

Curriculum Scientifico Professionale

Milano, 8 gennaio 2023

Dati anagrafici

Nome: Paolo
Cognome: Schito

Dipartimento di Meccanica

Lingue Straniere

Tedesco – madrelingua
Inglese – ottimo

Francese – scolastico
Spagnolo – scolastico

Introduzione

Born in Venezia, where he did all the undergraduate education, he graduated in Aerospace Engineering at Politecnico di Milano, he obtained the title of in Mechanical Engineering with a research on the numerical modelling of wind turbines.

His research is undertaken in the Wind Energy and Wind Engineering field, in particular the numerical modeling of fluid-structure interaction.

Author of more than 50 scientific publications, his research is carried out in the field of vehicle aerodynamics both road and rail, in the modelling of atmospheric flow and its interaction with wind turbines and buildings.

He has been awarded with 2 PRACE projects (Partnership for Advanced Computing in Europe) in the Wind Energy field.

He holds two patents for the reduction of aerodynamic drag on terrestrial vehicles.

He participated in the experimental full-scale tests and the numerical modeling of the aerodynamics of the new highspeed train ETR1000-V300Zefiro, contributing to the approval of the aerodynamic part.

He participated to the H2020 project CL-Windcon, where wind farm control strategies were tested experimentally and numerically.

He worked on many research projects on experimental and numerical wind engineering, such as the evaluation of wind loads on buildings and stadiums, the modelling of the effect of porous screens on buildings, the aerodynamics of bicycle and road vehicle wheels and tires. He is also participating to the research in the nautical sector, in particular on the sail aerodynamics with full scale and wind tunnel scale experiments and CFD numerical modelling.

He has taught several bachelor and master degree courses such as: Theoretical and Applied Mechanics, Aero-Hydrodynamics of Sailing, Dynamics Control and Diagnostics of Ground Transportation Systems, Mechanical Design, Vibration mechanics and Vehicle Aerodynamics.

His hobbies are in the nautical sector, in particular sailing where he participated in several national and international competitions, and in the mountains, where he hikes and skies.



Percorso Accademico

Febbraio 2021 – oggi: Ricercatore a tempo determinato – RTDB
Dipartimento di Meccanica – Politecnico di Milano

Gennaio 2016 – Gennaio 2021: Ricercatore a tempo determinato – RTDA
Dipartimento di Meccanica – Politecnico di Milano

Gennaio 2012 – Gennaio 2016: Assegnista di ricerca
Dipartimento di Meccanica – Politecnico di Milano

Gennaio 2009 – Dicembre 2011: Dottorato di ricerca
Dipartimento di Meccanica – Politecnico di Milano

Rappresentante degli assegnisti di ricerca nel Consiglio di Dipartimento di Meccanica del Politecnico di Milano per gli anni 2013, 2014 e 2015.

Rappresentante degli studenti di dottorato nel Consiglio di Dipartimento di Meccanica del Politecnico di Milano per gli anni 2010 e 2011.

Periodo di dottorato all'estero da 21 febbraio 2011 a 20 luglio 2011 (5 mesi) presso il laboratorio WIRE all'EPFL (École Polytechnique Federale de Lausanne) a Losanna, CH.

Dottorato di Ricerca Europeo in Ingegneria Meccanica, conseguito il 28/03/2012 presso il Politecnico di Milano con una votazione finale di Very Good – Merito, presentando una tesi dal titolo *Large Eddy Simulation of Wind Turbines: interaction with turbulent flow*.

Laurea in Ingegneria Aerospaziale, conseguita il 23/04/2008 presso il Politecnico di Milano, presentando una tesi dal titolo *Analisi numerica e sperimentale del piano velico di imbarcazioni in andature di bolina* con la supervisione del prof. Fabio Fossati.

Maturità scientifica conseguita presso il Liceo Scientifico G.B. Benedetti a Venezia.

Ricerca e Didattica

Titolare del Corso “Meccanica Applicata alle Macchine” ad Ingegneria Biomedica (5 CFU) presso il Politecnico di Milano, Anni Accademici 2020/2021, 2021/2022, 2022/2023.

Titolare del Corso “Aero-Idrodinamica della Vela” a Design Navale e Nautico (6 CFU) presso il Polo Universitario della Spezia, Anni Accademici: 2015/2016, 2017/2018, 2018/2019, 2019/2020, 2020/2021, 2021/2022, 2022/2023.

