

Relevant Publications

R&D

Number	Authors	Title	Journal/Year
1	P. Andreussi, L.N. Persen	<i>Stratified Gas-Liquid Flow in Downwardly Inclined Pipes</i>	Int. J. Multiphase Flow, 13, 565, 1987
2	P. Andreussi, K. Bendiksen	<i>An Investigation of Void Fraction in Liquid Slugs for Horizontal and Inclined Gas-Liquid Pipe Flow</i>	Int. J. Multiphase Flow, 15, 937, 1989
3	P. Andreussi, A. Minervini, G. Nardini, A. Paglianti	<i>Design of Two-Phase Flow Lines for Geothermal Applications: The Slug Flow Regime</i>	European Geothermal Update, Kluwer Academic Publishers, Dordrecht, 1989
4	O.J. Nydal, P. Andreussi	<i>Gas Entrainment in a Long Liquid Slug Advancing in a Near-Horizontal Pipe</i>	Int. J. Multiphase Flow, 17, 179-189, 1991
5	P. Giovine, A. Minervini, P. Andreussi	<i>Stability of Liquid Flow down an Inclined Tube</i>	Int. J. Multiphase Flow, 17, 485-496, 1991
6	W. Ambrosini, P. Andreussi, B.J. Azzopardi	<i>A Physically Based Correlation for Drop Sizes in Vertical Annular Flow</i>	Int. J. Multiphase Flow, 17, 497-507, 1991
7	P. Andreussi, S. Pintus, O.J. Nydal, F. Sanchez Silva	<i>Measurement of the Mean Gas Velocity in Horizontal Bubbly Flow</i>	Phase-Interface Phenomena in Multiphase Flow Edited by G.F.Hewitt, F.Mayingier and J.R.Riznic, Hemisphere, New York, 1991
8	F. Pacini, A. Paglianti, P. Andreussi	<i>A Necessary Condition for the Onset of Slug Flow in Near-Horizontal Pipes</i>	Multiphase Production, Edited by A.P. Burns, Elsevier, London 1991
9	O.J. Nydal, S. Pintus, P. Andreussi	<i>Statistical Characterization of Slug Flow</i>	Int. J. Multiphase Flow, 18, 439-453, 1992
10	A. Paglianti, G. Trotta, P. Andreussi, O.J. Nydal	<i>The Effect of Fluid Properties and Geometry on Void Distribution in Slug Flow</i>	Multiphase Production, Edited by A. Wilson, MEP London, 1993
11	P. Andreussi, A. Minervini, A. Paglianti	<i>A Mechanistic Model of Slug Flow in Near-Horizontal Pipes</i>	AIChE Journal, 39, 1281-1291, 1993
12	P. Andreussi, S. Pintus, O.J. Nydal	<i>Slug Detection System for Two-Phase Flowlines</i>	3rd International Offshore and Polar Engineering Conference, Singapore,

