

Track record – Fabio Paolizzo

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I focus on interactive music systems. My research takes an interdisciplinary approach, at the meeting point between informatics, musical composition and musicology.

Current

2015–to date, *Musical-Moods*. Research grant €244,269. Scientific Coordinator and Principal Investigator. Marie Skłodowska-Curie Action, Global Fellowship. University of California Irvine & University of Rome Tor Vergata. At: http://cordis.europa.eu/project/rcn/195788_en.html

2015–to date, Postdoctoral Research Fellow, Joint Appointment. Department of Cognitive Sciences and Department of Dance. University of California Irvine, USA.

2015–to date, Postdoctoral Research Fellow. Department of Electronic Engineering, University of Rome Tor Vergata, Italy.

2015–to date, *VIVO+*. Project Manager and Consultant. ERDF funding (2007-2013) €40k. Cultura Futura. ITAC srl, Accademia Nazionale di San Luca. At: <http://www.vivoplus.net>

2013–to date, EU funding & proposals management. Collaborating with various institutions worldwide for projects to be carried out within National and European funding schemes.

Last Project

2004–2014, *Video Interactive VST Orchestra (VIVO)*. Proposing, implementing and evaluating a new category of music-related software, namely wakeful musical systems, through creative practice in a number of case studies. The term wakeful means here “sign-bearing”, in relation to the potential of computers and human beings to interact in terms of exchange of signs. The research on wakeful systems draws from semiotics and psychology for implementations of music and interaction technology, with the aim of extending the investigation on the human capacity for interpretation. This investigation has shown that the users can experience a phenomenon of Collective Musical Embodiment, in VIVO. The University of Kent has released the software as open source under the GPLv3 licence. The research involved 32 artists across 10 projects, disseminated through 18 venues and 8 publications.

Publications

2014, Paolizzo, F. *The Acousmatic Years* [CD Audio]. CD Baby, UPC: 889211085040.

2013, Paolizzo, F. *VIVO (Video Interactive VST Orchestra)* [Downloadable Program]. GPLv3. Canterbury, UK: University of Kent. At: <http://fabiopazolizzo.com/pub/>

- 2013, Paolizzo, F. *VIVO: a Wakeful Instrument for Collective Musical Embodiment*. Ph.D. Thesis. Canterbury, UK: University of Kent. At: <http://fabiopaolizzo.com/paper2013a/>
- 2011, Paolizzo, F. Wakeful Software and Wakeful Musical Instruments: a Theoretical Approach to the Implementation. In: *Proceedings of the 17th International Symposium on Electronic Art (ISEA 2011)*. Istanbul, TR, September [Online]. At: <http://fabiopaolizzo.com/paper2011a/>
- 2010, Paolizzo, F. VIVO (Video Interactive VST Orchestra) and the Aesthetics of Interaction. In: Wolf, M. and Hill, A. eds. *Proceedings of Sound, Sight, Space and Play 2010 (SSSP2010)*. Leicester, UK: De Montfort University, June. At: <http://fabiopaolizzo.com/paper2010b/>
- 2010, Paolizzo, F. VIVO (Video Interactive VST Orchestra): An Interactive and Adaptive Musical Instrument for Self-Reflection in Music. In: *The International Journal of the Arts in Society*. Vol. 4(6), pp. 149–159. At: <http://fabiopaolizzo.com/paper2010a/>
- 2010, *The International Journal of the Arts in Society*. Vol. 4(6). Associate editor.
- 2008, *VIVOtube* [Downloadable Program]. GPLv3. Canterbury, UK: University of Kent. At: <http://fabiopaolizzo.com/pub/>
- 2006, Paolizzo, F. *Musica e Interazione*. Dipartimento di Arti Musica e Spettacolo (DAMS). Rome, IT: University of Rome Tor Vergata. Master Thesis. At: <http://fabiopaolizzo.com/paper2006a/>

