



AL MAGNIFICO RETTORE
DELL'UNIVERSITA' DEGLI STUDI DI MILANO

Presti Giorgio

CURRICULUM VITAE

INFORMAZIONI PERSONALI

Cognome	Presti
Nome	Giorgio
Data Di Nascita	30/10/1982

OCCUPAZIONE ATTUALE

Incarico	Struttura
Professore a Contratto	Università degli Studi di Milano, Dipartimento di Informatica

ISTRUZIONE E FORMAZIONE

Titolo	Corso di studi	Università	anno conseguimento titolo
Laurea Magistrale o equivalente	Informatica per la comunicazione	Università degli Studi di Milano	2013
Dottorato Di Ricerca	Informatica	Università degli Studi di Milano	2017

LINGUE STRANIERE CONOSCIUTE

lingue	livello di conoscenza
Inglese	C1

PREMI, RICONOSCIMENTI E BORSE DI STUDIO

anno	Descrizione premio
2018	Best paper award per la pubblicazione "A Proposal for the Interactive Sonification of the Human Face" (CHIRA 2018)

ATTIVITÀ DI FORMAZIONE O DI RICERCA

2021: Professor of Development of Music Production Technologies at Università degli Studi di Milano, Department of Computer Science (development of audio applications in C++ language).
2017-2021: Postdoctoral researcher at Università degli Studi di Milano. (research focused on Sound and Music Computing, sound spatialization, and blind source separation).
2020: Professor of Audio Restoration Technologies at Università degli Studi di Milano, Department of Computer Science.



2018-2019: Computer science professor at Università degli Studi di Milano, Department of Agricultural and Food Sciences.

2017: Collaboration with IRCAM (Paris) and Nami Lab S.R.L. (Italy) for the realization of a prototype of a neural network based audio synthesizer (all project was developed in Python, with Tensorflow package).

2016: Seminar activity entitled "Design of sound installations: aesthetics and technologies" at Università Cattolica del Sacro Cuore, Brescia.

2014-2016: Teacher in the "Computer science applied to music" laboratory course, Department of Computer Science, Università degli Studi di Milano (the lab experiments were based on the use of Matlab).

ATTIVITÀ PROGETTUALE

Anno	Progetto
2020-2021	Approccio multidisciplinare per la messa a punto di un sistema di monitoraggio continuo in allevamenti caprini da latte mediante analisi delle vocalizzazioni (VOCAPRA)

CONGRESSI, CONVEGNI E SEMINARI

Data	Titolo	Sede
2019	First International Conference on Multilayer Music Representation and Processing (congress)	Milan, Italy
2019	2019 IEEE International Conference on Cognitive Computing (congress)	Milan, Italy
2017	13th International Symposium on Computer Music Multidisciplinary Research (congress)	Matosinhos, Portugal
2016	Design of sound installations: aesthetics and technologies (seminar)	Brescia, Italy
2016	39th International ACM SIGIR conference on Research and Development in Information Retrieval (congress)	Pisa, Italy
2015	International Conference on Sound and Music Computing (congress)	Maynooth, Ireland
2015	1st International Web Audio Conference (congress)	Paris, France
2014	Joint 40th International Computer Music Conference, and 11th Sound and Music Computing Conference (congress)	Athens, Greece

PUBBLICAZIONI

Articoli su riviste
Ludovico, L.A., Presti, G., Rizzi, A.: Audio Dynamics Automatic Equalization Inspired by Visual Perception. <i>Multimedia Tools and Applications</i> , vol. 80, pp. 11903-11915. Springer Nature, Heidelberg, Germany (2021).
Prato-Previde, E., Cannas, S., Palestrini, C., Ingrassia, S., Battini, M., Ludovico, L.A., Presti, G., Ntalampiras, S., Mattiello, S.: What's in a Meow? A Study on Human Classification and Interpretation of Domestic Cat Vocalizations. <i>Animals</i> , vol. 10(12), pp. 2390.1-2390.18. MDPI (2020). ISSN: 2076-2615