			June, 1993
13	O.J. Nydal, P.Andreussi	<i>Gas Entrainment in Liquid Slugs</i>	3rd International Offshore and Polar Engineering Conference, Singapore, June, 1993
14	P.Andreussi, A.Minervini, A.Paglianti, F.Sabatelli	<i>Two-Phase Flow of Brine in Long Pipelines: Analysis of Field Experiments</i>	Geothermics, 23, 33-41, 1994
15	A.Paglianti, P.Andreussi	<i>Use of Diffusional Techniques in Two Phase Gas-Liquid Flow</i>	Chaos and Fractals in Chemical Engineering, Eds. G. Biardi, M. Giona, e A.R. Giona, World Sci., Singapore, 105-122, 1995
16	M Bonuccelli, A Mazzoni, P.Andreussi	<i>Analysis of Input Data Error Propagation in Gas-Liquid Flow Models</i>	Multiphase Production Technology, Edited by A. P. Hunt, BHR, Cranfield, 1995
17	A. Mazzoni, M. Bonuccelli, S.Belsito, I. Brandt	<i>Evaluation of OLGA and WOLGA Multiphase Computer Codes Capability to Simulate Three Phase Flow Transients Performed in the Trecate Test Loop</i>	Multiphase Flow in Industrial Plants AIDIC, Amalfi, 1996
18	A.Soldati, P.Andreussi	<i>The Influence of Coalescence on Droplet Transfer in Vertical Annular Flow</i>	Chem. Engng. Sci.,51, 353-363
19	S. Belsito, P. Lombardi, P. Andreussi, S. Banerjee	<i>Leak Detection in Liquefied Gas Pipelines by Artificial Neural Network</i>	AIChE J, 44, 12, 1998
20	P. Andreussi, M. Bonuccelli, G. Morale, P. Blotto	<i>A Simplified Analysis of Well Blow-Outs</i>	Multiphase 03, Edited by P Fairhurst, BHR, Cranfield, 2003
21	P. Andreussi, M. Bonuccelli, V. Faluomi, A. Ansiati, P. Blotto	<i>Analysis of Blow-out of oil wells</i>	Multiphase Production Edited by A P Burns, BHR, Cranfield, 2001
22	A. Soldati, P. Andreussi, S. Banerjee	<i>Direct Simulation of Turbulent Particle Transport in Electrostatic Fields</i>	Reply. AIChE J., 41, 739-740, 1995
23	A. Paglianti, P. Andreussi, A. Barelli	<i>The Reinjection of Non Condensable Gases in Geothermal Fields</i>	Proc. World Geothermal Congress, Firenze, 1995
24	P. Andreussi, A. Paglianti, A. Pasqualetti	<i>Design of an Absorption Column for Steam Washing</i>	Proc. World Geothermal Congress,

			Firenze, 1995
25	A. Soldati, P. Andreussi, S. Banerjee	<i>Direct Numerical Simulation of the Interactions between Electrohydrodynamic Flows and Boundary-Layer Turbulence</i>	Bull Am. Phys. Soc., 40, 1959, 1995
26	A. Soldati, P. Andreussi, S. Banerjee	<i>Direct Numerical Simulation of Turbulent Dispersion under Steady Drift</i>	Chaos and Fractals in Chemical Engineering, Eds. G. Biardi, M. Giona, e A.R. Giona, World Sci.,Singapore, 105-122, 1995
27	A. Soldati, M. Casal, P. Andreussi, S. Banerjee	<i>Lagrangian Simulation of Turbulent Particle Dispersion in Electrostatic Precipitators</i>	AIChE J.,3, 1403-1413, 1997
28	L. Marini, M. Guidi, P. Andreussi, R. Corsi	<i>The Computation of Dew Point and Liquid Composition of Geothermal Steam</i>	Geothermics, 23, 233- 255, 1994
29	P. Andreussi, A.Paglianti, A.Pasqualetti	<i>Design of an Absorption Column for Steam Washing</i>	Proc. World Geothermal Congress, Firenze, 1995
30	A.Trovarelli, F. Felluga, C.De Lietenburg, P. Andreussi, G. Dolcetti	<i>Removal of Hydrogen Sulfide from Geothermal Fluids by Catalytic Oxidation over Activated Carbon</i>	Environmental Catalysis, G. Centi et al. Eds, SCI, Roma, p. 667, 1995
31	A.Primavera, A.Trovarelli, P.Andreussi, G.Dolcetti	<i>The Effect of Water in the Low-Temperature Catalytic Oxidation of Hydrogen Sulfide to Sulfur over Activated Carbon</i>	Applied Catalysis A,General, 185-192, 1998
32	M.Graziadio, P.Andreussi, L.Tognotti, S.Zanelli	<i>Atomization of Coal-Water Fuels by a Pneumatic Nozzle. Part 1: Two-Phase Flow Inside the Nozzle</i>	Atomization and Spray Technology, 3, 187, 1987
33	G.De Michele, M.Graziadio, P.Andreussi, L.Tognotti	<i>Design and Characterization of Large Scale CWF Atomizers</i>	Proc. 12th Int. Conference on Slurry Technology,New Orleans, 1987
34	P.Andreussi, A.Giacomelli,L.Tognotti, G.De Michele, M.Graziadio, F.Morelli	<i>Characterization of a Pneumatic Nozzle</i>	Proc. 4th Int. Conf. Liquid Atomization and Spray Systems,Sendai, (Japan), 1988
35	G.De Michele, M.Graziadio, L.Sbrana, P.Andreussi and L.Tognotti	<i>Design and Development of ENEL Atomizers for Coal-Water Slurries</i>	Proc. Conf. on Spray Combustion,Rouen, 1988
36	G.De Michele,	<i>Sviluppo di Atomizzatori per</i>	Proc. Conf. on Spray