Co-titolare del Corso “Aerodynamics of Transport Vehicles” ad Aeronautical Engineering (6 CFU) presso il Politecnico di Milano, Anno Accademico 2021/2022 e 2022/2023.

Docente di “Naval Architecture” presso il Master in Yacht Design erogato da POLI.design. Anni: 2022.

Titolare del Corso “CFD Workshop” (3 CFU) iniziativa Passion in Action presso il Politecnico di Milano, Anni Accademici 2020/2021, 2021/2022, 2022/2023.

Titolare del Corso “Naval Architecture” (3 CFU) iniziativa Passion in Action presso il Politecnico di Milano, Anno Accademico 2021/2022.

Comitato Organizzatore del congresso internazionale IN-Vento 2020 e IN-Vento 2022 - Conference of the Italian Association for Wind Engineering (online, 7 Settembre 2020 – Milano 4-7 Settembre 2022)

Titolare del Corso “Vehicle Aerodynamics” (3 CFU) iniziativa Passion in Action presso il Politecnico di Milano, Anni Accademici 2018/2019, 2019/2020, 2020/2021.

Docente di “Aero-idrodinamica della Vela” presso il Master in Yacht Design erogato da POLI.design. Anni: 2016, 2017, 2018, 2019, 2020, 2021.

Esercitazioni in quanto Esperto della Materia in “Dynamics, Control and Diagnostics of Ground Transportation Systems” a Mobility Engineering (10 CFU – docente prof. Collina – in lingua inglese) presso il Politecnico di Milano, Anni Accademici 2019/2020, 2020/2021.

Esercitazioni in quanto Esperto della Materia in “Fondamenti di Meccanica Teorica e Applicata” ad Ingegneria Energetica (8 CFU – docente prof. Tomasini) presso il Politecnico di Milano, Anno Accademico 2019/2020.

Partecipazione a progetto europeo Horizon 2020 CL-Windcon - Closed Loop Wind Farm Control (GA 727477) da Novembre 2016 a Ottobre 2019.

Esercitazioni in quanto Esperto della Materia in “Fondamenti di Meccanica Teorica e Applicata” ad Ingegneria Energetica (8 CFU – docente prof. Pizzigoni) presso il Politecnico di Milano, Anni Accademici 2017/2018 e 2018/2019.

Organizzatore del Congresso Internazionale AEROVEHICLES3 - Third International Conference in numerical and experimental aerodynamics of road vehicles and trains (Milano, 13-15 Giugno 2018)

Awarded by PRACE (Partnership for Advanced Computing in Europe) with 30M core-hours (more than 1M€ economic value) (Project 2017174200 – ALISIOS - Advanced controL of wInd farm uSing computatIOal fluid dynamics)

Esercitazioni in quanto Esperto della Materia in “Fondamenti di Meccanica Teorica e Applicata” ad Ingegneria Energetica (8 CFU – docente prof. Pennacchi) presso il Politecnico di Milano, Anno Accademico 2014/2015, 2015/2016 e 2016/2017.

Organizzatore del Congresso Internazionale SOWE – Symposium on OpenFOAM in Wind Energy (Milano, 15-17 Giugno 2015)

Titolare del Corso “Mechanical Design” a Design & Engineering (5 CFU – in lingua inglese) presso il Politecnico di Milano, Anni Accademici: 2012/2013, 2013/2014.

Esercitazioni in quanto Esperto della Materia in “Aero-idrodinamica della Vela” a Design Navale e Nautico (docente prof. Fossati) presso il Polo Universitario della Spezia, Anni Accademici: 2009/2010, 2010/2011, 2011/2012, 2012/2013, 2013/2014, 2014/2015.

Awarded by PRACE (Partnership for Advanced Computing in Europe) with 10.5M core-hours (more than 1M€ economic value) (Project 2012061147 - INCOME4WINDFARMS – Innovative Computational Methods for Wind Farms)

Esercitazioni in quanto Esperto della Materia in “Meccanica delle Vibrazioni” a Ingegneria della Produzione Industriale (docente prof. Vania) presso il Politecnico di Milano - Polo di Lecco, Anni Accademici 2010/2011 e 2011/2012.

