

**UNIVERSITÀ DEGLI STUDI DI MILANO**

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## **Giorgio Presti**

### **CURRICULUM VITAE**

**INFORMAZIONI PERSONALI**

COGNOME	PRESTI
NOME	GIORGIO
DATA DI NASCITA	30/10/1982

**Educazione**

- 2014-2017: Dottorato in Informatica  
Università degli Studi di Milano
- 2010-2013: Laurea di II Livello in Informatica per la Comunicazione  
Università degli Studi di Milano
- 2005-2009: Laurea di I Livello in Scienze e Tecnologie della Comunicazione Musicale  
Università degli Studi di Milano
- 1997-2004: Perito Informatico  
Istituto Tecnico Industriale L. Galvani, Brescia

**Attività didattica**

- 2020: **Professor** of Audio Restoration Technologies at Università degli Studi di Milano, Department of Computer Science.  
**Professor** of Multimedia for Cultural Heritage at Accademia di Belle Arti di Brescia S. Giulia, Art Academy.
- 2019-2020: Steinberg Cubase **Certified Trainer** 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.
- 2016: Seminar activity entitled "Design of sound installations: aesthetics and technologies" at Università Cattolica del Sacro Cuore, Brescia.
- 2014-2016: **Teaching assistant** in the "Computer science applied to music" laboratory course, Department of Computer Science, Università degli Studi di Milano.
- 2012-2014: Primary education **teaching assistant**, Istituto Comprensivo di Passirano-Paderno (BS)

## Attività di relatore a convegni nazionali ed internazionali

- 2017: 13th International Symposium on Computer Music Multidisciplinary Research, Matosinhos, Portugal.
- 2016: 39th International ACM SIGIR conference on Research and Development in Information Retrieval, Pisa, Italy.
- 2015: International Conference on Sound and Music Computing, Maynooth, Ireland.
- 2015: 1st International Web Audio Conference, Paris, France.
- 2014: Joint 40th International Computer Music Conference, and 11th Sound and Music Computing Conference, Athens, Greece.

## Altre attività accademiche

- 2017-2020: **Postdoctoral researcher** at Università degli Studi di Milano.
- 2020: Peer **reviewer** for the Joint Sound and Music Computing Conference / Colloqui di Informatica Musicale (SMC/CIM 2020)  
**Member of the Program Committee** for the Special Track on "Computer Supported Music Education" in the International Conference on Computer Supported Education (CSEDU 2020).
- 2019: **Editor** of the proceedings and **Member of the Program Committee** of the First International Conference on Multilayer Music Representation and Processing (MMRP 2019).  
Peer **reviewer** for the Special Issue on "Interactions in Mobile Sound and Music Computing" in Wireless Communications and Mobile Computing Journal.  
Peer **reviewer** for the IEEE Transactions on Audio, Speech and Language Processing.
- 2018-2019: Peer **reviewer** for the Sound and Music Computing Conference (SMC 2018, SMC 2019).
- 2015: Peer **reviewer** for the 7th International Conference on Computer Supported Education (CSEDU 2015).

## Altre attività lavorative

- 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.
- 2004-2006: Audio and Video **postproduction**, and DVD Authoring at Eclisse studios, Milano
- 2000-2001: **Graphic Designer** at Blaumann Studio, Brescia

## Premi e riconoscimenti internazionali

- 2018: **Best paper award**: 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).

## Pubblicazioni su journal

- 2019: Ntalampiras, S., Ludovico, L.A., Presti, G., Prato Previde, E., Battini, M., Cannas, S., Palestrini, C., Mattiello, S.: Automatic Classification of Cat Vocalizations Emitted in Different Contexts. *Animals*, vol. 9(8), pp. 543.1-543.14. MDPI (2019).
- Baratè, A., Haus, G., Ludovico, L.A., Presti, G.: Investigating Interpretative Models in Music through Multi-Layer Representation Formats. *Journal of Music, Technology & Education*, vol. 12(1), pp. 95-111. Intellect Ltd (2019).
- 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.) *Frontiers in Psychology*, vol. 10, pp. 1-16. Frontiers Media S.A. (2019).
- Avanzini, F., Baratè, A., Haus, G., Ludovico, L.A., Ntalampiras, S., Presti, G.: Sound and Music Computing in Higher Education. *International Journal of Music Science, Technology and Art*, vol. 1(1), pp. 24-30. Studio Musica Press (2019).
- 2017: Ludovico, L.A., Presti, G., Saija, C.: A Multimodal Sound Installation for Experiential Learning. *Journal of e-Learning and Knowledge Society*, vol. 13(1), pp. 39-49. Italian e-Learning Association (Sle-L) (2017).
- 2016: Baratè, A., Haus, G., Ludovico, L.A., Presti, G.: Advances and Perspectives in Web Technologies for Music Representation. *DigitCult - Scientific Journal on Digital Cultures*, vol. 1(2), pp. 1-8. Aracne editrice (2016).
- Ludovico, L.A., Presti, G.: The Sonification Space: A Reference System for Sonification Tasks. *International Journal of Human-Computer Studies*, vol. 85, pp. 72-77. Elsevier (2016).

## Pubblicazioni in atti a convegno

- 2020: 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: *Proceedings of Florence HeriTech 2020* [accepted]
- 2019: Ahmetovic, D., Avanzini, F., Baratè, A., Bernareggi, C., Ducci, M., Ludovico, L.A., Mascetti, S., Presti, G.: WatchOut: Obstacle Sonification for People with Visual Impairment or Blindness. In: *Proceedings of the 21th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS'19)*, pp. 402-413. ACM (2019).
- 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.) *Proceedings of the 11th International Conference on Computer Supported Education (CSEDU 2019)*, vol. 1, pp. 473-480. SCITEPRESS - Science and Technology Publications, Lda. (2019).
- 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: *Proceedings of the IEEE International Conference on Pervasive Computing and Communications (PerCom2019)*
- 2018: 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.) *Machine Sounds, Sound Machines. Atti del XXII CIM - Colloquio di Informatica Musicale, Atti del Colloquio di Informatica Musicale*, vol. XXII, pp. 115-121. DADI - Dip. Arti e Design Industriale. Università IUAV di Venezia (2018).
- 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). **Best Paper Award**

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).

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).

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).

- 2017: 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).
- 2016: 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).
- 2015: 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).
- 2014: 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).
- 2013: 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).

Data

16/04/2020

Luogo

Passirano