEERING DEGREE , POLITECNICO DI BARI - ITALY**  
*Thesis: Design Optimisation of Heat Recovery Steam Generators*

## PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE **ITALIANO**

Other languages **English, French, Spanish and German**

## PATENTS

1	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=AT335127T&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=AT335127T&amp;DB=EPODOC</a>	Gaszufuhrsystem Für Eine Brennkraftmaschine Mit Einem Zum Ansaugkrümmer Verbundenen Druckminderventil
2	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=DE602004001428D&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=DE602004001428D&amp;DB=EPODOC</a>	A System For Controlling Filling Of A Motor-Vehicle Tank With LPG, And A Servo Valve Used Therein
3	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=AT332248T&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=AT332248T&amp;DB=EPODOC</a>	Servoventil Zum Betanken Eines Fahrzeugs Mit Lpg Und Betankungssystem Mit Einem Derartigen Ventil
4	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=DE602004000687D&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=DE602004000687D&amp;DB=EPODOC</a>	Fuel Injector Device For An Internal Combustion Engine
5	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=AT323829T&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=AT323829T&amp;DB=EPODOC</a>	Brennstoffeinspritzventil Für Eine Brennkraftmaschine
6	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=AU2005200794&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=AU2005200794&amp;DB=EPODOC</a>	Gas Feeding System For An Internal Combustion Engine, Having A Pressure Reducing Valve Connected To The Intake Manifold
7	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=CA2495765&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=CA2495765&amp;DB=EPODOC</a>	Gas Feeding System For An Internal Combustion Engine, Havingan Improved Pressure Reducing Valve

8	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=CA2495688&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=CA2495688&amp;DB=EPODOC</a>	Gas Feeding System For An Internal Combustion Engine, Havinga Pressure Reducing Valve Controlled By A Pilot Pressure
9	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=CA2495625&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=CA2495625&amp;DB=EPODOC</a>	Gas Feeding System For An Internal Combustion Engine, Havinga Pressure Reducing Valve And A Pressure Regulating Solenoid Valve
10	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=US2004188121&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=US2004188121&amp;DB=EPODOC</a>	Connector Member For Electrical Connections Through A Wall Of A Fuel Tank, Particularly For The LPG Fuel Tank Of A Motor Vehicle
11	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=US2004182452&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=US2004182452&amp;DB=EPODOC</a>	Tank For A System For Supplying Liquid Fuel, Particularly LPG, To The Engine Of A Motor Vehicle
12	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=US2004182152&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=US2004182152&amp;DB=EPODOC</a>	Level-Sensor Device For A Liquid-Fuel Tank, Particularly For A System For Supplying LPG To An Internal-Combustion Engine
13	<a href="http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=US2004149270&amp;DB=EPODOC">http://v3.espacenet.com/textdoc?CY=ep&amp;LG=en&amp;F=4&amp;IDX=US2004149270&amp;DB=EPODOC</a>	System And Method For Feeding LPG By Injection For An Internal Combustion Engine

Corato, 05/03/2012

Claudio Amorese