

CURRICULUM VITÆ

Alberto Costa

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Summary (1/07/2026) https://scholar.google.com/citations?user=R_TCoXkAAAAJ		
Refereed Journal Articles	h-index (Google Scholar)	Citations (Google Scholar)
26	18	1118

Education

- 09/2012 Ph.D. in Operations Research (très honorable¹)**, École Polytechnique, Palaiseau, France. [Supervisors: P. Hansen, L. Liberti, and I. Tseveendorj].
- 07/2009 M.Eng. in Computer Engineering (110/110 cum laude²)**, Università degli Studi di Padova, Italy. [Supervisor: M. Melucci].
- 09/2007 B.Eng. in Computer Engineering (110/110 cum laude)**, Università degli Studi di Padova, Italy. [Supervisor: M. Moro].

Employment History

- 07/2026 - present Associate Professor of Urban Informatics (Research)**
Singapore Management University, Urban Institute
- 03/2026 - 06/2026 Research Technical Lead**, Singapore-ETH Centre (FIREx Project)
- 10/2025 - 02/2026 Lead - AI & Optimisation Solutions**, Singapore-ETH Centre
- 03/2023 - 09/2025 Senior Researcher II**, Singapore-ETH Centre (Future Resilient Systems)
- 10/2019 - 02/2023 Senior Researcher**, Singapore-ETH Centre (Future Resilient Systems)
(from 06/2021 additional title of **Urban Resilience Cluster Coordinator**).
- 10/2018 - 10/2019 Senior Researcher**, Singapore-ETH Centre (Future Cities Laboratory)
Project Coordinator, Cyber Civil Infrastructure team. [Advisor: I.F.C. Smith].
- 10/2017 - 10/2018 Postdoctoral Researcher**, Singapore-ETH Centre (Future Cities Laboratory)
Project Coordinator, Cyber Civil Infrastructure team. [Advisor: I.F.C. Smith].
- 05/2015 - 09/2017 Postdoctoral Researcher**, National University of Singapore
Topic: robust optimization. [Advisors: M. Sim and T.S. Ng].
- 01/2013 - 01/2015 Postdoctoral Researcher**, Singapore University of Technology & Design (SUTD)
Topic: black-box optimization. [Advisor: G. Nannicini].

¹Highest mark awarded by École Polytechnique.

²With honors - highest possible grade in the Italian system.

Computer Skills

- **Programming languages:** Python, R.
- **Operating systems:** Linux (with basic knowledge of BASH), Mac OS, Windows.
- **Applications/Tools:** AMPL/Pyomo (modeling tools for optimization) with various mixed-integer linear and nonlinear optimization solvers (e.g., Bonmin, COUENNE, Gurobi, CPLEX, SCIP), ML/DL Python packages (e.g., Scikit-learn, TensorFlow, Hugging Face), Generative AI and LLMs (including prompt engineering, RAG, Agentic AI packages), L^AT_EX.
- **Certifications:** Online courses (Coursera, edX) on topics including data science, statistical inference, machine/deep learning, AI, LLM (full list available on LinkedIn), “Project management for successful researchers” organized by CUBISMA LTD (Switzerland, 2021), and “Strategic Leadership with AI and ML” (SMU Singapore, 2025).

Grants and Sponsorships

- **NRF Intracreate Grant.** Resilience Analysis on Hydrogen as a Low-Emission Fuel: Disruption Prevention, Prediction and Recovery (co-PI, 250KSGD, 1 year and 6 months started 2021)
- **FCL2 Research Impact Grant.** Funding for the development of software to implement methodologies developed by the Cyber Civil Infrastructure team (co-PI, 60KSGD, started 2019)

Awards and Competitions

- 05/2025** **Capstone Project of Generative AI course by Google,**
one of the 10 winners for project N.I.R.A.D. (making research accessible with agentic AI).
- 07/2021** **Prize “Beale - Orchard-Hays” for Excellence in Computational Mathematical Programming,**
awarded by the Mathematical Optimization Society.
Co-winner for a contribution co-authored with G. Nannicini.
- 07/2015** **GECCO Black Box Optimization Competition,**
our solver RBFOpt ranked 7th/28, and 1st among the open-source software.
- 04/2013** **Prize “Premio Banca del Centroveneto - Oggi... lo studio per domani”,**
awarded by a local bank for Ph.D.
- 09/2010** **“Concours de mathématiques pour résoudre une énigme au jeu de pile ou face”** (mathematical contest about a problem in the game heads or tails)
organized by Pixis RCS Paris A 434 463 055, Xavier Grandsart.
Co-winner with Pierre Deligne (Princeton, **Fields Medal**) and Maher Younan (University of Geneva).
- 04/2010** **Prize “Premio Banca del Centroveneto - Oggi... lo studio per domani”,**
awarded by a local bank for M.Eng.
- 04/2002** **Prize “Premio Europa crocevia di culture e speranze”,**
awarded by Lions Club for the best article in a workshop about Europe.

