

CURRICULUM VITAE OF DR. ANTONELLA RADICCHI

PERSONAL INFORMATION

Full name Antonella Radicchi
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BRIEF PROFILE

- Registered architect
- April 20 2010: PhD Urban Design and Territorial Planning
- Currently: Ipodri-Marie Curie Fellow at Technical University Berlin
- Research interest: innovative urban design and planning, soundscape studies, citizen science, new technologies
- Teaching experiences in the area of urban design and planning, soundscape studies, sensory mapping

ACADEMIC CAREER

2018 – 2020 Senior Scientist & HEAD-Genuit Fellow
Technical University of Berlin, Institute of City and Regional Planning, Berlin (DE)
04/2018- 03/2020: Head of the “Hush City Mobile Lab”

2016 – 2018 Scientist & Marie Curie Fellow
Technical University of Berlin, Institute of City and Regional Planning, Berlin (DE)
04/2017- on: Inventor and Project Manager: “Hush City” citizen science project
04/2016-03/2018: Principal Investigator: “Beyond the Noise: Open Source Soundscapes” project

2013-2014 Adjunct Lecturer
University of Ferrara, Faculty of Architecture, Ferrara (IT)

2012-2013 Adjunct Lecturer
University of Roma Tre, Faculty of Architecture, Rome (IT)

2011 – 2013 Research Associate
Tempo Reale - Center for Music Production, Research and Education, Florence (IT)
09/2011-08/2013: “Listening cities” project

2011 – 2013 Adjunct Professor
Kent State University, College of Architecture & Environmental Design, Florence (IT)

2010 – 2011 Adjunct Professor
University of Firenze, Faculty of Architecture, Florence (IT)

2007 – 2008 Rotary International Ambassadorial Scholar
MIT, School of Architecture and Planning, Cambridge (USA)

PROFESSIONAL PRACTICE

2015 Curator of *Toscana Sound Map* commissioned and exhibited at the 2015 EXPO in Milan (IT)
2014 – 2015 Researcher and editor, National Institute of Architecture, Rome (IT)
2012 Researcher and member of the curatorial team, Italian Pavilion, 13th Architecture Venice Biennial
2009 – now Curator of *Firenze Sound Map* (endorsed by the Municipality of Florence (IT) since 2013)
2006 – 2015 Freelance architect and urban designer. Collaborations with Italian and foreign architecture and urban design firms such as: Atelier Le Balto (DE), Archea Associati (IT), Organization for Permanent Modernity (USA), *et al.*

EDUCATION

2006- 2009 Ph.D (honors), University of Firenze, Faculty of Architecture, Florence (IT)
Date of defense: April 20 2010
Dissertation: "Sull'immagine sonora della città" ("On the Sonic Image of the City")
Supervisor: Prof. Maurizio Morandi
2012 Master in Environmental and Architectural Acoustics, University of Roma Tre, Rome (IT)
2005 Laurea in Architecture (Magna cum Laude), University of Firenze, Faculty of Architecture, Florence (IT)

RESEARCH FUNDINGS

Third-party funds as applicant and principal investigator

2018 – 2020 HEAD-Genuit Foundation Research Grant: "Hush City Mobile Lab"
2016 – 2018 Ipodì-Marie Curie Fellowship: "Beyond the Noise: Open Source Soundscapes"

GRANTS, SCHOLARSHIPS, AWARDS

2017 American Society of Acoustics Travel Grant
2017 HEAD-Genuit Foundation Travel Grant
2016 Technical University of Berlin Career Development Grant
2007 – 2008 Rotary International Ambassadorial Scholarship
2006 – 2009 Italian Ministry of Research, Doctorate School Fellowship
2017 Technical University of Berlin Award for the master project "Light- and Soundscapes of the Night Berlin/Florence" (2nd placement)
2016 Falling Walls Young Innovator of the Year 2016, Finalist
2012 City of Firenze Research Award for best dissertations to be published a single authored book
2010 National Institute of Urbanism: Best Italian Dissertation In Urban Planning Award

RESEARCH SERVICES AND AD HOC REVIEWER

- 2016 – now External expert evaluator and rapporteur in the framework of Horizon 2020, EC, Executive Research Agency, Bruxelles (BE)
- 2017 – 2016 Member of the Editorial Advisory Board for the book “*Perception-Driven Approaches to Urban Assessment and Design*”, IGI Global Publisher (forthcoming Spring 2018)
- 09/2015 External reviewer of research projects, University of Applied Sciences and Arts of Southern Switzerland, Manno (CH)