Pubblicazioni

Journal Articles

- J1. Marchisotti D., Schito P., Zappa E., “*3D Measurement of Large Deformations on a Tensile Structure during Wind Tunnel Tests Using Microsoft Kinect V2*”, *Sensors*, Vol. 22, Issue 16, 2022, DOI: 10.3390/s22166149
- J2. Cioffi A., Semeraro F. F., Dellavedova A., Schito P., Vignati M., “*A Numerical Methodology to Assess the Rollover Risk of a Generic Car- Caravan System in Different Driving Conditions*”, *International Journal of Automotive Engineering*, Vol. 13, Issue 3, 2022, DOI: 10.20485/jsaeijae.13.3_103
- J3. Semeraro F. F. Cioffi A. Pellegrino E., Schito P., Vignati M., “*Numerical Analysis of Wind-Break Fences for Truck Stability in Crosswind*”, *SAE International Journal of Commercial Vehicles*, Vol. 16, Issue 2, 2022, DOI: 10.4271/02-16-02-0011
- J4. Semeraro F. F., Schito P., “*Numerical Investigation of the Influence of Tire Deformation and Vehicle Ride Height on the Aerodynamics of Passenger Cars*”, *Fluids*, Vol. 7, Issue 2, 2022, DOI: 10.3390/fluids7020047
- J5. Cioffi A., Asghar A. R., Schito P., “*Parameters estimation of a steady-state wind farm wake model implemented in OpenFAST*”, *Wind Engineering*, 2022, DOI: 10.1177/0309524X221117820
- J6. Sheidani A., Salavatidezfouli S., Schito P., “*Study on the effect of raindrops on the dynamic stall of a NACA-0012 airfoil*”, *Journal of the brazilian society of mechanical sciences and engineering*, Vol. 44, 2022, DOI: 10.1007/s40430-022-03498-8
- J7. Pomaranzi G., Amerio L., Schito P., Lamberti G.; Gorlé C.; Zasso A., “*Wind tunnel pressure data analysis for peak cladding load estimation on a high-rise building*”, *Journal Of Wind Engineering And Industrial Aerodynamics*, Vol 220, 2022, DOI: 10.1016/j.jweia.2021.104855
- J8. Bianchi G., Cinquemani S., Schito P., Resta F., “*A Numerical Model for the Analysis of the Locomotion of a Cownose Ray*”, *Journal of Fluids Engineering*, Vol. 144, 2022, DOI: 10.1115/1.4052048
- J9. Brambilla E., Schito P., Somaschini C., Rocchi D., “*Virtual homologation of high-speed trains in railway tunnels: A new iterative numerical approach for train-tunnel pressure signature*”, *Proceedings of The Institution Of Mechanical Engineers. Part F, Journal of Rail and Rapid Transit*, 2021, DOI: 10.1177/09544097211029164
- J10. Scarpellini A., Finazzi V., Schito P., Bionda A., Ratti A., Demir A. G., “*Laser powder bed fusion of a topology optimized and surface textured rudder bulb with lightweight and drag-reducing design*”, *Journal Of Marine Science And Engineering*, Vol. 9, Pages 1-23, 2021, DOI: 10.3390/jmse9091032
- J11. Pomaranzi G., Bistoni O., Schito P., Zasso A., “*Numerical modelling of three-dimensional screens, treated as porous media*”, *Wind and Structures*, Vol. 33, Pages 409-422, 2021, DOI: 10.12989/was.2021.33.5.409