List of Publications

INTERNATIONAL JOURNALS (REFEREED)

- [1] S. Balakrishnan, L. Jin, B. Cassottana, **A. Costa**, and G. Sansavini, *Developing Resilience Pathways for Interdependent Infrastructure Networks: A Simulation-Based Approach with Consideration to Risk Preferences of Decision-Makers*, Sustainable Cities and Society **115**:105795. Elsevier, 2024.
- [2] **A. Costa**, T.S. Ng, J. Kang, Z. Wu, and B. Su, *Modelling fortification strategies for network resilience optimization: The case of immunization and mitigation*, IISE Transactions **56**(4): 411-423. Taylor & Francis, 2024.
- [3] **A. Costa**, T.S. Ng, and B. Su, *Long-term solar PV planning: An economic-driven robust optimization approach*, Applied Energy **335**:120702. Elsevier, 2023.
- [4] **A. Costa**, Z.-Z. Wang, S.H. Goh, and I.F.C. Smith, *A smart sensor-data-driven optimization framework for improving the safety of excavation operations*, Expert Systems with Applications **193**:116413. Elsevier, 2022.
- [5] L. Xu, T.S. Ng, and **A. Costa**, *Optimizing Disruption Tolerance for Rail Transit Networks Under Uncertainty*, Transportation Science **55**(5):1206-1225. INFORMS, 2021.
- [6] N. Bertola, **A. Costa**, and I.F.C. Smith, *Strategy to validate sensor-placement methodologies in the context of sparse measurement in complex urban systems*, IEEE Sensors Journal **20**(10):5501-5509. IEEE, 2020.
- [7] A. von Richthofen, L. Tomarchio, and **A. Costa**, *Identifying communities within the Smart-Cultural City in Singapore: a network analysis approach*, Smart Cities **2**(1):66-81. MDPI, 2019.
- [8] **A. Costa** and G. Nannicini, *RBFOpt: an open-source library for black-box optimization with costly function evaluations*, Mathematical Programming Computation **10**(4):597-629. Springer, 2018.
- [9] M. Proverbio, **A. Costa**, and I.F.C. Smith, *Sensor data interpretation with clustering for interactive asset-management of urban systems*, Journal of Computing in Civil Engineering **32**(6):04018050. ASCE, 2018.
- [10] **A. Costa**, D. Georgiadis, T.S. Ng, and M. Sim, *An Optimization Model for Power Grid Fortification to Maximize Attack Immunity*, International Journal of Electrical Power & Energy Systems **99**:594-602. Elsevier, 2018.
- [11] M. Proverbio, **A. Costa**, and I.F.C. Smith, *Adaptive sampling methodology for structural identification using radial-basis functions*, Journal of Computing in Civil Engineering **32**(3):04018008. ASCE, 2018.
- [12] **A. Costa**, E. Di Buccio, M. Melucci, and G. Nannicini, *Efficient Parameter Estimation for Information Retrieval using Black-box Optimization*. IEEE Transactions on Knowledge and Data Engineering **30**(7):1240-1253. IEEE, 2018.
- [13] B. Chai, **A. Costa**, S. Ahipasaoglu, C. Yuen, and Z. Yang, *Optimal meeting scheduling in smart commercial building for energy cost reduction*. IEEE Transactions on Smart Grid **9**(4):3060-3069. IEEE, 2018.
- [14] **A. Costa**, T.S. Ng, and L.X. Foo, *Complete mixed integer linear programming formulations for modularity density based clustering*, Discrete Optimization **25**:141-158. Elsevier, 2017.
- [15] **A. Costa**, S. Kushnarev, L. Liberti, and Z. Sun. *Divisive heuristic for modularity density maximization*, Computers & Operations Research **71**:100-109. Elsevier, 2016.