Ntalampiras, S., Ludovico, L.A., Presti, G., Prato Previde, E., Battini, M., Cannas, S., Palestini, C., Mattiello, S.: Automatic Classification of Cat Vocalizations Emitted in Different Contexts. <i>Animals</i> , vol. 9(8), pp. 543.1-543.14. MDPI (2019). ISSN: 2076-2615
Baratè, A., Haus, G., Ludovico, L.A., Presti, G.: Investigating Interpretative Models in Music through Multi-Layer Representation Formats. <i>Journal of Music, Technology & Education</i> , vol. 12(1), pp. 95-111. Intellect Ltd (2019). ISSN: 1752-7066 (print) , 1752-7074 (online)
Caccia, M., Presti, G., Toraldo, A., Radaelli, A., Ludovico, L.A., Ogliari, A., Lorusso, M.L.: Pitch as the Main Determiner of Italian Lexical Stress Perception Across the Lifespan: Evidence From Typical Development and Dyslexia. Karipidis, I.I. (ed.) <i>Frontiers in Psychology</i> , vol. 10, pp. 1-16. Frontiers Media S.A. (2019). ISSN: 1664-1078
Avanzini, F., Baratè, A., Haus, G., Ludovico, L.A., Ntalampiras, S., Presti, G.: Sound and Music Computing in Higher Education. <i>International Journal of Music Science, Technology and Art</i> , vol. 1(1), pp. 24-30. Studio Musica Press (2019). ISSN: 2612-2146
Ludovico, L.A., Presti, G., Saija, C.: A Multimodal Sound Installation for Experiential Learning. <i>Journal of e-Learning and Knowledge Society</i> , vol. 13(1), pp. 39-49. Italian e-Learning Association (Sle-L) (2017). ISSN: 1826-6223 (print), 1971-8829 (electronic)
Baratè, A., Haus, G., Ludovico, L.A., Presti, G.: Advances and Perspectives in Web Technologies for Music Representation. <i>DigitCult - Scientific Journal on Digital Cultures</i> , vol. 1(2), pp. 1-8. Aracne editrice (2016). ISBN: 978-88-548-9609-3 ISSN: 2531-5994
Ludovico, L.A., Presti, G.: The Sonification Space: A Reference System for Sonification Tasks. <i>International Journal of Human-Computer Studies</i> , vol. 85, pp. 72-77. Elsevier (2016). ISSN: 1071-5819

Atti di convegni
Bardelli, S., Ferretti, C., Ludovico, L.A., Presti, G., Rinaldi, M.: The Poetics of Digital Space: Music, Sound and Heritage Modelling. In: <i>HCII2021 Conference Proceedings - Accettato, non ancora pubblicato</i>
Ludovico, L.A., Ntalampiras, S., Presti, G., Cannas, S., Battini, M., Mattiello, S.: CatMeows: A Publicly-Available Dataset of Cat Vocalizations. In: Li, X., Lokoč, J., Mezaris, V., Patras, I., Schoeffmann, K., Skopal, T., Vrochidis, S. (eds.) <i>MultiMedia Modeling. 27th International Conference, MMM 2021, Prague, Czech Republic, June 22-24, 2021, Proceedings, Part II, LNCS</i> , vol. 12573, pp. 230-243. Springer International Publishing, Cham (2021). ISBN: 978-3-030-67834-0 (print), 978-3-030-67835-7 (online) ISSN: 0302-9743 (print), 1611-3349 (online)
Pedrini, G., Ludovico, L.A., Presti, G.: Evaluating the Accessibility of Digital Audio Workstations for Blind or Visually Impaired People. In: Constantine, L., Helfert, M., Holzinger, A., Silva, H.P. (eds.) <i>Proceedings of the 4th International Conference on Computer-Human Interaction Research and Applications (CHIRA 2020)</i> , pp. 225-232. SCITEPRESS - Science and Technology Publications, Lda. (2020). ISBN: 978-989-758-480-0 ISSN: 2184-3244
Baratè, A., Caccianiga, M., Caporali, E., Ludovico, L.A., Pinto, S., Presti, G., Sala, E., Testa, A.: Preserving and Promoting the Herbarium of the University of Milan through Digital Technologies. In: <i>Proceedings of Florence HeriTech 2020, IOP Conference Series: Materials Science and Engineering</i> , vol. 949, pp. 012066-1-012066-9. IOP (2020). ISSN: 1757-899X (online), 1757-8981 (print)
Presti, G., Ahmetovic, D., Ducci, M., Bernareggi, C., Ludovico, L.A., Baratè, A., Avanzini, F., Mascetti, S.: WatchOut: Obstacle Sonification for People with Visual Impairment or Blindness. In: <i>Proceedings of the 21th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS'19)</i> , pp. 402-413. ACM (2019). ISBN: 978-1-4503-6676-2
Curioni, V., Ludovico, L.A., Presti, G.: A (Technologically Enhanced) Sound Education: Implementation, Experimentation and Analysis of Raymond Murray Schafer's Exercises. In: Lane, H., Uhomobhi, J., Zvacek, S. (eds.) <i>Proceedings of the 11th International Conference on Computer Supported Education (CSEDU 2019)</i> , vol. 1, pp. 473-480. SCITEPRESS - Science and Technology Publications, Lda. (2019). ISBN: 978-989-758-367-4 ISSN: 2184-5026
Ahmetovic, D., Avanzini, F., Baratè, A., Bernareggi, C., Galimberti, G., Ludovico, L.A., Mascetti, S., Presti, G.: Sonification of Rotation Instructions to Support Navigation of People with Visual Impairment. In: <i>Proceedings of the IEEE International Conference on Pervasive Computing and Communications (PerCom2019)</i> , pp. 332-341 (2019). ISBN: 978-1-5386-9148-9
Avanzini, F., Baratè, A., Haus, G., Ludovico, L.A., Mauro, D.A., Ntalampiras, S., Presti, G.: Quale futuro per il formato IEEE 1599?. In: Fontana, F., Gulli, A. (eds.) <i>Machine Sounds, Sound Machines. Atti del XXII CIM - Colloquio di Informatica Musicale, Atti del Colloquio di Informatica Musicale</i> , vol. XXII, pp. 115-121. DADI - Dip. Arti e Design Industriale. Università IUAV di Venezia (2018). ISBN: 9788890341359 ISSN: 2611-7355