- J12. Karimi S., Mohammadikalakoo B., Schito P., “*Performance enhancement of single dielectric barrier discharge flow control actuators by means of rear linking tunnels on a reference bluff body using CFD*”, Journal of Wind Engineering & Industrial Aerodynamics, Volume 209, Pages 1-15, 2021, DOI: 10.1016/j.jweia.2020.104488
- J13. Pomaranzi G., Bistoni O., Schito P., Rosa L., Zasso A., “*Wind Effects on a Permeable Double Skin Façade, the ENI Head Office Case Study*”, Fluids, Vol. 6, Pages 415-435, 2021, DOI: 10.3390/fluids6110415
- J14. Mancini S., Boorsma K., Caboni M., Cormier M., Lutz T., Schito P., Zasso A., “*Characterization of the unsteady aerodynamic response of a floating offshore wind turbine*”, Wind Energy Science, Vol. 5, Pages 1713 – 1730, 2020, DOI:10.5194/wes-5-1713-2020
- J15. Cioffi A., Muscari C., Schito P., Zasso A., “*A Steady-State Wind Farm Wake Model Implemented in OpenFAST*”, Energies, Vol. 13, Pages 1-16, 2020, DOI:10.3390/en13236158
- J16. Somaschini C., Argentini T., Brambilla E., Rocchi D., Schito P., Tomasini, G., “*Full-scale experimental investigation of the interaction between trains and tunnels*”, Applied Sciences, Volume 10, Issue 20, Pages 1-20, October 2020, DOI: 10.3390/app10207189
- J17. Mohammadikalakoo B., Schito P., Mani M., “*Passive flow control on Ahmed body by rear linking tunnels*”, Journal of Wind Engineering and Industrial Aerodynamics, Volume 205, October 2020, DOI: 10.1016/j.jweia.2020.104330
- J18. Somaschini C., Rocchi D., Schito P., Tomasini G., “*A new methodology for assessing the actual number of impacts due to the ballast-lifting phenomenon*”, Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit Volume 234, Issue 8, Pages 847-858, September 2020, DOI: 10.1177/0954409719866987
- J19. Longo R., Nicastro P., Natalini M., Schito P., Mereu R., Parente A., “*Impact of urban environment on Savonius wind turbine performance: A numerical perspective*”, Renewable Energy, Volume 156, Pages 407-422, August 2020, DOI: 10.1016/j.renene.2020.03.101
- J20. Zampieri A., Rocchi D., Schito P., Somaschini C., “*Numerical-experimental analysis of the slipstream produced by a high speed train*”, Journal of Wind Engineering and Industrial Aerodynamics, 196, 2020, DOI: 10.1016/j.jweia.2019.104022
- J21. Pomaranzi G., Daniotti N., Schito P., Rosa L., Zasso A., “*Experimental assessment of the effects of a porous double skin façade system on cladding loads*”, Journal of Wind Engineering and Industrial Aerodynamics, 196, 2020, DOI: 10.1016/j.jweia.2019.104019
- J22. Aubrun S., Bastankhah M., Cal R.B., Conan B., Hearst R.J., Hoek D., Hölling M., Huang M., Hur C., Karlsen B., Neunaber I., Obligado M., Peinke J., Percin M., Saetran L., Schito P., Schliffke B., Sims-Williams D., Uzol O., Vinnes M.K., Zasso A., “*Round-robin tests of porous disc models*”, Journal of Physics: Conference Series, Volume 1256, Issue 1, July 2019
- J23. Salati L., Schito P., Cheli F., “*Strategies to reduce the risk of side wind induced accident on heavy truck*”, Journal of Fluids and Structures, 88, pp. 331-351, 2019, DOI: 10.1016/j.jfluidstructs.2019.05.004
- J24. Melani P.F., Schito P., Persico G., “*Experimental Assessment of an Actuator-Line Simulation Tool for VAWTs*”, Research Topics in Wind Energy, 8, pp. 177-200, 2019