- [16] **A. Costa**, E. Di Buccio, and M. Melucci, *A document retrieval model based on Discrete Fourier Transform*, ACM Transactions on Information Systems **34**(1):6. ACM, 2015.
- [17] T. Wortmann, **A. Costa**, G. Nannicini, and T. Schroepfer, *Advantages of surrogate models for architectural design optimization*, Artificial Intelligence for Engineering Design, Analysis and Manufacturing (AIEDAM) **29**(4):471-481. Cambridge University Press, 2015.
- [18] **A. Costa**, *MILP formulations for the modularity density maximization problem*, European Journal of Operational Research **245**(1):14–21. Elsevier, 2015.
- [19] S. Cafieri, **A. Costa**, and P. Hansen, *Adding cohesion constraints to models for modularity maximization in networks*, Journal of Complex Networks **3**(3):388–410. Oxford University Press, 2015.
- [20] S. Cafieri, **A. Costa**, and P. Hansen, *Reformulation of a model for hierarchical divisive graph modularity maximization*, Annals of Operations Research **222**(1):213–226. Special Issue “ORP3-OR for Young Researchers and Practitioners”. Springer, 2014.
- [21] **A. Costa** and P. Hansen, *A locally optimal hierarchical divisive heuristic for bipartite modularity maximization*, Optimization Letters **8**(3):903–917. Springer, 2014.
- [22] **A. Costa**, *Valid constraints for the Point Packing in a Square problem*, Discrete Applied Mathematics **161**(18):2901–2909. Elsevier, 2013.
- [23] **A. Costa**, *Applications of reformulations in mathematical programming*, Ph.D. thesis abstract, 4OR **11**(3):295–296. Springer, 2013.
- [24] **A. Costa**, P. Hansen, and L. Liberti, *On the impact of symmetry-breaking constraints on spatial Branch-and-Bound for circle packing in a square*, Discrete Applied Mathematics **161**(1-2):96–106. Elsevier, 2013.
- [25] S. Cafieri, G. Caporossi, P. Hansen, S. Perron, and **A. Costa**, *Finding communities in networks in the strong and almost-strong sense*, Physical Review E **85**(4):046113. American Physical Society, 2012.
- [26] **A. Costa** and P. Hansen, *Comment on “Evolutionary method for finding communities in bipartite networks”*, Physical Review E **84**(5):058101. American Physical Society, 2011.

CONFERENCES (REFEREED)

- [27] Y. Yang, Z. Li, G. Zhang, **A. Costa**, and E. Lo, *Enhancing Resilience of Reconfigurable Power-Water Systems with Mobile Distributed Generators and High-Proportional Renewables*, ICPST 2024 Proceedings, accepted. IEEE, 2024 (**best student paper award to Y. Yang**).
- [28] **A. Costa**, M. Proverbio, and I.F.C. Smith, *Cyber Civil Infrastructure and IoT for Cities*, SSCI 2017 Proceedings, 2140–2147, Hawaii, U.S.A. IEEE, 2017.
- [29] **A. Costa**, G. Nannicini, T. Schroepfer, and T. Wortmann, *Black-box optimization of lighting simulation in architectural design*, CSD&M Asia 2014 Proceedings, 27–39, Singapore. Springer, 2015.
- [30] B. Chai, **A. Costa**, S. Ahipasaoglu, S. Huang, C. Yuen, and Z. Yang, *Minimizing Commercial Building Cost in Smart Grid: An Optimal Meeting Scheduling Approach*, IEEE SmartGridComm 2014 Proceedings, 764–769, Venice, Italy. Springer, 2014.
- [31] F. Roda and **A. Costa**, *Bipartite Modularity based clustering for Collaborative Filtering*, in A. Brieden, K. Görgülü, T. Krug, E. Kropat, S. Meyer-Nieberg, G. Mihelcic, S. Wolfgang Pickl (Eds.), CTW 2012 Proceedings, 224-227, Munich, Germany, 2012.