Presentations and Concerts

- 2015, Call 4 innovators @Expo 2015. Ara Pacis, Rome, IT. VIVO+Musuem. Product Launch Presentation. Itac s.r.l., Roma Capitale, Unioncamere Lazio, Lazio Innova.
- 2015, Master in Sonic Arts, Summer school. University of Rome Tor Vergata and University of California Irvine. Rome, IT. VIVO+. Workshop presentations and teaching assistant.
- 2015, Performing the Space: Integration Among the Arts. Conservatorio di Musica “Santa Cecilia”. University of California Irvine and University of Rome Tor Vergata. Rome, IT. Music performance.
- 2015, LPM. Nuovo Cinema Aquila. Rome, IT. VIVO+. Workshop presentation, demo and music performance. Itac s.r.l. and Master in Sonic Arts.
- 2014, Flow Machines: Creativity and Universality in Language. Sony CSL and Université Pierre et Marie Curie. Paris, FR. Poster presentation.
- 2014, From Interactive Music Systems to Natural Language Processing. University of Rome Tor Vergata. Rome, IT. Workshop presentation.
- 2012, Collective. Rome, IT. Case study and music performance. PhD research, University of Kent.
- 2011, ISEA. Sabanci Center. Istanbul, TR. Conference presentation.
- 2011, LPM. Nuovo Cinema Aquila. Rome, IT. Case study and music performance. PhD research, University of Kent.
- 2011, Audio and the Interactive Arts. University of Kent. Medway Campus, UK. Conference curator and presentation.
- 2011, Velodrone. Creative Campus Initiative in support of the Olympic Games of London 2012. Slipstream programme and Fuse Medway Festival. National daily newspaper: The Guardian. Rochester Castle, UK. Project manager and case study. PhD research, University of Kent.
- 2010, SSSP. Music, Technology and Innovation Research Centre of De Montfort University. Leicester, UK. Conference presentation.
- 2009, Le 5 Giornate di Roma. Rome, IT. National television broadcast: TG3; international television broadcast: Sky TG24. Project manager and music performance leader.
- 2009, I Fisici. Hotel delle Palme and Centro delle Arti Teatrali. Palermo, IT. Music performance leader.
- 2009, All Composers. Sheffield University. Sheffield, UK. Workshop presentation.

2009, Laptop Music (unrelated to: Aesthetic Dimension of Visual Culture). Prague Castle, CZ. Music performance.

2009, Out of the Box. City University. London, UK. Music workshop.

2009, Art in Society. Palazzo Cavalli Franchetti Istituto Veneto di Scienze Lettere ed Arti. Venice, IT. Conference presentation.

2009, Siana. Télécom & Management SudParis and Théâtre de l'Agora. Evry, FR. Conference presentation.

2008, Emufest. Conservatorio Santa Cecilia. Rome, IT. Conference presentation and music installation.

2008, Naima, La dama del lago. Exposicion Internacional de Zaragoza. El Faro. Zaragoza, SP. Theatre music performance.

2008, Evento sonoro. S.M.S. "Dario Pagano". Rome, Italy. Musical performance/workshop leader.

2007, Mut/azione Sonora. Bertold Brecht Theatre. Formia, IT. Project manager and music performance.

2005, SoundLAB Channel. <http://www.newmediafest.org/> Permanent on-line museum, musical composition.

2005, Sculpture. Hotel du Departement. Montauban, FR. Music installation.

2005, Sinestesia, Pittura e Musica. University of Rome Tor Vergata. Rome, IT. National television broadcast: RAI Doc. Students supervisor and music performance leader.

2004, Colloqui2. Studi Aperti Roma. Rome, IT. Music installation.

2004, Colloqui. University of Rome Tor Vergata. Rome, IT. Students supervisor and music installation.

2003, What's Next. Goethe Institute, Nuova Consonanza. Rome, IT. National radio broadcast: Radio RAI. Finalist of the contest for musical compositions.

2003, Nuit Bleu. Saline Royale d'Arc et Senans. Doubs, FR. Music performance.

2003, Il Pensiero Elettronico. Teatro Massimo. Palermo, IT. Music performance

2002, The Science of Sounds, UCM. University of Naples. Caserta, IT. Music performance.

2001–2005, Tor Vergata d'Autore eds. I, II, III, IV, V. Metadiapason, with: Giancarlo Schiaffini, Eugenio Colombo, Guido Baggiani, Walter Branchi and Mario Bertoncini. University of Rome Tor Vergata, Conservatorio Santa Cecilia, and Conservatorio di Frosinone. Rome, IT. Conferences curator and music performances curator. Conference presentations and music performances.

