CURRICULUM VITAE

Name: Giovanni Santini
Nationality: Italian
Date of Birth: 21/02/1986
Place of Birth: Pietrasanta(LU) – Italy
Phone: +852 95139011
E-mail: info@giovannisantini.com
Website: www.giovannisantini.com

Current full-time position

Hong Kong Postdoctoral Fellow at Hong Kong Baptist University, Music Department

Other positions

Unity specialist for Hong Kong Apps Resource Center

Founder of Santini Digital, partner of the multinational Zuhlke, software provider for businesses

Education and Academic Experience

2020-2021   Research Assistant at City University of Hong Kong

2017-2020   PhD in Music at Hong Kong Baptist University. Thesis: *Explorations in the use of Augmented Reality for interactive gesture-based music notation*

2018   Startup Semester at UC Berkeley, SCET (*Sutardja Center for Entrepreneurship and Technology*)

2014-2016   Specialized Master in Composition - Basel Hochschule fur Musik (Pass)

2011-2014   MA in Composition and Theory – Conservatorio della Svizzera Italiana (6/6)

2014   Harvard Summer Composition Institute

2012-2013   Electronic Music Courses – Milano Scuola Civica di Musica

2006-2011   Italian Diploma in Composition – Conservatorio G. Puccini, La Spezia (10/10)

2007-2010   MA in Piano Performance – Istituto Musicale P. Mascagni, Livorno (110/110)

1996-2007   Italian Diploma in Piano Performance – Istituto Musicale L. Boccherini, Lucca (10/10)

Publications (sole author)

2020   *Augmented Piano in Augmented Reality* accepted for publication in *New Interfaces for Musical Expression Conference 2020 (NIME 2020)* proceedings

2020   *Composition as an embodied act: a framework for the gesture-based creation of Augmented Reality action scores* accepted for publication in *Sound and Music Computing Conference 2020 (SMC 2020)* proceedings

2020   *Action scores and gesture-based notation in Augmented Reality* accepted for publication in *TENOR 2020 International Conference on Technologies for Music Notation and Representation*

2019   *Composing space in the space: an Augmented and Virtual Reality sound spatialization system* in *Proceedings of Sound and Music Computing Conference (SMC '19)*

2019   *Synesthesizer: Physical Modelling and Machine Learning for a color-based synthesizer in Virtual Reality* in *Lecture Notes on Computer Science (LNCS)*

2018   *LINEAR (Live-generated Interface and Notation Environment in Augmented Reality)* in *TENOR 2018 International Conference on Technologies for Music Notation and Representation*

2012   *Combat de Centaures* (music score) – Ars Publica

Articles in peer review

2021   *LINEAR: a multi-device Augmented Reality application for musical performance, improvisation and education,* Santini, G., submitted to Innovation in Music Conference

2021   *The ALMS Project - Mobile Technology for the Instruction of Music Technology*, Keyes, C., Santini, G., Chow, E., Naidu, S., submitted to AES International Conference on Audio Education

2021   *Perceived Similarities Between Classes of Colors and Classes of Timbres,* Mannone, M., Santini, G. submitted to Leonardo

Current research and arts projects

PreSense: A Software for VR/AR Music Making, Postdoctoral project

AI-navigated Software for the Creation of Interactive Intermedia Art in Virtual Reality Environment - Virtual Creativity (Team project in collaboration with the Computer Science Department)