- [32] **A. Costa** and L. Liberti, *Relaxations of multilinear convex envelopes: dual is better than primal*, SEA 2012 Proceedings, Lecture Notes in Computer Science **7276**:87–98. Springer, Heidelberg, 2012.
- [33] **A. Costa**, S. Cafieri, and P. Hansen, *Reformulation of a locally optimal heuristic for modularity maximization*, ROADEF 2012 Proceedings, 150–153, Angers, France, 2012.
- [34] **A. Costa** and L. Liberti, *Convex envelopes of multilinear terms: the dual approach*, ROADEF 2012 Proceedings, 154–155, Angers, France, 2012.
- [35] **A. Costa** and I. Tseveendorj, *Symmetry breaking constraints for the problem of Packing Equal Circles in a Square*, in C. Luz, F. Valente (Eds.), ICORES 2012 Proceedings, 5–10, Vilamoura-Algarve, Portugal, 2012.
- [36] F. Roda, **A. Costa**, and L. Liberti, *Applications of Systems Architecture concepts*, CSDM 2011 Proceedings, Paris, 2011.
- [37] **A. Costa**, P. Hansen and L. Liberti, *Bound constraints for Point Packing in a Square*, in L. Adacher, M. Flamini, G. Leo, G. Nicosia, A. Pacifici, V. Piccialli (Eds.), CTW 2011 Proceedings, 126–129, Frascati, Italy, 2011.
- [38] **A. Costa** and F. Roda, *Recommender Systems by means of Information Retrieval*, WIMS 2011 Proceedings, **57**:1–5, Sogndal, Norway. ACM, 2011.
- [39] F. Roda, **A. Costa**, and L. Liberti, *Optimal Recommender Systems Blending*, WIMS 2011 Proceedings, **60**:1–3, Sogndal, Norway. ACM, 2011.
- [40] **A. Costa**, P. Hansen, and L. Liberti, *Symmetry breaking constraints for the circle packing in a square problem*, ROADEF 2011 Proceedings, vol. 1, 63–64, Saint-Etienne, France, 2011.
- [41] **A. Costa**, *Optimization algorithm for improving the efficacy of an information retrieval model*, in S. Cafieri, B. G.-Toth, L. Liberti, F. Messine (Eds.), TOGO 2010 Proceedings, 35–38, Toulouse, France, 2010.
- [42] **A. Costa**, P. Hansen, and L. Liberti, *Static symmetry breaking in circle packing*, in U. Faigle, R. Schrader, D. Herrmann (Eds.), CTW 2010 Proceedings, 47–50, Köln, Germany, 2010.
- [43] **A. Costa** and M. Melucci, *An information retrieval model based on Discrete Fourier Transform*, in H. Cunningham, A. Hanbury, and S. Rüger (Eds.), IRFC 2010 Proceedings, Lecture Notes in Computer Science **6107**:84–99. Springer, Heidelberg, 2010.
- [44] **A. Costa**, L. Liberti, and P. Hansen, *Formulation symmetries in circle packing*, in P. Bonami, L. Liberti, A.J. Miller, A. Sartenauer (Eds.), EWMINLP 2010 Proceedings, 219–221, Marseille, France, 2010.
- [45] **A. Costa**, P. Hansen, and L. Liberti, *Formulation symmetries in circle packing*, in M. Haouari, A.R. Mahjoub (Eds.), ISCO 2010 Proceedings, Electronic Notes in Discrete Mathematics **36**:1303–1310. Elsevier, 2010.

BOOKS

- [46] **A. Costa**, *Objective: Zero Objectives*, Amazon: <https://www.amazon.com/dp/B0BVDBND1X>, 2023.

BOOK CHAPTERS

- [47] **A. Costa** and A. von Richthofen, *Taxonomic Insights: Emerging Tool Clusters and Research Links*, in S. Cairns, D. Tunas (Eds.), Future Cities Laboratory Indicia 02, 76–79, Lars Müller Publishers, 2019.

- [48] I.F.C. Smith and **A. Costa**, *Cyber Civil Infrastructure*, in S. Cairns, D. Tunas (Eds.), Future Cities Laboratory Indicia 02, 76–79, Lars Müller Publishers, 2019.

OTHERS

- [49] **A. Costa** and R. Talamì, *A Framework for Explainable Knowledge Generation with Expensive Sample Evaluations*, Technical Report, Optimization Online, <https://optimization-online.org/?p=30370>, 2025.
- [50] **A. Costa**, *Approximations of the integral of a class of sinusoidal composite functions*, Technical Report, arXiv:2401.08080, 2024.
- [51] **A. Costa**, *A proof for multilinear error bounds*, Technical Report, Optimization Online, <https://optimization-online.org/?p=25296>, 2024.
- [52] **A. Costa** and J. Joerin, *A Robust-Stochastic Optimization Approach for a Logistic Planning Problem*, Future Resilient Systems Technical Notes Series 03, 2023.
- [53] **A. Costa**, *Some remarks on modularity density*, Technical Report, arXiv:1409.4063, 2014.
- [54] **A. Costa**, *Applications of Reformulations in Mathematical Programming*, Ph.D. Thesis, École Polytechnique, 2012.
- [55] **A. Costa**, *Solution for the problem of the game heads or tails*, Technical Report, arXiv:1012.0508, 2010.
- [56] **A. Costa**, *Detecting and breaking symmetries in circle packing*, Oberwolfach Reports **7**(3):2277–2279. European Mathematical Society, 2010.