	M.Graziadio, F.Morelli, P.Andreussi, L.Tognotti	<i>l'Abbattimento di SO2 in Camera Spray</i>	Combustion,Rouen, 1988
37	P.Andreussi, L.Tognotti, M.Graziadio, G.De Michele	<i>Atomization of Coal-Water Fuels by a Pneumatic Nozzle. Characteristics of the Spray</i>	Aerosol Science and Technology,13, 35, 1990
38	P.Andreussi, M.Graziadio, G.Novelli, L.Tognotti	<i>Spray Characterization of Y-Jet Nozzles</i>	Proc. 6th ILASS Europe,Pisa, 1990
39	P.Andreussi, G.De Michele, M.Graziadio, L.Tognotti	<i>Design and Characterization of Twin-Fluid Y-Jet Atomizers</i>	Atomization and Sprays,2, 45-59, 1992
40	A.Soldati, P.Andreussi, S.Banerjee	<i>Direct Simulation of Turbulent Particle Transport in Electrostatic Precipitators</i>	AIChE Journal, 39, 1910- 1919, 1993
41	P.Andreussi, M.Graziadio, G.Novelli, A.Pasqualetti, L.Tognotti	<i>Measurement of Liquid Film Thickness within a Y-jet Atomizer</i>	Proceeding of 6th Int. Conference on Liquid Atomization and Spray Systems, Begell House, New York, 1994

Mast

Number	Authors	Title	Journal/Year
1	P. Andreussi, A. Vignali, E. Dellarole, S. Celestino, D. Azzarone	<i>Slug Generation and Suppression in Pipelines</i>	Multiphase Production Technology, Edited by A. P. Hunt, BHR,Cranfield, 2007
2	P. Andreussi, M. Bonizzi, A. Di Lullo, M. Margarone, A. Scotti, S. Taddei	<i>Advanced simulation of gas-liquid pipelines</i>	Multiphase Production Technology, Edited by G. Gregory, BHR,Cranfield, 2008
3	M. Bonizzi, P. Andreussi, S. Banerjee	<i>Flow regime independent high resolution multi-field modelling of near-horizontal gas-liquid flows in pipelines</i>	Int. J. of Multiphase Flows, 35, 34-46, 1 2009
4	U. Kadri, R.F. Mudde, R.V.A. Oliemans, M.	<i>Prediction of the Transition from Stratified to Slug Flow or Roll-Waves in Gas-Liquid</i>	Int. J. Multiphase Flow, 35, 1001-

	Bonizzi, P. Andreussi	<i>Horizontal Pipes</i>	1010, 2009
5	P. Andreussi, M. Bonizzi, A. Vignali	<i>Motion of Elongated Gas Bubbles over a Horizontal Liquid Layer</i>	Multiphase Production Technology, Edited by A.P. Hunt, 2009

