
CURRICULUM VITÆ

MARINA CAMPOLO

presently at Environmental and Process Fluid Mechanics Lab
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Personal information

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Nationality: Italian
Date of birth: May, 2nd, 1970

Education and training

1999 : Ph.D. Chemical Engineering, University of Udine, Italy. Thesis title: Advanced strategies for water pollution management and control.
1995 : BS-MS Industrial Engineering, University of Udine, Italy. Thesis title: Numerical modelling of water pollution in a river basin.

Research activity

2004 - Researcher (technical staff) at University of Udine, Italy; technical service and resource coordinator at the Environmental and Process Fluid Mechanics computational laboratory;
2002 - 2004: Post Doctoral Fellow, Unidad de Fluidos, Instituto Pluridisciplinar, Universidad Complutense de Madrid;
1999 - 2002: Post Doctoral Fellow, Dept. Chemical Science and Technology, University of Udine, Italy;
1995 - 1998: Ph.D. student, Dept. Chemical Science and Technology, University of Udine, Italy;
1995 : Young research fellow, Consorzio Pisa Ricerche, Pisa, Italy.

Teaching activity

2003 - present: Adjunct Professor, Course: Modelling and statistical analysis of environmental data, Interuniversity master course: School of chemical and environmental engineering, Italy.
2004 - present: Teaching Assistant, Course: Chemical Engineering (Instructor: A. Soldati), Second level degree in Industrial Engineering, University of Udine, Italy.
2000 - 2003: Adjunct Professor, Course: Chemical Engineering, Second level degree in Industrial Engineering, University of Udine, Italy.
1998 - 2000: Adjunct Professor, Course: Fluid Mechanics, First level degree in Mechanical Engineering, University of Udine, Italy.
1998 - 1999: Adjunct Professor, Master course: Environmental management and control, Scuola Superiore S.Anna, Pisa, Italy.
1997 - present: Advisor of more than 20 BS-MS candidates.

Research topics

- Analysis of complex environmental systems.
- Analysis and modelling of industrial processes.
- Fluid dynamic analysis of flow and particle dispersion in complex geometries.
- Reacting flows.
- Fluid mechanics in biomedical devices.

Research projects

1. Research fellowship from *Istituto Nazionale per la Ricerca sulla Montagna*, 2002-2004: Analysis of complex environmental systems: Flood forecasting and Pollution control in the basin of river Tagliamento.
2. Young Researcher fellowship from University of Udine, 2001-2002: Numerical models for simulation of particle dispersion near interfaces.
3. Local coordinator for: Artificial Neural Network Experiment, ANNEX 2001, co-ordinated by C. W. Dawson, Loughborough University, UK, R. L. Wilby, King's College London, UK, and B. J. Abraham, University of Nottingham, UK.

Awards

- ASME: 2007 Robert T. Knapp Award for the best paper on analytical, numerical or laboratory research. Title of paper: Strategies for dispersion control by jet in crossflow (FEDSM2006-98245), by M. Campolo, A. Cremese, A. Soldati
- University of Udine: 2003 Business Plan Competition Award for innovative ideas. Title of project: Advanced strategies to measure, model and control odor emissions, by M. Campolo, S. Colussi and S. Rivilli.

Referred publications

- PR26 M. Campolo, Soldati, and F. Curcio (2012), "Minimal perfusion flow for osteogenic growth of mesenchymal stem cells on lattice scaffolds", *AIChE Journal*, DOI 10.1002/aic.14084, (accepted on 24/02/2013).
- PR25 S.S. Dearing, M. Campolo, A. Capone and A. Soldati (2012), "Phase discrimination and object fitting to measure fibers distribution and orientation in turbulent pipe flows", *Exp. Fluids*, 54:1419, DOI 10.1007/s00348-012-1419-9 (accepted on 21/12/2012).
- PR24 S. Micolini, R. Zironi, M. Campolo (2012), "The barrels and the locals for their conservation. Study of climatic parameters", *Industrie delle Bevande*, 41: 9-18.
- PR23 M. Campolo, D. Molin, N. Rawal and A. Soldati (2012), "Protocols to compare infusion distribution of wound catheters", *Medical Engineering & Physics*, 34: 326-332.
- PR22 A. Soldati, M. Campolo, and F. Sbrizzai (2010), "Modeling nano-particle deposition in diesel engine filters", *Chem. Eng. Sci.*, 65, 6443-6451.

