

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name	SIMONE COLOMBO
Address	VIA FARRA, 20, 24043 CARAVAGGIO, ITALY
Telephone	+39 339 2151040
Fax	+39 0363 52121
E-mail	simone.colombo@polimi.it , simone.colombo@virthualis.com
Nationality	Italian
Date of birth	24/12/1971

WORK EXPERIENCE

- Dates (from – to) September 2010 onwards
- Name and address of employer VIRTHUALIS, Corso di Porta Romana, 63, 20122, Milan, Italy
- Type of business or sector Health, Safety, Environment (HSE) Engineering
- Occupation or position held President
- Main activities and responsibilities Business Vision Creation, Business Strategy Definition, Alliances
- Dates (from – to) October 2006 – November 2010
- Name and address of employer European Safety and Reliability Association (ESRA)
- Type of business or sector Industrial Safety
- Occupation or position held Chairman of the Technical Committee on Human Factors in Safety and Reliability
- Main activities and responsibilities Coordination activities of the Technical Committee on Human Factors in Safety and Reliability
- Dates (from – to) July 2006 – July 2008
- Name and address of employer Italian Association of Chemical Engineering (AIDIC)
- Type of business or sector National Association
- Occupation or position held Member of the Executive Board
- Main activities and responsibilities Establish link between the AIDIC association and the European Technology Platform on Industrial Safety (ETPIS) as well as with the National Technology Platform on Industrial Safety (PTISI)
- Dates (from – to) May 2005 – May 2010
- Name and address of employer VIRTHUALIS Consortium, Piazza Leonardo da Vinci, 32, 20133, Milan, Italy
- Type of business or sector European Consortium, Industrial Safety
- Occupation or position held Project Manager and Safety Expert
- Main activities and responsibilities Conceived, created and managed the project as well as the relationship with the European Commission, Total Partners 50 (from 17 European Countries), Total Budget 15M€, Budget Managed 15M€
- Dates (from – to) May 2005 onwards
- Name and address of employer POLITECNICO DI MILANO, Piazza Leonardo da Vinci, 32, 20133, Milan, Italy
- Type of business or sector High Education – University

- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

European Consortium

Manager and Safety Expert, Industrial Safety

Conceived and created a European project that merged with another project to give birth to the PRISM project under which the role covered has been that of managing the subproject n. 7. The Work Package n. 7 was focused on the use of Virtual Reality for improving safety. The work done here has been the basis for the creation of the VIRTUALIS project.

- Dates (from – to)

October 1999 – October 2000

- Name and address of employer

National Research Council – National Group of Defense for Chemical, Industrial and Ecological Risks (GNDRICIE), c/o Istituto di Ricerche sulla Combustione Piazzale Vincenzo Tecchio, 80, 80125, Napoli, Italy

- Type of business or sector
- Occupation or position held

Public Sector

Researcher

- Main activities and responsibilities

The work focused on development of mathematical models for emergency release (blow-down systems) of high-pressure vessels.

EDUCATION AND TRAINING

- Dates (from – to)

May 2001 – May 2004

- Name and type of organisation providing education and training

POLITECNICO DI MILANO, Piazza Leonardo da Vinci, 32, 20133, Milan, Italy

- Title of qualification awarded

PhD

- Principal subjects/occupational skills covered

Thesis title: "Human Factors & Virtual Reality: Incorporating HF into PSA and Exploiting Virtual Reality for Supporting the Human Failure Probabilities". The work is a contribution to solve, in engineering terms, the age-old issue of integrating human factors in safety to enable, on the one hand, safety analysts to better assess the safety level and, on the other hand, decision-makers to make their decisions on the basis of a more realistic picture of the safety level.

- Dates (from – to)

September 1999 – September 2000

- Name and type of organisation providing education and training

Aberdeen University, King's College, AB24 3FX, Aberdeen, United Kingdom

- Title of qualification awarded

MSc in Safety Engineering

- Dates (from – to)

September 1993 – September 1999

- Name and type of organisation providing education and training

POLITECNICO DI MILANO, Piazza Leonardo da Vinci, 32, 20133, Milan, Italy

- Title of qualification awarded

Master Degree in Chemical Engineering

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

([Common European Framework of Reference for Languages](#))

- Understanding skills

LISTENING
C1

READING
C1

- Speaking skills

SPOKEN INTERACTION
C1

SPOKEN PRODUCTION
C1

- Writing skills

WRITING
C1

FRENCH													
<ul style="list-style-type: none"> • Understanding skills • Speaking skills • Writing skills 	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">LISTENING</th> <th style="width: 50%; text-align: center;">READING</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A2</td> <td style="text-align: center;">A2</td> </tr> <tr> <td style="text-align: center;">SPOKEN INTERACTION</td> <td style="text-align: center;">SPOKEN PRODUCTION</td> </tr> <tr> <td style="text-align: center;">A2</td> <td style="text-align: center;">A2</td> </tr> <tr> <td style="text-align: center;">WRITING</td> <td></td> </tr> <tr> <td style="text-align: center;">A2</td> <td></td> </tr> </tbody> </table>	LISTENING	READING	A2	A2	SPOKEN INTERACTION	SPOKEN PRODUCTION	A2	A2	WRITING		A2	
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WRITING													
A2													
<p>SOCIAL SKILLS AND COMPETENCES</p>	<p>Team work: experience at working in various types of teams from research to industrial teams</p> <p>Mediating skills: experienced at working on large, virtual European association covering managerial roles that require marked mediating and communication skills</p> <p>Intercultural skills: experienced at working in a European dimension in multicultural and interdisciplinary working groups</p>												
<p>ORGANISATIONAL SKILLS AND COMPETENCES</p>	<p>In all my professional experience I've always been promoter and organiser of initiative and events. In particular:</p> <ul style="list-style-type: none"> • I've conceived, created and managed the European PRISM – WP7 subproject • I've contributed to conceive, create and manage the European TRENDS project • I've conceived, created and managed the European VIRTUALIS project • I've contributed to the creation of the European Technology Platform on Industrial Safety • I'm a co-founder of the VIRTUALIS company 												
<p>TECHNICAL SKILLS AND COMPETENCES</p>	<p>I have competencies in safety engineering, safety management, and artificial logic applied to safety-based decision-making with particular focus on complex systems.</p> <p>Windows and Mac user of programs:</p> <ul style="list-style-type: none"> • Project management tools (Project and Merlin) • Basic programming skills in Fortran • Word processors (Word and Pages), • Spreadsheets (Excel and Numbers), • Presentation (Power Point and Keynote) 												
<p>DRIVING LICENCE(S)</p>	<p>Car and Motorbike</p>												