Ejectors

Number	Authors	Title	Journal/Year
1	S. Sodini, V. Faluomi, M. Bonuccelli, F. Paone	<i>Coupling Multiphase Ejector and Well Performances: Modeling, Validation and Case Design</i>	Offshore Mediterranean Conference and Exhibition, Ravenna, Italy, March 28-30, 2001
2	S. Sodini, V. Faluomi, P. Ciandri, A. Ansiati, P. Andreussi, C. Battaia, F. Paone	<i>Design, Testing and Field Results of a Multiphase Ejector</i>	Offshore Mediterranean Conference and Exhibition, Ravenna, Italy, March 26-28, 2003
3	P. Andreussi, S. Sodini, V. Faluomi, P. Ciandri, A. Ansiati, F. Paone	<i>Multiphase Ejector to Boost Production: First Application in the Gulf of Mexico</i>	2003 Offshore Technology Conference, Houston, Texas, 5-8 May 2003
4	P. Andreussi, A. Ansiati, V. Faluomi, S. Senna, S. Sodini, E. Dellarole, C. Battaia, P. Guaita	<i>Application of MJPs in Oil&Gas Fields</i>	SPE Annual Technical Conference and Exhibition, Houston, Texas, 26-29 September 2004
5	P. Andreussi, A. Ansiati, S. Senna, C. Battaia, L. Di Berardo, D. Zamuner	<i>Effect of Geometrical Parameters On the Performance of a Multiphase Ejector</i>	Offshore Mediterranean Conference and Exhibition, Ravenna, Italy, March 28-30, 2007

Separators

Number	Authors	Title	Journal/Year
1	P. Andreussi, G. Sandroni, A. Minervini, V. Battarra, O. Mariani, H. Nicolai	<i>Countercurrent Gas-Liquid Flow in Inclined Pipes</i>	Multiphase Flow, BHR, Cranfield, 1987

2	L.G. Ciccarelli, A. Ansiati U. Spinelli	<i>Efficiency determination of Separation of Solid Particles in a Gaseous Stream</i>	Offshore Mediterranean Conference and Exhibition, Ravenna, Italy, March 25-27, 2009
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Flow Assurance

Number	Authors	Title	Journal/Year
1	A. Mazzoni, M. Bonuccelli, G. Aprile	<i>OLGA and WOLGA Dynamic Codes Validation With Trecate Test Loop Three Phase Transient Data</i>	Multiphase '97, Edited by A. P. Burns, BHR, Cranfield, 1997
2	P. Andreussi, A. Paglianti, F. Sanchez Silva	<i>Dispersed Bubble Flow in Horizontal Pipes</i>	Chem. Eng. Sci., 54, 1101-1107, 1999
3	G. Aprile, M. Bonuccelli, G. De Ghetto, W. Ghiselli, M. Granato	<i>Guidelines for Design Deep Water Multiphase Transportation Systems</i>	Offshore Mediterranean Conference and Exhibition, Ravenna, Italy, 1999
4	M. Granato, P. Broccia, G. Aprile; M. Bonuccelli	<i>Aquila: Transient Data Collection and Computer Code Qualification</i>	Offshore Mediterranean Conference and Exhibition, Ravenna, Italy, March 28-30, 2001
5	V. Faluomi, M. Bonuccelli, C. Monti, N. De Simone	<i>ABO Field: Flow Assurance and Operability Strategies Needed in Deepwater Developments</i>	Offshore Mediterranean Conference and Exhibition, Ravenna, Italy, March 26-28, 2003
6	M. Bonuccelli, V. Faluomi, C. Carniani	<i>Flow Maps Development for Wax Deposition Monitoring</i>	Multiphase 03, Edited by P. Fairhurst, BHR, Cranfield, 2003
7	M. Bonuccelli, V. Faluomi, A. Ansiati, A. Bousbia Salah, P. Blotto	<i>Modelling Annular Flow at High Gas Velocities for Well Blow-Out Analysis</i>	3rd International Symposium on Two-Phase Flow Modelling and Experimentation,

			Pisa, 22-24 September 2004
8	V. Faluomi, M. Bonuccelli, A. Bousbia Salah	<i>Simplified Transient Multiphas Model for Oil Field Development Analysis</i>	3rd International Symposium on Two-Phase Flow Modelling and Experimentation, Pisa, 22-24 September 2004
9	V. Faluomi, M. Bonuccelli, E. Dellarole, S. Sodini , C. Carniani, C. Monti	<i>Flow Assurance and System Operability: Integration of Flow Modelling Into Field Management Procedures</i>	Offshore Mediterranean Conference and Exhibition,Ravenna, Italy, March 16-18, 2005
10	V. Faluomi, M. Bonuccelli, C. Carniani	<i>Wax Deposition Monitoring Tool for Wax Deposition Mitigation and Management</i>	Offshore Mediterranean Conference and Exhibition,Ravenna, Italy, March 28-30, 2007
11	V. Faluomi, P. Arcipreti, S. Sodini, M. Bonuccelli	<i>Pipeline Insulation Systems: State of Art and Design Methods</i>	Offshore Mediterranean Conference and Exhibition,Ravenna, Italy, March 28-30, 2007