- PR21 M. Campolo, M. Andreoli, and A. Soldati (2009), "Computing flow, combustion, heat transfer and thrust in a micro-rocket via hierarchical problem decomposition", *Microfluidics and Nanofluidics*, **7**, 57-73.
- PR20 M. Campolo, A. Cremese, and A. Soldati (2008), "Controlling particle dispersion in a transverse jet by synchronized injection", *AIChE J.*, **54**, 1975-1986.
- PR19 M. Campolo, M. Andreoli, L. Tognotti, and A. Soldati, (2007), "Modelling of multiphase reacting turbulent jet: application to supersonic carbon injection in siderurgic furnaces", *Chemical Engineering Science*, **62**, 4439-4458.
- PR18 F. Sbrizzai, V. Lavezzo, R. Verzicco, M. Campolo and A. Soldati, (2006), "Direct Numerical Simulation of turbulent particle dispersion in an unbaffled Stirred-Tank Reactor", *Chemical Engineering Science*, **61**, 2843-2851.
- PR17 M. Campolo, G. M. Degano, A. Soldati and L. Cortelezzi, (2005), "Influence of inlet conditions on the time-average behavior of transverse jets", *AIAAJ*, **43**, 1549-1555.
- PR16 M. Campolo, M. V. Salvetti and A. Soldati, (2005), "Mechanisms for microparticle dispersion in a jet in crossflow", *AIChE J.*, **51**, 28-43.
- PR15 M. Campolo and A. Soldati, (2004), "Numerical evaluation of mixing time in a tank reactor stirred by a magnetically driven impeller", *Industrial Engineering and Chemistry Research*, **43**, 6836-6846.
- PR14 M. Campolo, S. Rivilli and A. Soldati, (2004), "Analisi Costo-Efficienza di Impianti per abbattimento Composti Organici Volatili", *Ingegneria Ambientale*, **5**, 233-243.
- PR13 M. Campolo, A. Soldati and P. Andreussi, (2003), "Artificial neural network approach to flood forecasting in the river Arno", *J. Hydrological Sciences*, **48**, 381-398.
- PR12 M. Campolo, F. Sbrizzai, and A. Soldati, (2003), "Time-dependent flow structures and Lagrangian mixing in Rushton-impeller baffled-tank reactor", *Chemical Engineering Science*, **58**, 1615-1629.
- PR11 M. Campolo, G. M. Degano, A. Soldati and L. Cortelezzi, (2003), "Numerical appraisal of jet-to-crossflow coupling in a transverse jet", in *Modeling, manipulation and control of transverse jets*, Eds. A. Karagozian, L. Cortelezzi, and A. Soldati. Springer Verlag, Wien-New York, 51-66.
- PR10 M. Campolo, M. Fornasier, and A. Soldati, (2003), "Modeling turbulent particle dispersion in transverse jets", in *Modeling, manipulation and control of transverse jets*, Ed. A. Karagozian, L. Cortelezzi, and A. Soldati. Springer Verlag, Wien-New York, 195-210.
- PR09 M. Campolo, P. Andreussi and A. Soldati, (2002), "Water quality control in the river Arno", *Water Research*, **36**, 2673-2680.
- PR08 M. Campolo and A. Soldati, (2002), "Appraisal of Fluid Dynamic Efficiency of Retreated-Blade and Turbofoil Impellers in Industrial-Size CSTRs", *Industrial Engineering and Chemistry Research*, **41**, 750-758.
- PR07 M. Campolo, A. Paglianti and A. Soldati, (2002), "Fluid Dynamic Efficiency and Scale-up of a Retreated Blade Impeller CSTR", *Industrial Engineering and Chemistry Research*, **41**, 164-172.
- PR06 A. Soldati, M. Campolo and G. Velcich, (2002), "Controllo delle emissioni di un forno elettrico ad arco: efficienza di captazione delle cappe durante la fase di carica", *Ingegneria Ambientale*, **1**, 26-37.
- PR05 A. Soldati, M. Campolo and P. Andreussi, (2001), "Neural network river flow forecasting for optimal management of water resources at a basin scale", *Terra*, **5**, 36-41.
- PR04 A. Soldati, M. Campolo and P. Andreussi, (2001), "Possibili procedure per la gestione ottimale delle risorse idriche del bacino del fiume Arno", *Ingegneria Ambientale*, **11/12**, 574-582.
- PR03 A. Serra, M. Campolo and A. Soldati, (2001), "Time-dependent finite-volume simulation of the turbulent flow in a free surface CSTR", *Chemical Engineering Science*, **56**, 2715-2720.
- PR02 M. Campolo, A. Soldati, and P. Andreussi, (1999), "Forecasting river flow rate during low flow periods using neural networks", *Water Resources Research*, **35**, 11, 3547-3552.
- PR01 M. Campolo, P. Andreussi, and A. Soldati, (1999), "River flood forecasting with a Neural Network Model", *Water Resources Research*, **35**, 4, 1191-1197.