WORKSHOPS, CONFERENCES ORGANIZATION AND SOUNDWALKS

Workshops and conferences organization

- 08/2018 Co-organizer of the conference session “Apps, Social Media and Virtual Reality as Soundscape Evaluation Tools”, Internoise 2018, 26-29 August 2018 Chicago (USA)
Together with: Prof. Schulte-Fortkamp, Andy Chung
- 06/2018 Co-organizer of the community conference on Noise and soundscape in the Reiuterkiez, Berlin” and of the screening of the film “In Pursuit of Silence”
Together with: Stadtteilbuero Reuterkiez Berlin
- 04/2018 Member of the scientific and organizational committee of the International Symposium “Paesaggi sonori/Soundscapes”, 26-27 April 2018 Pistoia (IT)
- 07/2015 Chair of the session; “Research on Soundscape”, XXII International Conference on Sound & Vibration, Florence (IT)
- 09/2012 Co-chair of the session: “Vegetal Architecture”, II International Congress on Ambiances, Montreal (CA)
- 10/2011 Chair of the roundtable: “Paesaggio che vai...”, Tempo Reale Festival, Florence (IT)
- 09/11 Co-organizer and co-leader of the workshop: *Time Walk!* European Meeting “Time and Diversity: approaches to the design of the public city”, 15 September 2011, Berlin (DE)
Together with: Prof. A. Mayr

Soundwalks

- 04/2018 Two group soundwalks, led in the framework of the International Symposium “Paesaggi sonori/Soundscapes”, 26-27 April 2018 Pistoia (IT)
- 03/2018 Group soundwalks, guided in the context of the Berlin fieldtrip led by Naomi Waltham-Smith of University of Pennsylvania, 6 March 2018, Berlin (DE)
- 09/2017 Group soundwalk, guided in the context of the Berlin ethno-fieldtrip led by Prof. Swanton and Prof. Eric Laurier from the University of Edinburgh, 1 September 2017, Berlin (DE)
- 06/2017 Group sound- & lightwalk, guided with Prof. Henckel, 32nd Italian Congress of Geography, 7 June 2017, Rome (IT)
- 03/2017 Group soundwalk, organized for the 2017 Smart Mobility Summit, 3 May 2017, Lisbon (P)

- 04/2017 Group soundwalk, the 2017 International Noise Awareness Day in collaboration with: Stadtteilbüro Reuterkiez, Prof. Juliana Kohl and the students from the Rütlichschule, 28 April 2017, Berlin (DE)
- 03/2016 Group sound- & lightwalk, guided with Prof. Henckel, TU Berlin "Light- and Soundscapes of the Night. Berlin/Florence" Studio, 29 November 2016, Florence (IT); 3 November 2016, Berlin (DE)
- 07/2015 Two group soundwalks, led for the XXII Intern. Conference on Sound & Vibration, 16 July 2015, Florence (IT)
- 05/2015 Group soundwalk, led for the 2015 Tempo Reale Festival, 9 May 2015, Florence (IT)

ACADEMIC SERVICES, BOARD COMMITTEES AND MEMBERSHIPS

- 2017 – now Acoustical Society of America Associate Member
- 2017 – now Member of the Marie Curie Alumni Association
- 2017 – now Member of The Quiet Coalition's Scientific Advisory Board
- 2017 – now Member of the World Forum for Acoustic Ecology
- 2015 Member of FKL: Forum for the Soundscape
- 2014 – 2016 WISTER. Women for Intelligent and Smart Territories
- 2010 Membership *ad honorem*, INU Italian Institute of Urbanism

PROFESSIONAL MEMBERSHIPS

- 2006 – now Registered Architect and Member of the Chamber of the Architects of Florence (IT) (no. 6858)

ATTENDED MASTERCLASSES

- 2018 "Psychoacoustics I", Prof. Dr. Schulte-Fortkamp, January 20 2018, Berlin (DE)
- 2018 "Noise and its effects", Prof. Dr. Schulte-Fortkamp, January 14 2018, Berlin (DE)
- 2017 "Soundscape and Community Noise", Prof. Dr. Schulte-Fortkamp, July 7-8, 15 2017, Berlin (DE)
- 2017 "Akustische Vielfalt in Deutschland: Errungenschaften, Herausforderungen, Probleme" organized by DEGA (the German Acoustic Association), April 25 2017, Berlin (DE)
- 2017 "How soundwalks engage urban communities in soundscape awareness", Eric Leonardson (WFAE) at Invisible Places Conference, April 7 2017, S. Miguel (P)
- 2016 "Defining principles of mobile Apps and platforms development for best practice in citizen science: Interaction, Interoperability, Innovation" organized by the European Citizen Science Association, December 13-14 2016, Berlin (DE)

SELECTED PUBLICATION LIST

Total number of publications: 16

Total number of invited forthcoming publications: 5

Total number of publications under review: 1

Monograph

1. Radicchi, A. (2012), *Sull'immagine sonora della città (On the Sonic Image of the City)*, Firenze University Press, Firenze