Risk Analysis

Number	Authors	Title	Journal/Year
1	M. Bonuccelli, V. Faluomi, G. Santoro, P. Andreussi, P. Blotto, A. Guarneri, R.. Galinetto, F. Podenzani and others	<i>Analysis and simulation of the blowout phenomenon: an advanced tool for predicting emergencies</i>	1999 IADC Well Control Conference for Europe,Milan, 2-3 June 1999
2	N. Mancini, F. Podenzani, M. Bonuccelli, P. Andreussi, P. Blotto, R. Galinetto	<i>Simulation of Blowout Events: Integration of Different Modelling Approaches Within Industrial Risk Assessment and Management Tools</i>	ESCAPE10 : European Symposium on Computer Aided Process Engineering, Florence Italy May 7- 10, 2000
3	P. Blotto, P. Andreussi, M. Bonuccelli, R.	<i>An Integrated Methodology for the Evaluation of the Safety and Environmental Consequences of a Blow-</i>	SPE International Conference on Health, Safety, and

	Galinetto, F. Podenzani	<i>out</i>	the Environment in Oil and Gas Exploration and Production, Stavanger, Norway, 26–28 June 2000
4	P. Blotto, M. Andreassen, M. Zuvo, P. Andreussi, M. Bonuccelli, R. Galinetto, F. Podenzani	<i>Application of an Integrated Methodology for the Evaluation of the Safety and Environmental Impact Associated to a Possible Blow-Out Event in the North Sea</i>	Offshore Mediterranean Conference and Exhibition, Ravenna, Italy, March 28-30, 2001
5	P. Blotto, M. Bonuccelli, M. Falcitelli, A. Bennardo, N. Mancini, F. Podenzani	<i>Modelling of Unconfined High Speed Jet Flames</i>	VII International Conference on Energy for a Clean Environment 7-10 July 2003, Lisbon, Portugal
6	Ansiati, P. Andreussi, M. Bonuccelli, G. Morale, P. Blotto	<i>A Simplified Approach to Predict the Consequences of a Blow-Out Event</i>	Offshore Mediterranean Conference and Exhibition Ravenna, Italy, March 26-28, 2003
7	P. Blotto, M. Bonuccelli, M. Falcitelli, N. Mancini, F. Podenzani	<i>Modelling of Multiphase Unconfined High Speed Jet Flames</i>	3rd International Symposium on Two-Phase Flow Modelling and Experimentation, Pisa, 22-24 September 2004
8	P. Blotto, M. Bonuccelli, G. Morale, E. Dellarole, M. Falcitelli, F. Podenzani	<i>Development of a Integrated Approach to the Risk Analysis of a Blow-out Accident</i>	The Seventh SPE International Conference on Health, Safety, and Environment in Oil and Gas Exploration and Production, Calgary, Alberta, Canada, 29–31 March 2004
9	L. Borello, M. Bonuccelli, G. Morale	<i>A Methodology for the Risk Analysis of a Blow-out Event</i>	4th Mediterranean Offshore Conference & Exhibition, Alexandria, Egypt, 5, April, 2006

10	L. Borello, M. Bonuccelli, G. Morale	<i>The CFD Approach for the risk analysis of a blow-out event</i>	SPE Asia Pacific Health, Safety, Security and Environment Conference and Exhibition, Bangkok, Thailand, 10–12 September 2007
11	P. Blotto, L. Borello, R. P. Adell Colomer, F. Saviozzi, M. Fratini, M. Bonuccelli	<i>A Methodology for Optimum Location Assessment of Subsea Safety Isolation Systems</i>	5th Mediterranean Offshore Conference & Exhibition, Alexandria, Egypt, 20-22, May, 2008
12	L. Borello, M. Bonuccelli, G. Morale	<i>An Integrated Methodology for the Quantitative Risk Assessment of Blowout and Large Release Incidental Events</i>	Italian SPE Journal, March 2008
13	F. Saviozzi, G Morale, M Bonuccelli, L. Borello, L Scatagliani	<i>Far-field impact assessment of flaring scenarios: advanced modeling approach</i>	8° Journees Scientifiques et Techniques 18 to19 November 2008, Hilton Hotel, Algiers, Algeria