Bonafede, D., Ludovico, L.A., Presti, G.: A Proposal for the Interactive Sonification of the Human Face. In: Constantine, L., da Silva, H.P., Escalona, M.J., Helfert, M., Jimenez Ramirez, A. (eds.) Proceedings of the 2nd International Conference on Computer-Human Interaction Research and Applications (CHIRA 2018), pp. 163-169. SCITEPRESS - Science and Technology Publications, Lda. (2018). ISBN: 978-989-758-328-5 ISSN: 2184-3244
Ahmetovic, D., Avanzini, F., Baratè, A., Bernareggi, C., Galimberti, G., Ludovico, L.A., Mascetti, S., Presti, G.: Sonification of Pathways for People with Visual Impairments. In: Flatla, D., Hwang, F., McGrenere, J. (eds.) Proceedings of the 20th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS'18), pp. 379-381. ACM, New York, USA (2018). ISBN: 978-1-4503-5650-3
Avanzini, F., Baratè, A., Haus, G., Ludovico, L.A., Ntalampiras, S., Presti, G.: Perspectives in Education for Sound and Music Computing. In: Proceedings of the 5th International Conference on New Music Concepts (ICNMC 2018), pp. 11-27. ABEditore, Milano, Italy (2018). ISBN: 978-88-6551-278-4
Ludovico, L.A., Presti, G.: Digitization of Analog Phonic Archives in a University Lab: A Report on a Young Apprenticeship Initiative. In: Blazquez, D., de la Poza, E., Domenech, J., Merello, P. (eds.) 4th International Conference on Higher Education Advances (HEAd'18), pp. 81-89. Editorial Universitat Politècnica de València (2018). ISBN: 978-84-9048-690-0 ISSN: 2603-5871
Haus, G., Ludovico, L.A., Presti, G.: Automatic Annotation of Timbre Variation for Musical Instruments. In: Aramaki, M., Kronland-Martinet, R., Ystad, S. (eds.) Proceedings of the 13th International Symposium on Computer Music Multidisciplinary Research, Matosinhos, Portugal, September 25-28, 2017, pp. 493-504. Les éditions de PRISM (2017). ISBN: 979-10-97498009
Boccignone, G., Introini, A., Presti, G.: Audio features affected by music expressiveness : experimental setup and preliminary results on tuba players. In: Proceedings of the 39th International ACM SIGIR conference on Research and Development in Information Retrieval, pp. 757-760. ACM, New York, NY, USA (2016). ISBN: 978-1-4503-4069-4
Haus, G., Mauro, D.A., Presti, G.: TRAP : TRAnsient Presence detection exploiting Continuous Brightness Estimation (CoBE). In: Lysaght, T., Timoney, J. (eds.) Proceedings of the 12th International Conference on Sound and Music Computing (SMC-15), Maynooth, Ireland, pp. 379-385. Music Technology Research Group, Department of Computer Science, Maynooth University, Maynooth, Ireland (2015). ISBN: 978-099274662-9
Haus, G., Mauro, D.A., Presti, G.: Visualization and manipulation of stereophonic audio signals by means of IID and IPD. In: Georgaki, A., Kouroupetroglou, G. (eds.) Proceedings - 40th International Computer Music Conference, ICMC 2014 and 11th Sound and Music Computing Conference, SMC 2014 - Music Technology Meets Philosophy: From Digital Echos to Virtual Ethos, pp. 1497-1502. National and Kapodistrian University of Athens, Athens, Greece (2014). ISBN: 978-960466137-4
Mauro, D.A., Presti, G.: Continuous brightness estimation (CoBE) : implementation and its possible applications. In: Proceedings of the 10th International Symposium on Computer Music Multidisciplinary Research, pp. 967-974. Laboratoire de Mécanique et d'Acoustique, Marseille, France (2013). ISBN: 978-2-909669-23-6 ISSN: 1159-0947

ALTRE INFORMAZIONI

Le dichiarazioni rese nel presente curriculum sono da ritenersi rilasciate ai sensi degli artt. 46 e 47 del DPR n. 445/2000.

Il presente curriculum, non contiene dati sensibili e dati giudiziari di cui all'art. 4, comma 1, lettere d) ed e) del D.Lgs. 30.6.2003 n. 196.

Luogo e data: Passirano, 08/05/2021

FIRMA