1. M. Campolo, Curcio F., A. Soldati (2012), "Perfusione minima in bioreattore per accrescimento omogeneo di cellule su scaffold di forma regolare", Convegno GRICU, 67-70, 2012.
2. M. Campolo, D. Molin, A. Soldati (2011), "Predicting and Controlling Bubble Clogging in Bioreactor for Bone Tissue Engineering", Chemical Engineering Transactions, 24: 913-918, 2011.
3. M. Campolo, D. Molin, N. Rawal, A. Soldati (2010), "Multiple-hole infusion for pain management: infusion distribution and catheter breakage characteristics of 4 commonly used catheters", XXIX Annual ESRA Congress, Porto, Portugal, September 8-11, 2010.
4. G. Gibertini, A. Soldati, M. Campolo, M. Andreoli, G. Moretti (2010), "Aerodynamic Analysis of a Two-man Bobsleigh", 6th World Congress of Biomechanics Singapore Suntec Convention Centre, 1-6 August, 2010.
5. M. Campolo, F. Beux, A. Soldati (2009), "Transport of species in a bioreactor for bone tissue engineering", Chemical Engineering Transactions, Vol. 17 - ICheaP-9, 9th International Conference on Chemical and Process Engineering, Rome, 10-13 May, 2009, 2009 - ed. AIDIC Servizi S.r.l. (Italia).
6. L. Del Fabbro, M. Campolo, A. Soldati (2008), "Numerical evaluation of spray painting efficiency in industrial applications", Poliefun Series, Proceedings of 1st Trends in Surface Technology Symposium, 87-96, Milano, 26 giugno 2008, 2009 - ed. AIDIC servizi S.r.l. (Italia).
7. M. Campolo, A. Soldati (2008), "Pulsed injection to control particle dispersion in transverse jets", 11th International Conference on Multiphase Flow in Industrial Plants (MFIP08), 55-62, Palermo, Italy, September 7-10, 2008, 2008 - ed. ANIMP Servizi s.r.l. (Italia).
8. M. Campolo, M. Andreoli, L. Tognotti and A. Soldati (2007), "Analysis of multiphase reacting turbulent jets: case study on carbon injection in siderurgic furnaces", Chemical Engineering Transactions, 11 - Proceedings of ICheaP8, 24-27 Giugno, Ischia (Na).
9. V. Lavezzo, M. Campolo, A. Soldati (2007), "Role of a-periodic large scale flow structures in particle resuspension in stirred tanks", Chemical Engineering Transactions, 11 - Proceedings of ICheaP8, 24-27 Giugno, Ischia (Na).
10. M. Andreoli, M. Campolo, F. Zani, A. Chiogna, A. Soldati, "Mixing time and inclusion removal as efficiency parameters for tundish optimization", Surface quality and Continuously Cast Semis, Institute of Materials, London, 6-8 November 2006.
11. M. Campolo, A. Cremese, A. Soldati (2006), "Strategies for dispersion control by pulsed injection: particle dispersion by jet in crossflow", Proceedings of FEDSM2006 - 2006 ASME Joint U. S. - European Fluids Engineering Summer Meeting.
12. M. Campolo, S. Rivilli, A. Castellan, R. Snidar, A. Trovarelli and A. Soldati (2006), "Advanced strategies to measure, model and control odor emissions", Proceedings of 1st Mediterranean congress Chemical Engineering for Environment, San Servolo (Venezia), 4-6 October 2006.
13. F. Sbrizzai, V. Lavezzo R. Verzicco, M. Campolo, A. Soldati, "Direct numerical simulation of the interaction between particles and turbulence structures in a stirred tank reactor", Proceedings 12th European Conference on Mixing, Bologna, 27-30 June 2006.
14. C. Scharlemann, K. Marhold, M. Tajmar, P. Miotti, C. Guraya, F. Seco, A. Soldati, M. Campolo, F. Perennes, B. Marmioli, R. Brahmi, C. Kappenstain, M. Lang, "Turbo-Pump Fed Miniature Rocket Engine", 41st AIAA/ASME/SAE/ASEE Joint Propulsion Conference & Exhibit, Tucson, Arizona, 10 - 13 July 2005.
15. F. Sbrizzai, V. Lavezzo, R. Verzicco, M. Campolo, A. Soldati (2005), "Direct numerical simulation of turbulent particle dispersion in an unbaffled stirred-tank reactor", submitted to *Fluid Mixing VIII*, King's College, London, UK, 10-12 April 2006.