Well Engineering

Number	Authors	Title	Journal/Year
14	P. Blotto, M. Tambini, E. Dellarole, M. Bonuccelli	<i>Software Simulation and System Design of Dynamic Killing Technique</i>	the SPE Annual Technical Conference and Exhibition, Houston, Texas, U.S.A., 26–29 September 2004
15	E. Dellarole, M. Bonuccelli, D. Di Renzo	<i>Analysis of the erosion phenomena of downhole completion equipment</i>	OMC 2003, Ravenna, 26-28 March, 2003
16	E. Dellarole, M. Bonuccelli, L. Antico, V. Faluomi	<i>Virtual Metering and Flow Allocation: Models, Tools and Field Results</i>	Offshore Mediterranean Conference and Exhibition, Ravenna, Italy, March 16-18, 2005

17	V.Faluomi, E. Dellarole, M. Bonuccelli, L.Antico	<i>Virtual Metering System for Oil and Gas Fields Monitoring: Design, Implementation and Applications</i>	Multiphase Production Technology,2006
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Multiphase Flow Metering

Number	Authors	Title	Journal/Year
1	P.Andreussi, A.Di Donfrancesco, M.Messia	<i>An Impedance Method for the Measurement of Liquid Hold-up in Two-Phase Flow</i>	Int. J. Multiphase Flow,14, 777, 1988
2	P.Andreussi, P.Di Marco, F.Sanchez Silva,	<i>Total Mass Flowrate Measurement in Multiphase Flow by means of a Venturi Meter</i>	Multiphase Production, Edited by A.P. Burns, Elsevier,London 1991
3	P.Andreussi, P.Ciandri, C. Talarico, F.Giuliani, W.L.Loh, A.Mazzoni,	<i>Development of a Multiphase Flowmeter for Subsea Well Testing</i>	Multiphase Production, Edited by Wilson,MEP London, 1993
4	P. Andreussi, G. Campastro, P. Ciandri, C. Talarico, TEA, Mazzoni	<i>Field Test of the AT-2000 Multiphase Flowmeter. Final Results</i>	Multiphase '97, Edited by A P Burns, BHR,Cranfield, 1997
5	P. Andreussi, P. Ciandri, C. Talarico, TEA, A. Mazzoni, Agip	<i>Field Test of the AT-2000 Multiphase Flowmeter</i>	Offshore Mediterranean Conference, Ravenna, March 19-21, 1997
6	P. Andreussi, P.Ciandri, V.Faluomi	<i>Development of a Wet Gas Flowmeter</i>	2nd North American Conference Multiphase Technology, Edited by G. Gregory, BHR, Cranfield, 2000
7	P.Andreussi, P.Ciandri	<i>Development of a Wet Gas Flowmeter</i>	2001 Offshore Technology Conference, Houston, Texas, 30 April–3 May 2001
8	P.Andreussi, P. Ciandri, A. Ansiati,	<i>Application of Wet Gas Metering in the Gulf of Mexico</i>	2003 Offshore Technology

	S.Boschi, F.Paone		Conference,Houston, Texas, 5–8 May 2003
9	P.Andreussi, P. Ciandri, A. Ansiati, S.Boschi, F.Paone	<i>New Wet Gas Metering in the GOM</i>	Offshore Mediterranean Conference and Exhibition, Ravenna, Italy, March 26-28, 2003
10	P. Andreussi, P. Ciandri, S. Boschi, M. Bava, G. Tagliaferri	<i>Field Test of a Wet Gas Meter</i>	Offshore Mediterranean Conference and Exhibition, Ravenna 28-30 March, 2007
11	P. Andreussi, P. Ciandri, S. Boschi, G. Tagliaferri, M. Bava	<i>Application of a Wet Gas Meter to Detect Extremely Low Liquid Volume Fractions</i>	Multiphase Production Technology, Edited by A. P. Hunt, BHR, Cranfield, 2007

