

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name

**Miani Stefano**

Address

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Fax

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NATIONALITY

**Italian**

Date of birth

08 JANUARY 1961

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

*2017-present*

**Independent Advisor**

*Steel Meltshop Technologies*

**Senior Advisor**

*Meltshop Technology, Process and Engineering Advisor*

- Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

*2014-2017*

**Inteco Srl - Udine**

*Steel plant engineering and manufacturing*

**Melting technologies product manager manager**

*Process, Technology and Engineering , EAF Product Manager, Technical Sales for Meltshops*

- Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

*2013-2014*

**Independent Advisor**

*Steel plant engineering and manufacturing*

**Consultant for CCM and II Metallurgy process and Meltshop Technologies**

*Process and Technology advisor (e.g. CCM and secondary metallurgy for Grupo Sarralle)*

- Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

*2008- 2013*

**SMS Concast Italia spa - Udine**

*Steel plant engineering and manufacturing*

**Head of Technical and R&D Meltshop Department**

*Head of Technical, R&D and Process department*

- Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

*1994-2008*

**SMS Concast Italia srl - Udine**

*Steel plant engineering and manufacturing*

**Technology advisor ; head of Process and R&D Meltshop department**

*Technology for continuous casting*

*Process and technology engineer, math models for EAF and secondary metallurgy*

*R&D manager for steelmaking equipment and applications (EAF, LF, VD, FTP)*

- Dates (from – to) 1993 - present
- Name and address of employer Ministry of public education  
Udine  
Secondary School  
teacher  
*Teacher in automotive ; mechanics and HVAC*
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities
- Dates (from – to) 1992 -1994
- Name and address of employer Astrel Spa – Mossa (GO)  
Consumer customized electronics  
Advisor as sales&marketing director  
*Marketing and sales director*
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities
- Dates (from – to) 1991 - 1992
- Name and address of employer Asem Spa – Buia (UD)  
Industry for PC production and custom electronics  
Executive Sales manager  
*Product manager and Sales manager*
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities
- Dates (from – to) 1988-1991
- Name and address of employer Abax snc - Udine  
Sales agency  
Partner and director  
*Agency for industrial automation products for Nord East Italy, Hungary and ex Yugoslavia  
Subsupplier for electrical pulpits and boards*
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities
- Dates (from – to) 1987-1988
- Name and address of employer Danieli Spa – Buttrio (UD)  
Steel plant engineering and manufacturing  
Employee  
*Technician for layout planning; Continuous casting technology engineer  
Sales technical support (far east area)*
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities
- Dates (from – to) 1986
- Name and address of employer Aermacchi Spa - Varese  
Aviation industry  
Trainee  
*Internal logistics*
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

## EDUCATION AND TRAINING

- Dates (from – to) 1975-1980
- Name and type of organisation Liceo classico Paolo Diacono
- Principal subjects/occupational skills covered Classical studies
- Title of qualification awarded School leaving certificate
- Level in national classification 50/60
- (if appropriate)

- Dates (from – to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
  - Title of qualification awarded
- Level in national classification (if appropriate)

## PERSONAL SKILLS AND COMPETENCES

*Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.*

### MOTHER TONGUE

### OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

- Reading skills
- Writing skills
- Verbal skills

- Reading skills
- Writing skills
- Verbal skills

## SOCIAL SKILLS AND COMPETENCES

*Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.*

## ORGANISATIONAL SKILLS AND COMPETENCES

*Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.*

## TECHNICAL SKILLS AND COMPETENCES

*With computers, specific kinds of equipment, machinery, etc.*

1981-1986

Università degli studi di Udine

Graduated in "Engineering of industrial technologies"  
Mechanics, Thermodynamic, Management Techniques  
degree  
105/110

### ITALIAN AND FURLAN

[ english ]  
[ excellent. ]  
[ good ++ ]  
[ good ++]

[ french ]  
[ basic ]  
[ - . ]  
[ - . ]

[ spanish ]  
[ basic ]  
[ - . ]  
[ basic. ]

FROM THE VERY BEGINNING I AM WORKING IN A TEAM WORKING BASED ORGANIZATIONS GENERALLY IN A MULTILANGUAGE AND MULTICULTURAL ENVIRONMENT

THE TEACHER JOB IS A GOOD EXPERIENCE TO MEASURE THE RIGHT AND THE WRONG METHODS TO APPROACH DIFFERENT PEOPLE CHARACTERS

IN SPORTS ICYCLING AS ATHLET, COACH AND TRAINER, PRESIDENT OF A CLUB .  
[ Describe these competences and indicate where they were acquired. ]

I HAVE BEEN EMPLOYED IN SEVERAL ROLES OF COORDINATION AND RESPONSIBILITY WITHIN A STRUCTURE, IN TECHNICAL, R&D AND IN SALES ACTIVITIES  
SMALL EXPERIENCE AS ENTREPRENEUR  
FOR 5 YEARS MANAGER OF DEPARTMENT WITH 58 PERSONS