Awards

2015–17, Musical-Moods. Research grant €244,269. Scientific Coordinator and Principal Investigator. Marie Sklodowska-Curie Action, Global Fellowship (Research Fellow). Department of Electronic Engineering, University of Rome Tor Vergata, Italy.
At: http://cordis.europa.eu/project/rcn/195788_en.html

2010–11, Postgraduate Experience Awards. University of Kent, UK.

2008–10, Full Scholarship for Ph.D. Research, University of Kent, UK.

2001–03, Full Scholarship for B.A. and M.A. studies, University of Rome Tor Vergata. Rome, IT.

Education

2013, Ph.D. in Music and Technology. University of Kent, UK. Supervisors: Paul Fretwell (School of Arts), Colin Johnson (School of Computing).

2006, B.A. (Hons) and M.A. (Hons) in Musicology, summa cum laude. University of Rome Tor Vergata, IT. Supervisors: Giorgio Nottoli, Agostino Ziino. Long term studies with: Gino Stefani, Gianfranco Dalmasso, Guido Zingari, Agostino Ziino, Kazimierz Morski, Giorgio Nottoli.

1996, High School Diploma in Computer Programming for Accounting and Finance. I.T.C. F. Crispi. Palermo, IT.

Teaching

2014–15, Junior Secondary School Teacher in Music Practice, Music Theory, History of Music. I.C. Gramsci. Pavona, IT.

2009–10, Graduate Teaching Assistant in Music Composition. University of Kent, UK.

2009–10, Graduate Teaching Assistant in Audio Application Development. University of Kent, UK.

2009–10, Group leader in Interactive Music and Systems. Interactive Music Group. University of Kent, UK.

2008–09, Graduate Teaching Assistant in Interactive Media. University of Kent, UK.

2008–09, Graduate Teaching Assistant in Audio Application Development. University of Kent, UK.

2006–07, Secondary School Teacher in Electronic Music. I.I.S.S. "J. Piaget". Rome, IT.

2003–06, Graduate Teaching Assistant in Electronic Music. University of Rome Tor Vergata, IT.

Designing modules, setting and marking coursework. Delivering lectures and practicals. Supervising and coaching both undergraduate and graduate students in individual and team work. Curating external artists' activities related to the class. Community outreach work for the institutions. Refining teaching skills, tasks and methods.

Curatorial

2006–11, Independent curator.

2000–04, Curator for Metadiapason.

Curating experience in arts events, conferences, seminars and workshops. Funding identification and application, consideration of local and trans-local economic and social bodies through a prior understanding of targeted economies, social issues and needs. Exchange and collaboration with institutions (local, non-local and transnational), in terms of joint-research support and mutual contributions. Dissemination of specific projects, human resources and facilities to gain public visibility and spread critical awareness.

IT Work

2007–08, System Administrator. Murmex, CNA (National Confederation of the Craft Sector and Small and Medium Enterprises). Rome, IT. Voispeed, GAT, MySQL. Improving efficiency and productivity in the adopted technologies.

Administration

2013–to date, EU funding & proposals management. Collaborating with various institutions worldwide for projects to be carried out within National and European funding schemes.

2002–04, Office Services Assistant. University of Rome Tor Vergata, Italy. Working in the student administrative office for the office services management.

Programming languages

Education: C++, BASIC, COBOL.

Academic: Max/MSP/Jitter, Pure Data, Csound.

Web: Processing, Processing.js, JavaScript, HTML, CSS, PHP, SQL, ActionScript 2.0–3.0 (Flash, AIR).

IT Keywords: Adaptive interfaces, Algorithmic Composition, Artificial Intelligence, Audio Signal Processing, Interactive Music Systems, Language Processing, Local and Remote Real-Time Musical Networks, Motion Analysis, Music Mood Recognition, Real-Time Data Visualisation, Sensors Feedback and Multi-Modal Interaction (from Environmental to Biological and Algorithmic), Spatial Audio, Video Tracking, Web Platforms and Social Networks for Music Production.