- J25. Mühle F., Schottler J., Bartl J., Futrzynski R., Evans S., Bernini L., Schito P., Draper M., Guggeri A., Kleusberg E., Henningson D.S., Hölling M., Peinke J., Adaramola, M.S., Sætran L., "Blind test comparison on the wake behind a yawed wind turbine", *Wind Energy Science*, Volume 3, Issue 2, 2018, Pages 883-903, DOI: 10.5194/wes-3-883-2018
- J26. Salati L., Schito P., Rocchi D., Sabbioni E., "Aerodynamic Study on a Heavy Truck Passing by a Bridge Pylon under Crosswinds Using CFD", *Journal of Bridge Engineering*, 23(9), 04018065, 2018
- J27. Somaschini C., Argentini T., Rocchi D., Schito P., Tomasini G., "A new methodology for the assessment of the running resistance of trains without knowing the characteristics of the track: Application to full-scale experimental data", *Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit*, 232(6), pp. 1814-1827, 2018
- J28. Rocchi D., Tomasini G., Schito P., Somaschini C., "Wind effects induced by high speed train pass-by in open air", *Journal of Wind Engineering and Industrial Aerodynamics*, 173, pp. 279-288, 2018
- J29. Salati L., Schito P., Cheli F., "Wind tunnel experiment on a heavy truck equipped with front-rear trailer device", *Journal of Wind Engineering and Industrial Aerodynamics* 171, pp. 101-109, 2017
- J30. Mereu R., Federici D., Ferrari G., Schito P., Inzoli F., "Parametric numerical study of Savonius wind turbine interaction in a linear array", *Renewable Energy* 113, pp. 1320-1332, 2017
- J31. Ferrari G., Federici D., Schito P., Inzoli F., Mereu R., "CFD study of Savonius wind turbine: 3D model validation and parametric analysis", *Renewable Energy* 105, pp. 722-734, 2017
- J32. Giappino S., Rocchi D., Schito P., Tomasini G., "Cross wind and rollover risk on lightweight railway vehicles" *Journal of Wind Engineering and Industrial Aerodynamics*, 153, pp. 106-112, 2016
- J33. Cheli F., Premoli A., Rocchi D., Schito P., Tomasini G., "Comparison between crosswind simulations of train-infrastructure wind-tunnel tests using steady and moving vehicles.", *Journal of Wind Engineering and Industrial Aerodynamics*, 156, pp. 29-40, 2016
- J34. Cheli F., Rocchi D., Schito P., Tomasini G., "Neural network algorithm for evaluating wind velocity from pressure measurements performed on a train's surface", *Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit*, 230(3), pp. 961-970, 2016
- J35. Catanzaro C., Cheli F., Rocchi D., Schito P., Tomasini G., "High-speed train crosswind analysis: CFD study and validation with wind-tunnel tests", *Lecture Notes in Applied and Computational Mechanics*, 79, pp. 99-112, 2016
- J36. Cheli F., Mariano L., Rocchi D., Schito P., Tomasini G., "Evaluation of the cross wind velocity through pressure measurements on train surface" *Lecture Notes in Applied and Computational Mechanics*, 79, pp. 143-158, 2016
- J37. Tomasini G., Giappino S., Cheli F., Schito P., "Windbreak fences for railway lines: wind tunnel experimental tests", *Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit*, Volume 230, Issue 4, 2016, Pages 1270-1282, DOI: 10.1177/0954409715596191, 2015

- J38. Salati L., Schito P., Cheli F., “*Heavy truck drag reduction obtained from devices installed on the trailer*”, SAE International Journal of Commercial Vehicles, 8(2), pp. 747-760, 2015
- J39. Premoli A., Rocchi D., Schito P., Somaschini C., Tomasini G., “*Ballast flight under high-speed trains: wind tunnel full-scale experimental tests*”, Journal of Wind Engineering and Industrial Aerodynamics, 145, pp. 351-361, 2015
- J40. Schito P., Zasso A., “*Actuator forces in CFD: RANS and LES modeling in OpenFOAM*”, J. Phys.: Conf. Ser. 524 012160, 2014; doi:10.1088/1742-6596/524/1/012160
- J41. Schito P., Braghin F., “*Numerical and Experimental Investigation on Vehicles in Platoon*”, SAE Int. J. Commer. Veh., Vol. 5:63-71, July 2012; doi:10.4271/2012-01-0175
- J42. Cheli F., Rocchi D., Schito P., Bisaglia C., Romano E., Nucci F., “*Investigation on airflow and temperature distribution in single-span greenhouses with new asymmetric vent openings using CFD*”, Acta Horticulturae (ISSN: 0567-7572), Vol. 892, p. 661-668, 2011

Patents

- P1. Italian patent n. 102021000007457, entitled “Dispositivo aerodinamico passivo per la riduzione del drag di veicoli terrestri” filed in 2021
- P2. Italian patent n. MI2014A002044, entitled “*Dispositivo aerodinamico per la riduzione del drag di veicoli terrestri*” filed in November 27, 2014

Contributions in Books

- B1. Zasso A., Perotti F., Rosa L., Schito P., Pomaranzi G., Daniotti N., “*Wind Pressure Distribution on a Porous Double Skin Façade System*”, Lecture Notes in Civil Engineering Volume 27, Pages 730-741, 2019
- B2. Giappino S., Omarini S., Schito P., Somaschini S., Belloli M., Tenni M., “*Cyclist Aerodynamics: A Comparison Between Wind Tunnel Tests and CFD Simulations for Helmet Design*”, Lecture Notes in Civil Engineering, Volume 27, Pages 336-349, 2019
- B3. Schito P., Rosa L., Zasso A., “*Definition of Wind Loads on the Riyadh Western Metro Station*”, Lecture Notes in Civil Engineering, 27, pp. 679-688, 2019
- B4. Schito P., Bayati I., Belloli M., Bernini L., Dossena V., Zasso A., “*Numerical wind tunnel tests of an open data IPC-VAWT*”, Green Energy and Technology Volume PartF10, Pages 113-122, 2018
- B5. Zasso A., Schito P., Bottasso C.L., Croce A., “*Aero-Servo-Elastic Design of Wind Turbines: Numerical and Wind Tunnel Modeling Contribution. Environmental Wind Engineering and Design of Wind Energy Structures*”, SpringerWienNewYork edn. Udine (Italy): Charalambos Baniotopoulos, Claudio Borri, Theodore Stathopoulos, pp. 97-190, 2011