AR-based music education: an extensive review (2013-2021), article

Metaverse, VR ballet

Taught Courses

2021	Music, science and technology - Hong Kong Baptist University (guest instructor)

2021   Unity Workshops – Hong Kong Baptist university

2021   Introduction to VR/AR – Xccelerate (Online format)

2021   Immersive Arts for Beginners – Xccelerate (Online format)

2021   Python and Data Visualization for Management Student – City University of Hong Kong (Online format)

2021   Contemporary Music Workshop – Guest teacher, Hong Kong Baptist University

2020   Contemporary Music Workshop – Guest teacher, Hong Kong Baptist University

2020   Python and Data Visualization for Management Student – City University of Hong Kong (Online format)

2020   M_Tech: Machine Learning and Python for Management Student – City University of Hong Kong (Online format)

2019   Explorations in Creative Composition – Teaching Assistant at Hong Kong Baptist University

2019   Music Technology I – Teaching Assistant at Hong Kong Baptist University

2019   Electroacoustic Music – Teaching Assistant at Hong Kong Baptist University

2018   Music Technology II – Teaching Assistant at Hong Kong Baptist University

2017   Music Technology I – Teaching Assistant at Hong Kong Baptist University

Conferences and workshops

2021   Improvise! Symposium – Hong Kong/Zurich – Online format

2021   TENOR Conference – Hamburg (Germany) – Online format

2020   New Interfaces for Musical Expression (NIME '20) – Birmingham (UK) – Online format

2020   Sound and Music Computing Conference (SMC '20) – Turin (Italy) – Online format

2019   Innovation in Music Conference (InMusic'19) – London (UK)

2019   IRCAM Workshops at Shanghai Conservatory – Shanghai

2019   GeKiPe Workshop at Geneve Conservatory – Geneve (Switzerland)

2019   Sound and Music Computing Conference (SMC'19) – Malaga (Spain)

2019   Mathematics and Computation in Music (MCM '19) – Madrid (Spain)

2019   IRCAM Workshops at IRCAM – Paris (France)

2018   Sound and Music Computing Conference 2018 (SMC '18) – Limassol (Cyprus)

| 2018 | World Saxophone Congress 2018 – Zagreb (Croatia) |
| 2018 | TENOR Conference – Montréal (Canada) |

IT Competencies

Development Frameworks

Unity

XCode

Programming languages

Python (with numpy, pandas, scikit-learn, tensorflow)

C#

Swift

Obj-C

Max/MSP

Supercollider

Other software

Maya

Reaper

ProTools

Logic

Finale

Sibelius

Photoshop

GIMP

Ircam Tools (Spat, CataRT, Modalys etc.)

CDs

2019	*Another elusive place* for saxoschlauch and live electronics featured in the CD *Grido* recorded by M. Bianchini – *Ars Publica*
2013	*Steps, Vol.2* by P. Seabourne recorded for Sheva Contemporary (as pianist)
2011	*Eltit* recorded for Sheva Contemporary (as composer)
2011	*Quattro miniature* by M. Usai recorded for Sheva Contemporary (as pianist)
2007	*Fantasia quasi sonata "Dopo una lettura di Dante"* by F.Liszt recorded for Suonare News (as pianist)

Selected Creations and Commissions as composer/multimedia artist

2020-2021   *Essere* (VR Experience for interactive media) – Commissioned by the Hong Kong Arts Development Council

2020   Sound engineer for the installation/opera *Aria*, by E. Birman and Kingsley Ng (performed at Hong Kong Park)

2020   *Studi sulla realtà nuova* (Augmented Piano, AR environment, live-electonics, video)

2019   *Portale* (tam-tam, AR score, AR interfaces, live-electronics, video)

2018   *Another elusive place* (saxoschlauch, interactive media score, electronics) for Michele Bianchini

2017   *A womb* (ensemble) for Ensemble Multilatérale

2016   *Volvitur* (for 2 pianos and 2 percussions) for Festival Musica Strasbourg

2016   *Hidden Voices* (ensemble and amplified found objects) for Ensemble Phoenix Basel

2016   *Aggressivo* (accordion) for Impuls Festival Graz

2015-2016   *An elusive place to live…to leave* (flute and electronics) for festival Attacca, Basel

2015   *Teen Dante* (musical for 15 singers, large amplified ensemble and electronics) for RSI (Swiss Radio and Television)

2014   *Downfall* (for ensemble) for Talea Ensemble

2013   *All'Angelo Blu* (musical for 8 singers and small ensemble) for RSI (Swiss Radio and Television)

Selected performances and showcases

2021   Improvise! Workshop

2021   Performance of *Portale* for Interactive Augmented Reality system and tam-tam at *Klingt Gut International Symposium* – Hamburg (D)

2019   Ensemble *via nova* playing *Fractures* – Thueringer Landesmusikakademie, Sondershausen (D)

2019   *IRCAM Workshops*, presentation of Augmented Reality notation system – IRCAM, Paris (F)

2018   *AR/VR Retreat*, international showcase in Silicon Valley – Berkeley (US)

2018   *RedBull hack the hits*, new digital instrument building hackathon – *MHub*, Chicago (US)

2018   *Fractures* played by Via Nova Ensemble – Erfurt (Germany)

2018   *your body….your voice* played by Vertixe Sonora Ensemble – Santiago de Compostela (Spain)

2018   *LINEAR* Augmented Reality interactive performance at Sound and Music Computing Conference '18 (SMC 18) – Limassol (Cyprus)

2018   *Another elusive place* played by Michele Bianchini – Ionian University (Greece)

2018   *Another elusive place* played by Michele Bianchini at the World Saxophone Congress, Zagreb University (Croatia)