Environmental Studies

Number	Authors	Title	Journal/Year
1	V.De Angelis, P.Lombardi, P.Andreussi, S.Banerjee	<i>Microphysics of Scalar Transfer at Air-Water Interfaces</i>	Invited paper IMA Conference on Wind over Wave Couplings, Salford, 8-10 April, 1997, Oxford Un. Press
2	M. Campolo, A. Soldati, P. Andreussi	<i>Forecasting River Flow Rate During Low-Flow Periods Using Neural Network</i>	Water Resource Research, Vol. 35, N. 11, 3547-3552, 1999
3	M Campolo, A Soldati, P Andreussi	<i>River Flood Forecasting with a Neural Network Model</i>	Water Resources Research, 35, 1191-1197, 1999
4	P. Mogorovich, P. Andreussi, M. Nicolini, E. L. Rizzuti	<i>Simulazione dell'esonazione dell'Arno nella città di Pisa</i>	ASITA 1999
5	P. Andreussi, S. Bottaini, S. Giamberini, L. Tognotti	<i>Studio di Tecnologie Innovative per l'abbattimento delle emissioni in atmosfera di solventi organici sia idrosolubili che non idrosolubili</i>	rivista: Cuoio, Pelli, Materie Concianti, anno 75, n.2, Marzo-aprile 1999
6	Rossodivita, P. Andreussi	<i>Spray Production by Air Bubbles Bursting on a Water Surface</i>	Journal of

			Geophysical Research, 104, 30059-30066, 1999
7	M. Campolo, P. Andreussi, A. Soldati	<i>Possibili Procedure per la Gestione Ottimale delle Risorse Idriche del Bacino del Fiume Arno</i>	Ingegneria Ambientale, 30, 574-583
8	M. Campolo, P. Andreussi, A. Soldati	<i>Neural Network flow forecast for river real-time management at basin scale</i>	Terra. A, 5, 36-41, 2001
9	M. Campolo, P. Andreussi, A. Soldati	<i>Water Quality Control in the River Arno</i>	Water Research, 36, 2674-2681, 2001
10	M. Campolo, P. Andreussi, A. Soldati	<i>Flood Forecasting in the River Arno</i>	J. Hydrol. Sci., 48, 381-398, 2002
11	R. Cioni, M. Guidi, B. Raco, S. Giamberini, P. Daddi	<i>Measurement of Biogas Emissions from Air-Soil Interface in the Municipal Solid Waste Landfill of Legoli (Pisa, Italy)</i>	Sardinia Symposium 2003, 9th International Waste Management and Landfill Symposium, S. Margherita di Pula (Cagliari) 6-10 October 2003
12	M.S. Giamberini, P. Andreussi, G. Falcone, M. Guidi	<i>A Conceptual Model for Underground Water Contamination from an Old Municipal Solid Waste Landfill</i>	Sardinia Symposium 2003, 9th International Waste Management and Landfill Symposium, S. Margherita di Pula (Cagliari) 6-10 October 2003
13	M. Guidi, V. Campigli, A. Cozzolino, M.S. Giamberini	<i>Principal Component Analysis and Isotopic Determination as Investigation Tools for Underground Waters Contamination in Case of Mixing and Exchange Processes</i>	Sardinia 2005 - 10th International Waste Management and Landfill Symposium, S. Margherita di Pula (Cagliari), 3-7 October 2005
14	M.S. Giamberini, B. Raco, L. Tognotti	<i>Combined use of Monitoring and Prediction Tools for Environmental Performance Assessment in a MSW Landfill according to the EMAS Regulation</i>	Sardinia 2005 - 10th International Waste Management and Landfill Symposium, S. Margherita di Pula (Cagliari), 3-7 October 2005
15	M. Luberti, M.	<i>A New Software Tool for the Management of</i>	Sardinia 2005 - 10th