[ Describe these competences and indicate where they were acquired. ]

CONTRACT PROFESSOR AT UDINE UNIVERSITY FOR METALLURGICAL COURSES  
QUALIFICATION IN TEACHING MECHANICS AND MATHEMATICS  
QUALIFICATION TO PROFESSIONAL ASSOCIATION OF ENGINEERING  
GOOD KNOWLEDGE OF IT, PROGRAMMING LANGUAGES, MATH MODELS, INFORMATION SYSTEMS  
LONG EXPERIENCE IN AUTOMATION CONCEPTS AND SYSTEMS  
72 INTERNATIONAL PUBLICATIONS FOR STEELMAKING TOPICS

INVENTOR OF 13 INTERNATIONAL PATENTS FOR EAF AND FTP SOLUTIONS (FOR SMS GROUP)

[ Describe these competences and indicate where they were acquired. ]

ARTISTIC SKILLS  
AND COMPETENCES  
*Music, writing, design, etc.*

GOOD LISTENER OF MUSIC

[ Describe these competences and indicate where they were acquired. ]

OTHER SKILLS  
AND COMPETENCES  
*Competences not mentioned above.*

IN MY SPORT PASSION I HAVE BEEN COACH OF AN ATHLET PARTICIPATING TO THE OLIMPICS GAMES IN BARCELONA 1992 AND BRONZE MEDAL AT THE MTB WORLDCHAMPIONSHIP 1996 IN AUSTRALIA  
Describe these competences and indicate where they were acquired. ]

DRIVING LICENCE(S)

yes

## ADDITIONAL INFORMATION

MARRIED WITH TWO SONS OF 26 AND 22 YEARS OLD

[ Include here any other information that may be relevant, for example contact persons, references, etc. ]