16. M. Campolo, L. Cortelezzi, M.V. Salvetti, and A. Soldati (2004), "Control particle dispersion in forced-transverse jet by pulsed injection", submitted to *7th World congress of Chemical Engineering*, Glasgow, July 10-14 2005.
17. M. Campolo and A. Soldati (2003), "Influence of interaction between particles and fluid structures on mixing in stirred baffled tank", submitted to *ECI 2003: Engineering Conferences International*, Davos, Switzerland, 25-30 May 2003.
18. M. Campolo and A. Soldati (2003), "Effect of particle-fluid interaction in the mixing of a transverse jet", submitted to *EFMC 2003: 5th European Fluid Mechanics Conference*, Toulouse, 24-28 August 2003.
19. M. Campolo and A. Soldati (2003), "Lagrangian evaluation of mixing by large coherent vortical structures in stirred baffled tank", submitted to *ICChEAP6: 6th It. Conf. Chemical and Process Engineering*, Pisa, May 11-13 2003.
20. M. Campolo, F. Sbrizzai, and A. Soldati, (2001), "Lagrangian evaluation of mixing by large coherent vortical structures in stirred baffled tank", presented to *APS, DFD01 Meeting of the American Physical Society*, 195.
21. M. Fornasier, M. Campolo, and A. Soldati, (2001), "Turbulent dispersion of sprays in cross-flow", presented to *ILASS, 17th Annual Conference on Liquid Atomization and Spray Systems*, 173.
22. M. Campolo, G. M. Degano, A. Soldati, and L. Cortelezzi, (2001), "Analysis of the pipe flow-cross flow coupling on the evolution of a transverse jet", presented to *ILASS, 17th Annual Conference on Liquid Atomization and Spray Systems*, 175.
23. M. Campolo, A. Soldati, and P. Andreussi, (2000), "Strategies for Dissolved Oxygen control in the river Arno", *Proceedings of the International Conference on New Trends in Water and Environmental Engineering for Safety and Life*, Capri, Italy, 3–7 July, 160.
24. M. Campolo, A. Soldati, and P. Andreussi, (2000), "Flood Forecasting in the river Arno", *Proceedings of the International Conference on New Trends in Water and Environmental Engineering for Safety and Life*, Capri, Italy, 3–7 July, 163.
25. M. Campolo, P. Andreussi and A. Soldati, (1999), "Neural network based model for the prediction of the river flow rate", XXIV General Assembly of the European Geophysical Society, The Hague, The Netherlands, 19-23 April, 215.
26. M. Campolo, P. Andreussi and A. Soldati, (1999), "Influence of transients on pollutant transfer and reaction rates in a river system", IcheaP-4, ECCE2, Florence, Italy, 154.
27. M. Campolo, A. Soldati, and P. Andreussi, (1999) "Influence of flow rate variations on water quality in the river Arno", *Chemical Engineering Greetings to Prof. Mario Dente*, edited by AIDIC, 57.
28. M. Campolo, P. Andreussi and A. Soldati, (1997), "Use of neural networks to predict the rainfall-runoff process", IcheaP-3, ECCE1, Florence, Italy, May 4-7, 114.

Technical reports

1. M. Campolo, A. Soldati (2012), CFI-RT 01-12, Experimental evaluation of maximum flow rate deliverable from HEALTHPORT-POWER, prepared for Plan1Health srl, Amaro, Italy.
2. M. Campolo, A. Soldati (2012), CFI-RT 02-12, Fluid dynamic appraisal of collection efficiency of blast furnace extraction hoods: splilling hood and tilting hood, prepared for CVS Europe, Udine.
3. M. Campolo, A. Soldati (2012), CFI-RT 03-12, Preliminary design of exhaust system for copper processing acid plant, prepared for Vetroresina Balkan, Sofia, Bulgaria.