Conferences Attended with Contribution

- **INFORMS25** (*INFORMS international meeting*), Singapore, 07/2025.
- **SSCI17** (*IEEE Symposium Series on Computational Intelligence*), Hawaii, U.S.A., 12/2017.
- **INFORMS16** (*INFORMS annual meeting*), Nashville, U.S.A., 11/2016.
- **CSD&M Asia14** (*1st Asia-Pacific Conference on Complex Systems Design & Management*), Singapore, 12/2014.
- **EURO13** (*26th European Conference on Operational Research*), Rome, Italy, 07/2013.
- **SEA12** (*11th International Symposium on Experimental Algorithms*), Bordeaux, France, 06/2012.
- **ROADEF12** (*13th annual congress of the French Operations Research Society*), Angers, France, 04/2012.
- **ICORES12** (*1st International Conference on Operations Research and Enterprise Systems*), Vialmoura-Algarve, Portugal, 02/2012.
- **CTW11** (*10th Cologne Twente Workshop on Graphs and Combinatorial Optimization*), Frascati, Italy, 06/2011.
- **WIMS11** (*International Conference on Web Intelligence, Mining and Semantics*), Sogndal, Norway, 05/2011.
- **ROADEF11** (*12th annual congress of the French Operations Research Society*), Saint-Etienne, France, 03/2011.

- **TOGO10** (*Toulouse Global Optimization*), Toulouse, France, 08-09/2010.
- **Exploiting Symmetry in Optimization** (*Oberwolfach Mini-Workshop 1034c*), Oberwolfach, Germany, 08/2010.
- **IRFC10** (*1st Information Retrieval Facility Conference*), Vienna, Austria, 05/2010.
- **CTW10** (*9th Cologne Twente Workshop on Graphs and Combinatorial Optimization*), Köln, Germany, 05/2010.
- **EWMINLP10** (*European Workshop on Mixed Integer Nonlinear Programming*), Marseille, France, 04/2010.
- **ISCO10** (*International Symposium on Combinatorial Optimization*), Hammamet, Tunisia, 03/2010.

Organization Activities

- Session Chair, *SA13 - Data Driven Decision Support and Optimization*, INFORMS international meeting, Singapore, July 2025.
- Organization of the visit of a delegation from Italy, including industrial representatives and scientist (project Open Mind), in collaboration with the Italian chamber of Commerce in Singapore and Confindustria Varese. The focus was the management of smart cities in Asia and how successful methods can be applied by industry in Europe.
- Configured and updated FRS Bounceback, a chatbot leveraging research outputs from the Future Resilient Systems program.
- Supervision of the implementation of the Future Resilient Systems Applications, i.e., translating research output into practical tools (see <https://frs.ethz.ch/applications.html>).
- Local organization tasks for the *Urban Resilience* workshop (supported by the United States National Science Foundation program AccelNet), Singapore, August 2023.
- Organization of the Thematic Workshop: “Towards and Integrated Framework for Modeling Disruption Resilience of Infrastructure Systems”, Singapore, May 2022.
- Coordination of the Cluster “Urban Resilience” at the Future Resilient Systems programme, Singapore, starting from 2021.
- Session Chair, *WB38 - Opt. Robust*, INFORMS annual meeting, Nashville, November 2016.
- Programme Committee member for the 8th Asia Information Retrieval Societies (AIRS) conference, Tianjin, China, December 2012.
- Local organization tasks for *Pretty Structures* workshop, Paris, May 2011.
- **Reviewer for international journals:** *Discrete Applied Mathematics, Computers & Operations Research, Physica A, Physics Letters A, European Journal of Operational Research, Optimization Letters, International Transactions in Operational Research, Reliability Engineering & System Safety*.

Professional Qualifications

02/2014 French National University Council (CNU) qualification for **Maître de Conférences (assistant professor)** - section 26 (applied mathematics), section 27 (computer science).

12/2009 Italian State Habilitation for Engineers.

