Andrea Franceschini

✉ andrea.franceschini@gmail.com
🌐 www.andreafranceschini.org
nationality   Italian

education

April 2012 – present
degree   **Ph.D.** in Computing (Sound and Music Computing, HCI)
institution   **The Open University (UK)**
thesis title   Learning to use melodic similarity and contrast for narrative
using a Digital Tabletop Musical Instrument
supervisors   Dr Robin Laney, Mr Chris Dobbyn

October 2008 – March 2009
Erasmus, M.Sc. research and development on the Reactable
institution   **Universitat Pompeu Fabra**, Music Technology Group, (Spain)
supervisor   Sergi Jordà

December 2006 – June 2010
degree   **Laurea Magistrale** (M.Sc.) in Computer Science and Engineering
institution   **Università degli Studi di Padova (Italy)**
thesis title   A practical approach to Music Theory on the Reactable
advisor   Prof. Giovanni De Poli

October 2002 – December 2006
degree   **Laurea** (B.Sc.) in Computer Science and Engineering
institution   **Università degli Studi di Padova (Italy)**
thesis title   Schematizzazione di uno scheduler ciclico statico per
applicazioni embedded in ambiente Windows CE
advisor   Dr Michele Moro

teaching experience

October 2011 – November 2011
school   **Istituto di Istruzione Superiore di Lonigo**
role   **Full-time supply teacher** (A035, Electrical Engineering and Applications)

October 2002 – June 2010
role   **Private tutor** (mathematics, computer science, electronics, electrical engineering)
for High School and University students

work experience

2006 – present
role   **Freelance developer** (iOS, web)
activities   **Web sites**, mostly for the classical music industry
iOS applications, mostly small- to mid-sized projects such as
exhibition guides, citizen engagement, interactive books for children, and casual games
some clients   **Sintetik, Kina** (see last page)
some technologies   Drupal, CakePHP, Ruby on Rails, iOS SDK

other languages	english	**fluent** (speaking, reading, writing)	
	spanish	**fluent** (reading, writing), **intermediate** (speaking)	
	german	**working on it**	

skills	programming	**experienced**	C, C++ (C++11, Qt), Objective-C, Processing, HTML, PHP, Ruby, Pure Data
		familiar	JavaScript, XML, SQL, x86 and ARM assembly for system programming
		learning	R, Julia, Swift

system admin experience in **configuration and management of Linux** for desktop use and development environments (client and server)

organisation acquainted with the basics of **project management**, some experience in co-ordinating a small group of developers

artistic **experienced drummer** (studio and live, teaching), basics of guitar, and piano

basics of **composition and songwriting** (classical, pop, experimental)

author of **comic strips and illustrations** (paper, pencil, Adobe Photoshop and Illustrator, and Inkscape)

film and digital photographer, experienced in digital processing, acquainted with chemical film processing and printing

courses and certifications February 2011

certificate **Authorisation to practice as Information Engineer** (equivalent to Chartered Engineer)

institution **Ordine degli Ingegneri della Provincia di Vicenza, Italy**

June 2000

certificate **Amateur Radio Operator licence**

institution **Sezione ARI di Vicenza** (Italian Amateur Radio Association)

publications refereed papers A. Franceschini, R. Laney, C. Dobbyn (2014) Learning musical contour on a tabletop. In *Proceedings of the joint ICMC-SMC 2014*, Athens, Greece.

A. Franceschini (2010) Towards a practical approach to music theory on the Reactable. In *Proceedings of SMC 2010*, Barcelona, Spain.

posters A. Franceschini, R. Laney, C. Dobbyn (2014) Sketching Music. *ICMC-SMC 2014*, Athens, Greece

A. Franceschini, R. Laney, C. Dobbyn (2013) A study of contour in music using digital tabletop musical instruments. *DMRN+8*, London, UK.

magazine articles A. Franceschini (2011) Estendere Drupal: scrivere moduli personalizzati. *Linux&C*, 75. Piscopo Editore.

A. Franceschini (2011) Creare temi e pagine personalizzate per Drupal. *Linux&C*, 74. Piscopo Editore.

A. Franceschini (2011) Drupal: web content manager potente e flessibile. *Linux&C*, 73. Piscopo Editore.

A. Franceschini (2011) Inkscape: impariamo a dominare tracciati e colori. *Linux&C*, 67. Piscopo Editore.

A. Franceschini (2011) Inkscape: fare grafica vettoriale con Linux.
Linux&C, 65. Piscopo Editore.

talks

Qualitative Data Analysis. Workshop, ESSD-HCI seminar series
March 2015, The Open University, UK

Music lessons on a tabletop. Invited seminar, 26 September 2014
Experimental Music Lab, Università di Trento, Italy

other references

programming   www.github.com/Morpheu5
research   www.andreafranceschini.org
other skills   www.morpheu5.net

selected works **Sintetik** – www.sintetik.it
- **Da grande voglio fare l'astronauta**, interactive children book – on.be.net/1FE26u2
        story and graphics by Fausto Montanari
- **Vinitaly**, catalogue and guide – apple.co/1LJvHDM
        backend development (server) and client-server communication

Kina – www.kina.it
- **X DataNet**, Drupal web site – xdatanet.com
        configuration, management, and theme for Drupal

Reale Corte Armonica – www.realecortearmonica.it

Roberto Zarpellon – www.robertozarpellon.it