## ANNEXES

### PUBLICATION LIST

n°	year	title	editor
1	1986	progettazione di pompe centrifughe con piccoli sistemi cad	uniud
2	1990	nuova generazione di pc industriali	automazione oggi
3	1991	pc industriali nella automazione di macchina	automazione oggi
4	1994	data logger: il pollo elettronico	automazione integrata
5	1995	reti echelon distribuite: LON works e radiofrequenza	automazione integrata
6	1995	pc 104 a basso consumo	automazione oggi
7	2000	EAf concepts & performance of rebar and sbq plants	asiaSteel - Beijing
8	2001	controllo integrato dei sistemi di iniezione nei moderni forni elettrici ad arco	aim - seminario forni elettrici ad arco - Milano
9	2001	recents developments in eaf process and refining	seaisi - singapur
10	2002	The innovative aspects of the concast eaf installed in riva acciaio caronno	7 european steelmaking conference - Venice
11	2003	electric arc and foaming slag dynamic control system	7 european steelmaking conference - Venice
12	2002	innovation in the total eaf process route	steel times - May
13	2004	Electric Steelmaking: The Quality and Productivity Race	concast 50
14	2004	PROCESS CONTROL STRATEGIES AND IMPLEMENTATION FOR THE 175 T EAF AT ICDAS, TURKEY	aim riva garda
15	2005	single charge EAF at nucor jewett, texas	steeltimes
16	2005	real time PROCESS CONTROL STRATEGIES with concast integrated process director	iom3 - Birmingham
17	2005	single charge EAF at nucor jewett, texas	iom3 - Birmingham
18	2006	Ultra High Chemical Power Eaf	AISTech 2006 - Cleveland
19	2006	Ultra High Chemical Power Eaf	steel times - september
20	2007	New giant generation EAF	AISTech 2007 - Indianapolis
21	2007	Integrated process director: a real time integration between eaf fumes and injection. Case study	AISTech 2007 - Indianapolis
22	2007	EAF PRODUCTIVITY GREATER THAN 40 HEATS PER DAY	IAS Rosario Argentina
23	2007	Ultra High Chemical Power EAF for 320 t/h	ATS Paris
24	2008	A faster more efficient eaf	aistech 2008
25	2008	THE HOT METAL MEETS THE ELECTRIC ARC FURNACE STEELMAKING ROUTE	eec 2007
26	2009	THE HOT METAL MEETS THE ELECTRIC ARC FURNACE STEELMAKING ROUTE	archive of metallurgy and materials
27	2008	A faster more efficient eaf	eec 2008
28	2008	Ultra High Chemical Power electric arc furnace for 320 t/h	stahl und eisen
29	2008	Ultra High Chemical Power EAF for 320 t/h	Revue de metallurgie
30	2009	Start-Up of the Concast UHCP EAF for 320 th	aistech 2009 - st. louis
31	2009	SINGLE EAF AND SINGLE BILLET CASTER FOR 320 T/H PRODUCTIVITY	AIM - Milano
32	2009	SINGLE EAF AND SINGLE BILLET CASTER FOR 320 T/H PRODUCTIVITY	seaisi - singapur
33	2010	Steel Degassing Operations Using Mechanical Vacuum Pump Systems	AISTECH 2010 - Pittsburgh USA
34	2011	ENHANCED SLAG DOOR FOR ELECTRIC ARC FURNACE	AISTECH 2011 - Pittsburgh USA
35	2011	DECARBURIZATION EFFICIENCY IN EAF WITH HOT METAL CHARGE	AISTECH 2011 - Pittsburgh USA
36	2011	Steel Degassing Operations Using Mechanical Vacuum Pump Systems	iron & steel technology - july 2011
37	2012	Decarburization Efficiency in EAF With Hot Metal Charge	iron & steel technology - feb 2012
38	2012	Focus on Vacuum Steel Refining	AISTECH 2012
39	2012	Concast Frustum Canopy Hood	AISTECH 2012
40	2012	Enhanced Slag Door for Electric Arc Furnace	Seaisi 2012
41	2012	INCREASED RELIABILITY OF EAF INJECTION SYSTEMS	EEC 2012 - Graz
42	2012	LATEST MINIMILL EXPERIENCES – FOCUS ON APPLICATION AND PERFORMANCE	EEC 2012 - Graz
43	2012	ENHANCED SLAG DOOR FOR ELECTRIC ARC FURNACE (ESD)	EEC 2012 - Graz
44	2013	LATEST MINIMILL EXPERIENCES – FOCUS ON PERFORMANCE	AISTECH 2013
45	2013	SAFE AND PRODUCTIVE ELECTRIC ARC FURNACE	AISTECH 2013
46	2014	SAFE AND PRODUCTIVE ELECTRIC ARC FURNACE	i&s GEN 2014
47	2014	Optimization of the EAF Injection Systems	AISTECH 2014
48	2014	Experience With A Revamped VD-VOD System With Dry Mechanical Pumps	AISTECH 2014
49	2014	Considerations on EAF Injection Systems	19th mexican steel forum
50	2015	The Energy Recovery And the Raw Material Flexibility Are the Keys for the Design of a New EAF	ICS - Cina
51	2015	Hydrogen removal efficiency	AISTech 2015 - Atlanta
52	2015	Comparison of Temperature Measurement in Copper Elements in the EAF v2 - jwb	AISTech 2015 - Atlanta
53	2016	Increased efficiency of the EAF with telescopic roof closure	EEC 2016 - Venice
54	2016	Application of EAF wall-mounted combined injectors for high alloy steel production	EEC 2016 - Venice
55	2016	INTECO Furnace Optimization Box A platform for ongoing process improvement in EAF operation	EEC 2016 - Venice
56	2016	Development prospects of the integrated scrap preheating systems: analysis and implementation	EEC 2016 - Venice
57	2016	Telescopic single bucket charge vs COSS scrap preheating system	Millennium steel
58	2016	Single bucket charging practice with telescopic EAF roof closure	MPT international - Oct
59	2017	EFFICIENCY OF THE EAF WITH TELESCOPE ROOF	aistech 2017
60	2017	Application of EAF Wall Injectors for High Alloy Steel Production	Aistech 2017
61	2017	Teleskobik EAO tavanlı tek kovalışarj uygulaması	MPT international - Oct 2017
62	2018	Application of EAF Wall Injectors for High-Alloy Steel Production	Iron & Steel Technology - jan 2018
63	2018	Contactless mold thermal mapping at meniscus through an innovative ultrasonic sensor	ICS Venezia- jun 2018
64	2019	Breakout Prevention for Billets and Blooms through Contactless Mould Thermal Mapping: A New Tool for Metallurgists, Quality Control an	Metec Dusseldorf - jun 2019
65	2019	Real-time and Contactless Mould Thermal Monitoring: Improving Metallurgy, Quality and Productivity of Billets and Blooms	ESSC Vienna - sep 2019
66	2019	AN INNOVATIVE ULTRASONIC SYSTEM FOR STEEL LEVEL CONTROL	EFRS Izmir - sep 2019
67	2019	Real-time and Contactless Mould Thermal Monitoring: Improving Metallurgy, Quality and Productivity of Billets and Blooms	Springer BHM
68	2020	Contactless Mold Thermal Mapping: A New Tool for Metallurgists, Quality Control and Productivity Improvement	aistech
69	2021	Recent Improvements in Real-Time Thermal Mapping of Copper Mould with Ergolines' Ultrasonic Sensor.	estad Stockholm
70	2021	THE MOLD TEMPERATURE MAPPING WITH ULTRASONIC CONTACTLESS TECHNOLOGY IS THE KEY FOR THE REAL TIME INITIAL	eccc Bari

Publications updated Ago 2021