4. M. Campolo, A. Soldati (2012), CFI-RT 04-12, Analysis of pressure drop in coalescing filters, prepared for Carra Depurazioni srl, Castelfranco Veneto, Treviso.
5. M. Campolo, A. Soldati (2012), CFI-RT 05-12, Pollutant dispersion modelling for environmental impact assessment of Kronospan Italiaplant expansion, prepared for Kronospan Italia srl, San Vito al Tagliamento, Pordenone.
6. F.Zonta, M.Campolo, A.Soldati (2012), CFI-RT06-12, Fluid dynamic analysis of two lines tundish CCM3 Hercules: standard configuration , prepared for ABS, Udine.
7. M. Campolo, A.Soldati (2012), CFI-RT 07-12, Design of exhaust system for copper processing acid plant: numerical evaluation of pressure drop and droplet abatement efficiency of alternative design configurations, prepared for Vetoresina Balkan, Bulgaria.
8. M. Campolo, A.Soldati (2012), CFI-RT 08-12, Comparative evaluation of expected pollutant dispersion from alternative configurations of reheating furnace, prepared for SMS Meer, Tarcento (UD).
9. M. Campolo, A.Soldati (2012), CFI-RT-09-12, Design of exhaust system for off gas treatment plant: numerical evaluation of pressure drop and droplet abatement efficiency of alternative design configurations, prepared for Vetoresina Balkan, Bulgaria. item M. Campolo, A.Soldati (2012), CFI-RT-10-12, Comparative evaluation of alternative design configurations for Craiova II stack, prepared for Vetoresina AP, Povoletto, Udine.
10. A. Soldati, M. Campolo, A. Simonetto, G. Roman (2011), CFI-RT 01-11, Valutazione dell'ipotesi di utilizzo di fumi di fonderia (FDF) come filler per calcestruzzi e paste cementizie, prepared for Consorzio Interuniversitario ForCom, Roma.
11. F. Zonta, M. Campolo, A. Soldati (2011), CFI-RT 02-11, Fluid dynamic evaluation of 4 and 5 lines tundish, prepared for Danieli CRD, Buttrio, Udine.
12. D. Molin, M. Campolo, A. Soldati, (2011) CFI-RT 03-11, Evaluation of priming performances in PainFusor catheters, prepared for Plan1Health s.r.l., Amaro, Udine.
13. M. Campolo, D. Molin, A. Soldati (2011), CFI-RT 04-11, Qualification of open jawed slide clamp for Baxter Infusor, prepared for Plan1Health s.r.l., Amaro, Udine.
14. M. Campolo, A. Soldati (2011), CFI-RT 05-11, Fluid dynamic evaluation of alternative configurations of 3 lines tundish, prepared for Danieli CRD, Buttrio, Udine.
15. M. Campolo, F. Zonta, C. Marchioli, A. Soldati(2011), CFI-RT 06-11, Analisi fluidodinamica di impianti di disoleazione esistenti e identificazione di linee-guida per lottimizzazione di progetto, prepared for Boer group, Cordenons, Pordenone.
16. M. Campolo (2011), CFI-RT 08-11, Sviluppo di modello per dimensionamento/verifica di flash dryer, prepared for Turello s.r.l., Coseano, Udine.
17. M. Campolo, A. Soldati (2011), CFI-RT-10-11, Experimental evaluation of maximum flow deliverable from P1H-POWER port, prepared for Plan1Health srl, Amaro, Udine.
18. M. Campolo, A. Soldati (2010), CFI-RT 01-10, Preliminary design of exhaust system for copper processing acid plant, prepared for Vetoresina AP, Povoletto, Udine.
19. M. Campolo, D. Molin, A. Soldati (2010), CFI-RT 02-10, Analysis of transport/accumulation of bubbles in scaffold micro channels, preparato per Vivabiccil, Udine.
20. M. Campolo, L. Scarbolo, A. Soldati (2010), CFI-RT 03-10, Sviluppo di modelli fluidodinamici per l'analisi del flusso necessario al raffreddamento di matasse di vergella, preparato per CRD Danieli, Buttrio, Udine.
21. M. Campolo, D. Molin, M Simeoni, A. Soldati (2010), CFI-RT 04-10, Evaluation of kink resistance: PainFusor catheter, preparato per Plan1Health, Amaro, Udine.