Professional Activities and Memberships

2025-present (and 2016-2017) Member of “Institute for Operations Research and the Management Sciences” (INFORMS).

2022-present Member of Swiss Chamber of Commerce, Climate Tech Subcommitee, Singapore.

2018-2025 Member of Toastmasters International, NUS Toastmasters Club - District 80, Area Z1.

2017-2020 Member of NUS Investing Society, group leader in the Quantitative Finance department.

2010-2015 Scientific Collaborator, Information Management System (IMS) group, Department of Information Engineering, Università degli studi di Padova, Italy.

2011-2012 Substitute representative of Ph.D. students at the laboratory board, LIX, École Polytechnique, France.

2009-2012 Member of “Société française de Recherche Opérationnelle et Aide à la Décision” (ROADEF), French Operations Research Society.

Invited Talks, Seminars, and Visiting Terms

- **01-02/2024**: visiting for discussing collaboration opportunities (University of Auckland) and interactive seminar to Ph.D. students (University of Canterbury), New Zealand. Invited by Prof. Liam Wotherspoon.
- **06-11/2023**: Research Exhibition, Venice Biennale Architecture “Time Space Existence”. European Cultural Centre, Palazzo Mora, Venice, Italy.
- **10/2023**: plenary speaker and panel discussion. Science of Cities Symposium, Singapore.
- **04/2021**: webinar “Manage the worst to achieve the best: the hidden power of robust optimization”. ETH Risk Center.
- **09/2019**: plenary speaker and panel discussion. FCL Symposium, ETH Zurich.
- **10/2014**: seminar on “multilinear optimization”. IBM Singapore, invited by L. Wynter.
- **06/2014**: seminar on “black-box optimization”. IBM Singapore, invited by L. Wynter.
- **06/2013**: seminar on “black-box optimization”. École Polytechnique, invited by C. D’Ambrosio.
- **10-12/2011**: research on “clustering methods”. GERAD, HEC Montréal, invited by P. Hansen.

Teaching Experience

- Spring 2026** Prompt Engineering*, 2 hours, University of Washington (course level: graduate).
- Summer 2025** Prompt Engineering*, 2 hours, SEC (course level: professional development).
- Fall 2023** Resilience in the new age of risk*, 4 hours, ETH (course level: undergraduate).
- Fall 2022** Resilience in the new age of risk*, 4 hours, ETH (course level: undergraduate).
- Fall 2021** Resilience in the new age of risk, 4 hours, ETH (course level: undergraduate).
- Fall 2021** Optimization Modelling*, 4 hours, SEC (FRS) (course level: graduate).
- Fall 2016** Operations Research 1 (IE2110), 8 hours, NUS (course level: undergraduate).
- Spring 2013** Modeling the Systems World (10.007), 48 hours, SUTD (course level: undergraduate)

*Recordings available at <https://sites.google.com/view/alberto-costa/courses/optimization-ai>

Supervision and Tutoring

- **2024-2025:** Co-supervision (with T.S. Ng) of the final year project of Kenneth Ng Yee Kiat (NUS ISEM); a journal paper based on this project is in preparation.
- **2022-2023:** Co-supervision (with T.S. Ng) of the group project of Sim Chze Ngee Rebecca, Wilson Wee De Sheng, Toon Jun Wei, Masrashidee Masnawi, and Wong Hou Ren Kenneth (NUS ISEM).
- **2020-2021:** Co-supervision (with T.S. Ng) of the final year project of Ho Gin Isabelle (NUS ISEM).
- **2019-2020:** Co-supervision (with T.S. Ng) of the final year project of Zhou Miaomiao (NUS ISEM).
- **2016-2017:** Co-supervision (with T.S. Ng) of the final year project of Shen Yee (NUS ISEM).
- **2015-2016:** Co-supervision (with T.S. Ng) of the final year project of Lin Xuan Foo (NUS ISEM); a journal paper based on this project was published.
- **2015:** Co-supervision (with S. Kushnarev) of the summer project of Zeyu Sun (SUTD); a journal paper based on this project was published.

In the News

(videos can be found at <https://sites.google.com/view/alberto-costa/in-the-news>)

- **2024:** ISE Magazine (March).
- **2023:** Codice, La vita è digitale “Mappatura digitale perfetta”. Italian National TV (RAI 1).
- **2011:** Report “Generazione a Perdere”. Italian National TV (RAI 3).

Languages

- **Italian:** mother tongue, **English/French:** fluent, **Chinese/Spanish:** beginner.

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