Editorial

- E1. Schito P., Somaschini C., Tomasini G., Rocchi D., “*Aerovehicles 3*”, Journal of Wind Engineering and Industrial Aerodynamics, 202, 2020, DOI: 10.1016/j.jweia.2020.104262

Conference Papers

- C1. Prakash A.R., Cioffi A., Sabbioni E., Vignati M., Melzi S., Schito P., “*An analysis of truck-driver system response to crosswind in tunnel exit conditions*”, INVENTO2022, Milano (Italy), September 2022
- C2. Pomaranzi G., Aquili A., Schito P., Zasso A., “*Investigation of wind-induced tonal noise on a permeable double skin façade*”, INVENTO2022, Milano (Italy), September 2022
- C3. Patriarca C., Calamelli F., Schito P., Argentini T., Rocchi D., “*A numerical characterization of the attractor for a fluid-structure interaction problem*”, INVENTO2022, Milano (Italy), September 2022
- C4. Muscari C., Schito P., Viré A., Zasso A., Van Der Hoek D., van Wingerden J.W., “*Physics informed DMD for periodic Dynamic Induction Control of Wind Farms*”, Journal of Physics: Conference Series, Vol. 2265, Issue 2, 2022, DOI: 10.1088/1742-6596/2265/2/022057
- C5. Zhang Z., Bakhoday-Paskyabi M., Schito P., Reuder J., Zasso A., “*Wind Farm Inflow Wind Simulation based on Mesoscale and Microscale Coupling*”, Journal of Physics: Conference Series, Vol. 2265, Issue 2, 2022, DOI: 10.1088/1742-6596/2265/2/022044
- C6. Porpiglia G., Schito P., Argentini T., Zasso A., “*A numerical approach for the assessment of crosswind effects on barrier-protected trains running on bridges*”, IABSE Congress, Ghent – Belgium, 22-24 September 2021
- C7. Brambilla E., Araya Reyes C. E., Schito P., Tomasini G., “*Procedure for evaluating crosswind safety of a train running in presence of windbreaks with gap, part 1: determination of the aerodynamic loads*”, Aerovehicles 4, Berlin – Germany, 23-25 August 2021
- C8. Semeraro F. F., Schito P., “*Numerical investigation of the influence of tire deformation on different vehicle configurations*”, Aerovehicles 4, Berlin – Germany, 23-25 August 2021
- C9. Semeraro F. F., Cioffi A., Schito P., Vignati M., Melzi S., “*A fully-automated and coupled CFD-driving simulator procedure for vehicle aerodynamic design*”, Aerovehicles 4, Berlin – Germany, 23-25 August 2021
- C10. Ashgar A. R., Cioffi A., Schito P., Zasso A., “*A Dynamic Wind Farm Wake Model Implemented in OpenFAST*”, Wind Energy Science Conference, 25-28 May, Hannover – Germany, 2021
- C11. Schito P., Zasso A., Cacciola S., Croce A., Weber R., Campagnolo F., Bottasso C.L., “*Wind tunnel measurements of single and multiple wakes for a wide range of inflow conditions and wind turbines yaw misalignments and power derating*”, Wind Energy Science Conference, 17-20 June, Cork – Ireland, 2019
- C12. Schito P., Zasso A., Gomez-Iradi S., Fernández R., Chavez-Arroyo R., Doekemeijer B.M., Van Wingerden J.W., “*Sonja modelling for wind farm control strategies*”, Wind Energy Science Conference, 17-20 June, Cork – Ireland, 2019