	M.S.Giamberini	<i>Environmental Data for MSW Landfills According to the EU "Landfill Directive"</i>	International Waste Management and Landfill Symposium,S. Margherita di Pula (Cagliari), 3-7 October 2005
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Patents

Numbers	Authors	Title	Assignee	Year	Patent or Patent application number
1	Andreussi P.	Method for Measuring the Flow Rates of the Single Phases in a Multiphase Fluid Stream and Relevant Apparatus	P.Andreussi	15 April 2003	US 6,546,809B1
2	Andreussi P., Ciandri P. , Ansiati A.	Axial flow cyclone with a variable internal arrangement for abating liquid or solid particulate from a gas stream	Tea Sistemi SpA	10 May 2006 , 15 November 2007	IT FI2006A000114 WO/07/129276A2
3	Andreussi P. , Ciandri P. , Ansiati A.	Ciclone a flusso assiale di grande diametro per l'abbattimento di particolato liquido e solido di una corrente di gas <i>Axial Flow Cyclone of Large Diameter for Abating Liquid or Solid Particulate from a Gas Stream</i>	Tea Sistemi SpA	18 July 2003	IT FI2003A000197 PCT/IB077051700
4	Boschi S., Andreussi P.	Apparato e metodo per la misura della portata di differenti fluidi presenti nelle correnti multifase <i>Apparatus and Method for Flow Measuring of Different Fluids Present in Multiphase Flow</i>	Tea Sistemi SpA / Eni SpA	19 April 2011 (IT)	MI2011A000670
5	Boschi S., Andreussi P.	Apparato e metodo per la misura della portata di una corrente multifase <i>Apparatus and Method for Measurement of the Flow-Rate of a Multiphase Fluid Stream</i>	Tea Sistemi SpA / Eni SpA	29 September 2009 (IT) 21 September 2010 (WO)	MI2009A001671 PCT/IB10/002371
6	De Ghetto,	Apparato per il convogliamento e il recupero di Idrocarburi da	Eni SpA	17 June 2010 (IT)	MI2010A001101 PCT/

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7	Di Berardo L. , Andreussi P. , Ansiati A.	Sistema di Separazione Compatto inerziale Gas-Liquido <i>Gas-Liquid Inertial and Compact Separation System</i>	Eni SpA	26 June 2009 (IT) 21 June 2010 (WO)	MI2009A001136 PCT/IB10/001513
8	Andreussi P.	Metodo per Quantificare un Flusso di Gas Fuggitivo Mediante Misure Verticali di Concentrazione <i>Method to Quantify Fugitive Gas Emissions Through Vertical Concentration Measurements</i>	Tea Sistemi SpA	06 October 2010 04 October 2011	IT FI2010A000208 PCT/IB11/054351
9	Cicarelli L.G. , Iovane M. , Margarone M. , Andreussi P. , Ansiati A.	Separatore Dinamico, Ciclonico a Flusso Assiale e ad Assetto Variabile <i>Cyclonic Dynamic Separator Having Axial Flow and Variable Asset</i>	Eni SpA	03 December 2010 (IT)	MI2010A002239
10	Andreussi P. , Di Renzo D.	Apparato di Separazione per Coalescenza di una Miscela Comprendente Due Fasi Fluide tra Loro Immiscibili di Diversa Densità Specifica <i>Apparatus for the Coalescence Separation of a Mixture Comprising two Fluid Phases at Least Partially Immiscible with Each Other and Having a Different Specific Density</i>	Eni SpA	29 December 2010 (IT)	MI2010A002450
11	Andreussi P. , Di Renzo D.	Gruppo e Metodo di Separazione di una Miscela Comprendente Due Fasi Fluide tra loro Immiscibili e di Diversa Densità in Particolare per	Eni SpA	29 December 2010 (IT)	MI2010A002451

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12	<p>Magi S. , G. Citi, Di Berardo L. , Andreussi P. , Ansiati A.</p>	<p>Eiettore Multifase ad Assetto Variabile per Recupero di Produzione a Testa Pozzo</p>	Eni SpA	12 December 2011	MI2011A002261