2018	*LINEAR* Augmented Reality interactive performance at Open Circuit Festival – Liverpool (GB)
2017	*Tre spiragli nella notte* played at Impuls Festival – Graz (Austria)
2016	*Volvitur* played at Festival Musica – Strasbourg (France)
2015	*Teen Dante* played at LAC Theatre – Lugano (Switzerland)
2015	*Teen Dante* played at Comano RSI TV Studios – Lugano (Switzerland)
2014	*Downfall* played by Talea Ensemble at Harvard Paine Hall – Boston (US)
2013	*All'Angelo Blu* played at RSI (Swiss Radio and Television) Studio 2 – Lugano (Switzerland)
2013	*All'Angelo Blu* played for *'900 e presente* season – Lugano (Switzerland)

Broadcasts

2016	*Teen Dante*, RSI TV La2
2016	*Teen Dante*, RSI Radio2
2015	*Teen Dante*, RSI TV La 2
2015	*Teen Dante*, RSI Radio2
2014	*All'Angelo Blu*, RSI Radio2
2013	*All'Angelo Blu*, RSI Radio2
2013	*Senza Titoli*, Sky Classica
2012	*Senza Titoli*, Sky Classica

Prizes and Awards

2021	Hong Kong Postdoctoral Fellowship
2020	*University of Shanghai John Yuen Memorial Scholarship*
2020	Honour Mention at *Thailand New Music and Arts Symposium*
2019	*Madam Sin Hang* Fellowship – Hong Kong Baptist University
2018	Honour Mention at *Neuverband International Composition Competition*
2017	Winner of *LIVE! International Call for Scores* (mdi Ensemble)
2017	Special Mention *at IlSuono International Composition Competition*
2016	Winner of *MotoContrario Call for Scores*
2016	Recipient of *Movin'up* grant awarded by the Italian Ministry of Culture
2016	Honour Mention at *Ossia International Composition Competition*
2013	*All'Angelo Blu* finalist at Prix Europa Berlin as Best Radio Music Programme of the Year 2012
2012	Honour mention at International Music Tournament for *Tema d'una Meta*
2012	Honour mention at International Music Tournament for *Combat de Centaures*

2012	Honour mention at GAM International Music Competition for *Combat de Centaures*
2009	3rd prize at Riviera Etrusca National Piano Competition
2008	3rd prize at Riviera di Rimini International Piano Competition
2008	Awarded of the Rotary Club Mascagni Scholarship
2007	1st Prize at Castrocaro National Competition (Best Italian Music Diploma 2006)
2001	1st Prize at Riviera della Versilia National Competition

Selected work experiences as pianist/performer

2020	Piano recital, Teatro Granducale (Seravezza, I)
2019	Piano recital, museum of Ancient Cultures (Tuebingen, D)
2019	Conductor of E. Birman's *Imago Dei* for string orchestra, Osage Space (Hong Kong)
2018	Laptop player in ensemble, *Open Circuit Festival* (Liverpool, GB)
2018	Laptop player in ensemble, *World Saxophone Congress* (Zagreb, HR)
2015	Vocal coach for *Teen Dante*, RSI (Swiss Radio and Television) (Lugano, CH)
2014	Solo concert on Contemporary Italian Composers (Tübingen, D)
2014	Piano duo *Balbec* concert, Pianocity festival (Milano, I)
2013	K. Stockhausen, *Mixtur*, with Ensemble '900, dir. A. Tamayo (Lugano, CH)
2012	Solo concert on Contemporary Italian Composers (Basel, CH)
2013	G. Rossini, *Petite Messe Solennelle* (Dome of Massa, I)
2013	Vocal coach for *All'Angelo Blu*, RSI (Swiss Radio and Television) (Lugano, CH)
2012	Chamber music concert, Teatro Civico (Pisa, I)
2012	Concert with Corale Gugliemi (Pecz, H)
2011	Solo recital, Auditorium Libreria (Gubbio, I)
2011	P. Seabourne, *Steps vol.II*, solo recital (Tübingen, D)
2011	Chamber music concert, Teatro Civico (Ancona, I)
2010	Opera selection concert, conservatorio L. Boccherini (Lucca, I)
2010	Chopin, *Piano Concerto n. 1*, with *Banja Luka* Simphony orchestra (Carrara, I)
2009	Solo recital, Auditorium Libreria (Gubbio, I)
2009	De Falla, *El Amor Bruco*, Mascagni Orchestra, Teatro Goldoni (Livorno, I)
2009	Chamber music concert, Teatro del Giglio (Lucca, I)
2008	Mozart, *Piano Concerto K466*, with *L. Boccherini* orchestra (Firenze, I)
2008	Mozart, *Piano Concerto K466*, L. Boccherini orchestra (Lucca, I)
2007	Solo recital, Auditorium Civico, *Best Italian Diploma festival* (Castrocaro, I)
2006	Solo recital, Sala Amici della Musica (Viareggio, I)
2005	Accompanist for the opera *Un Ballo in Maschera* by G. Verdi (Orvieto, I)