22. D. Molin, M. Simeoni, M. Campolo, A. Soldati (2010), CFI-RT 05-10, Evaluation of kink resistance: Healthport catheters, preparato per Plan1Health, Amaro, Udine.
23. F. Zonta, M. Campolo, A. Soldati (2010), CFI-RT 05-10, Caratterizzazione fluidodinamica di vasche per separazione olii. Parte 1: Modello BM3, preparato per Boer Group srl, Cordenons, Pordenone.
24. M. Campolo, A. Soldati (2010), CFI-RT 06-10, Preliminary design of exhaust system for coal fired power plant: evaluation of pressure drop and abatement efficiency, preparato per Vetoresina Enginia, Povoletto, Udine.
25. M. Campolo, A. Soldati (2009), CFI-RT 01-09, Design of exhaust system for coal fired power plant: numerical evaluation of pressure drop and droplet abatement efficiency of final design configuration, preparato per Vetoresina AP, Povoletto, Udine.
26. M. Campolo, A. Soldati (2009), CFI-RT 02-09, Studio fluidodinamico della lancia del sistema FIRE-CANNON - Fase 3: Analisi numerica di configurazioni alternative di ugello, preparato per Helica s.r.l., Amaro, Udine.
27. M. Campolo, A. Soldati (2009), CFI-RT 03-09, Analisi sistema estrazione fumi centrale a carbone: valutazione della portata di liquido raccolto lungo il sistema, preparato per Vetoresina AP, Povoletto, Udine.
28. M. Campolo, A. Soldati (2009), CFI-RT 04-09, Simulating cell metabolism and nutrient transport inside the bio-reactor: set up of the numerical model based on experimental data, preparato per Vivabiocell spa, Udine.
29. M. Campolo, A. Soldati, G. Roman, A. Simonetto (2009), CFI-RT-05-09, Nuove metodologie per la riduzione e la gestione di emissioni di COV e particolato per l'industria di pannelli di particelle e fibra di legno, preparato per Consorzio Friuli Innovazione, Udine.
30. A. Sclabi, M. Campolo, A. Soldati (2009), CFI-RT 06-09, Healthport flowrate tests, preparato per Plan1Health srl, Amaro, Udine.
31. A. Simonetto, M. Campolo, A. Soldati (2009), CFI-RT 07-09, Progetto di valorizzazione dei limi derivanti dalla lavorazione lapidea e ottimizzazione del processo produttivo delle ditte operanti nel settore della pietra, preparato per Azienda Speciale Ambiente, Udine.
32. M. Campolo, A. Sclabi, D. Molin, A. Soldati (2009), CFI-RT 08-09, Comparative testing of wound infusion systems for post-operative analgesia, prepared for Baxter, England.
33. L. Del Fabbro, M. Campolo, A. Soldati (2008), CFI-RT 01-08, Fluid dynamic analysis of a three lines tundish, preparato per Danieli Centro Met, Danieli & C. Officine Meccaniche, Buttrio (Ud), Italia.
34. M. Campolo, A. Soldati (2008), CFI-RT-02-08, Studio fluidodinamico della lancia del sistema FIRE-CANNON: analisi letteratura tecnico scientifica, preparato per Helica s.r.l., Amaro (Ud), Italia.
35. V. Lavezzo, L. Del Fabbro, M. Campolo, A. Soldati (2008), CFI-RT-03-08, Studio fluidodinamico per il calcolo delle perdite di carico e dello scambio termico in circuiti di raffreddamento, preparato per More s.r.l., Gemona (Ud), Italia.
36. M. Campolo, A. Pascoletti, A. Soldati (2008), CFI-RT-05-08, Ricerca e innovazione si dispositivi di controllo dello spessore di rivestimento nel processo di zincatura: Fase 2, simulazione numerica; Fase 4: proposta di soluzioni migliorative, preparato per Centro Ricerche Danieli, Danieli & C., Officine Meccaniche, Buttrio (Ud), Italia.
37. M. Campolo, A. Soldati (2008), CFI-RT-06-08, Studio fluidodinamico della lancia del sistema FIRE-CANNON: Fase 1 analisi della letteratura tecnico scientifica, preparato per Helica s.r.l., Amaro (Ud), Italia.
38. M. Campolo, A. Soldati (2008), CFI-RT-07-08, Studio fluidodinamico della lancia del sistema FIRE-CANNON: Fase 2 analisi macroscopica del problema, preparato per Helica s.r.l., Amaro (Ud), Italia.
39. M. Campolo, A. Soldati (2008), CFI-RT-08-08, Evaluation of infusion performance of catheter for post-operative analgesia, preparato per Plan1Health s.r.l., Amaro (Ud), Italia.