- C13. Aubrun S., Bastankhah M., Cal R.B., Conan B., Hearst R.J., Hoek D., Hölling M., Huang M., Hur C., Karlsen B., Neunaber I., Obligado M., Peinke J., Percin M., Saetran L., Schito P., Schliffke B., Sims-Williams D., Uzol O., Vinnes M.K., Zasso A., “*Round-robin tests of porous disc models*”, Wake Conference 2019; Uppsala University's Gotland Campus Visby; Sweden; 22 - 24 May 2019
- C14. Quattromani G., Rocchi D., Sabbioni E., Salati L., Schito, P., “*A force-distribution approach to simulate the aerodynamic loads acting on a vehicle passing by a bridge tower: Comparison with CFD simulations*”, 25th Symposium of the International Association of Vehicle System Dynamics, IAVSD 2017; Rockhampton; Australia; 14-18 August 2017
- C15. Caglioni M., Schito P., Zasso A., Bernini L., “*Development of the Actuator Line Model for aerodynamic numerical simulations of Vertical-Axis Wind Turbines*”, Symposium on OpenFOAM in Wind Energy, Milano (Italy), June 2015
- C16. Ferrari G., Federici D., Schito P., “*Parametric study of aspect ratio of a two bucket Savonius Wind turbine*”, Symposium on OpenFOAM in Wind Energy, Milano (Italy), June 2015
- C17. Federici D., Ferrari G., Schito P., “*Complete 2D analysis and overlap optimization of semicircular two-bucket Savonius win rotor*”, Symposium on OpenFOAM in Wind Energy, Milano (Italy), June 2015
- C18. Fossati F., Schito P., Vandone A., Malandra M., Russo G., “*Furling Sails design for Super & Mega Sailing Yachts*”, Design & Construction of Super & Mega Yachts, Genoa (Italy), May 2015
- C19. Fossati F., Robustelli F., Schito P., Cuoci A., Dellepiane S., “*An open-source numerical model for mega-yacht aerodynamics assessment*”, Design & Construction of Super & Mega Yachts, Genoa (Italy), May 2015
- C20. Schito P., Zasso A., “*Investigation of wind characteristics at urban scale through scaled model wind tunnel tests*”, WINERCOST Workshop ‘Trends and Challenges for Wind Energy Harvesting’, Coimbra (Portugal), March 2015
- C21. Fossati F., Robustelli F., Schito P., Bertorello C., “*Experimental and numerical assessment of high speed small craft aerodynamics*”, HSMV2014, Naples (Italy), October 2014
- C22. Schito P., Zasso A., Invernizzi A., Ponzini R. “*An actuator line model for wind turbines*”, CWE2014, Hamburg (Germany), June 2014
- C23. Rocchi D., Schito P., Tomasini G., Cheli F., Premoli A., “*Numerical prediction of high speed train slipstream*”, CWE2014, Hamburg (Germany), June 2014
- C24. Cheli F., Schito P., Tomasini G., “*Numerical investigation of the effects of embankment scenario on railway vehicle aerodynamic coefficients*”, CWE2014, Hamburg (Germany), June 2014
- C25. Schito P., Zasso A., “*Wind turbine wakes: an actuator line approach*”, The Science of Making Torque from Wind 2014, Copenhagen (Denmark), June 2014
- C26. Belloli M., Giappino S., Schito P., Tenni M., “*Numerical and experimental optimization of a time-trial cycling helmet*”, INVENTO2014, Genova (Italy), June 2014

- C27. Salati L., Schito P., Cheli F., “*Heavy truck drag reduction devices installed on the trailer: front and rear appendages*”, Aerovehicles 1, Bordeaux (France), June 2014
- C28. Somaschini C., Merli M., Premoli A., Rocchi D., Schito P., Tomasini G., “*An experimental investigation on flying ballast phenomenon: on board measurements with microphones and optical barriers*”, Aerovehicles 1, Bordeaux (France), June 2014
- C29. Somaschini C., Livraghi M., Premoli A., Rocchi D., Schito P., Tomasini G., “*Ballast flight under high-speed trains: full-scale experimental tests*”, Aerovehicles 1, Bordeaux (France), June 2014
- C30. Bernini L., Caccialanza M.M., Schito P., Zasso A., “*Advanced method to evaluate angle of attack in ALM*”, 2nd Symposium on OpenFOAM in Wind Energy, Boulder (Colorado - US), May 2014
- C31. Fossati F., Robustelli F., Schito P., Cuoci A., Derudi M., DellePiane S., “*Experimental and numerical assessment of mega-yacht aerodynamic performances and characteristics*”, HISWA, Amsterdam (The Netherlands), March 2014
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