40. M. Campolo, A. Soldati (2008), CFI-RT-09-08, Preliminary design of exhaust system for coal fired power plant: evaluation of pressure drop and droplet abatement efficiency, preparato per Vetoresina Enginia s.p.a., Povoletto (Ud), Italia.
41. L. Del Fabbro, M. Campolo, A. Soldati (2008), CFI-RT-10-08, Analisi fluidodinamica del sistema per la verniciatura automatica degli occhiali: stabilimento di Precenicco Rapporto finale, preparato per Safilo Group, Padova, Italia.
42. M. Campolo, A. Soldati (2008), CFI-RT-11-08, Design of exhaust system for coal fired power plant: evaluation of pressure drop and droplet abatement efficiency of alternative configuration of bends, preparato per Vetoresina Enginia, Povoletto, Udine.
43. M. Campolo, A. Soldati (2008), CFI-RT-12-08, Analisi Fluidodinamica per Sistemi di Pulizia ed Igienizzazione delle Canalizzazioni: Rilevazione sperimentale della portata d'aria nella testina, prepared for Aria s.r.l., Castions di Zoppola, Udine.
44. M. Andreoli, M. Campolo, A. Soldati (2007), CFI-RT 01-07: Numerical analysis of an orifice, prepared for More s.r.l., Gemona (Ud), Italy.
45. M. Andreoli, M. Campolo, A. Soldati (2007), CFI-RT 02-07: Numerical analysis of a mixing stack, prepared for Fantoni s.p.a., Osoppo (Ud), Italy.
46. M. Campolo, A. Soldati (2007), CFI-RT 03-07, 1D model of catheter for post operative analgesia, prepared for Plan1health, Amaro (Ud), Italy.
47. M. Andreoli, M. Campolo, A. Soldati (2007), CFI-RT 04-07, Fluid dynamic optimization of a 5 lines Tundish, prepared for Corus, London, UK.
48. M. Campolo, L. Del Fabbro, A. Soldati (2007), CFI-RT 05-07, Evaluation of oil/sand separation efficiency in a flash tank: comparison of alternative design for internals, prepared for Unidro s.p.a., Milano, Italy.
49. M. Campolo, A. Soldati (2007), CFI-RT 06-07, Evaluation of pressure drop in the cooling system of fermentation vessels for wine production, prepared for Granzotto Impianti, Susegana (Tv), Italy.
50. L. Del Fabbro, M. Campolo, A. Soldati (2007), CFI-RT07-07, Fluid dynamic evaluation of alternative configurations of a 5-lines tundish, prepared for Corus, London, UK.
51. G. Roman, M. Campolo, A. Soldati (2007), CFI-RT08-07, Evaluation on in/out VOC fluxes for the evaluation of fugitive emissions in the Longarone plant, prepared for Safilo Group, Padova, Italy.
52. L. Del Fabbro, M. Campolo, A. Soldati (2007), CFI-RT09-07, Fluid dynamic analysis of spray paint extraction hoods in the Precenicco plant, prepared for Safilo Group, Padova, Italy.
53. M. Campolo, L. Del Fabbro, M. Picciotto, A. Soldati (2006), CFI-RT 01-06, Characterization and abatement of particulate matter produced by domestic wood burning appliances, Prepared for Palazzetti, Porcia (Pn), Italy.
54. M. Campolo, A. Soldati (2006), CFI-RT 02-06, Evaluation of pressure drop in wood fiber transfer pneumatic line, prepared for Fantoni s.p.a., Osoppo (Ud), Italy.
55. M. Andreoli, M. Campolo, A. Soldati (2006), CFI-RT 03-06, Numerical simulation of EAF-Camera burner, prepared for More s.r.l., Gemona (Ud), Italy.
56. M. Andreoli, M. Campolo, A. Soldati (2006), CFI-RT 04-06, Numerical simulation of dispersion of heavy gas in the atmosphere, prepared for Tea Sistemi, Pisa, Italy.
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