Book chapters

2. Radicchi, A. (2017) "A Pocket Guide to Soundwalking. Some introductory notes on its origin, established methods and four experimental variations". In *Perspectives on urban economics*, edited by Besecke et al., 70-73, Universitätsverlag der TU Berlin, Berlin
3. Luna, S. (with Margaret Gold, Alexandra Albert, Luigi Ceccaroni, Bernat Claramunt, Ohla Danylo, Muki Haklay, Christopher Kyba, Jaume Piera, **Antonella Radicchi**, Sven, Schade, Ulrike Sturm). "Developing mobile applications for environmental and biodiversity citizen science: considerations and recommendations". In *Multimedia Technologies for Environmental & Biodiversity Informatics* edited by Joly et al.. Springer International Publishing, 2018 (in press)
4. Mayr, A., **Radicchi, A.**, (2013), "Time Walk" in Henckel, D. et al. (eds), *Space Time Design of the Public City*, pp. 86-97, Springer Publishers
5. Beccaria C., Guerrucci, E., **Radicchi A.**, (2012), "Le Architetture del Made in Italy" in Zevi, L. (ed.), *Le quattro stagioni. Architetture del Made in Italy. Da Adriano Olivetti alla New Economy*, p. 88-89, Electa Napoli
6. **Radicchi, A.**, Rojas, F. (2009), "Soundscapes Oltrarno" in Frenchman, D., Mitchell, W., (eds), *Technology, Livability and the Historic City. Future of Firenze*, pp. 80-85, MIT Press

Journal Articles (peer-reviewed)

7. **Radicchi, A.**, Henckel, D., Memmel, M. (2017). "Citizens as smart, active sensors for the quiet and just city" in *Noise Mapping. Topical issues on smart acoustical technologies for the smart city* (accepted February 3 2018)
8. **Radicchi, A.**, Signorelli, V. (2014), "Soundmaps, quiet areas and noise control strategies/ Mappature sonore, aree di quiete e strategie di controllo del rumore" in *Urbanistica*, 154/2014, pp.131-136, INU Edizioni, Rome
9. Radicchi, A., (2011), "Sull'immagine sonora della città/On the Sonic Image of the City" in *Urbanistica*, 146/2011, pp. 96-100, INU Edizioni, Rome

Proceedings (peer-reviewed)

10. Radicchi, A. (2017), "Beyond the Noise: Open Source Soundscapes. A mixed methodology to analyse, evaluate and plan "everyday" quiet areas." in *Proc. Mtgs. Acoust.* 30, 040005 (2017); doi: 10.1121/2.0000565
11. Radicchi, A. (2013), "Emotional Geography and Soundscape Studies" in Morello, E., Piga, B., (eds), (2013), *Proceedings of the EAEA11 Envisioning Architecture: Design, Evaluation, Communication*, pp. 267-272

12. Radicchi, A. (2012), "The Sonic Niche A new design tool to enhance and create atmospheres through sounds in the contemporary city" in Proceedings of the 2nd International Congress On Ambiances, pp. 253-258
13. Radicchi, A. (2010), "Living Soundscapes, Historic Cities and the Design of Urban Landscape. A Case Study: Soundscapes Oltrarno" in Proceedings of the International Conference: Living Landscape. The European Landscape Convention in research perspective, Vol. II, Short Communications, pp. 152-155
14. Radicchi, A. (2010), "Soundscapes Oltrarno and Sonic Niches: designing soundscapes in the historic city" in Proceedings of the International Conference Ideologies and Ethics in the Uses and Abuses of Sound, Koli, Finland
15. Briani, M., Radicchi, A. (2010), "Paesaggi sonori e deriva urbana" ("Soundscapes and city drifts") in Bartolini, S. et al. (eds), *Territori di ricerca. Ricerche di Territorio*, Proceedings of VIII International Conference Interdoctorate in Urban Design and Territorial Planning Network, v. II, Alinea, pp. 80-97

Online research articles

16. Radicchi, A. (2017e), "Urban Quiet Areas are Vital to Public Health". The [Quiet Coalition's Newsroom Articles](#), July 17, 2017. Accessed on December 2017.

INVITED FORTHCOMING PUBLICATION LIST

Book chapters

1. Radicchi, A. (2017), "The notion of soundscape in the realm of sensuous urbanism. A historical perspective" in Wilson, A., (ed.), *Listen!*, Cambridge Scholars Publ. (expected Spring 2018)

Proceedings (peer-reviewed)

2. Radicchi, A. (2018), "The use of mobile applications in soundscape research: open questions in standardization." in *Proceedings of EURONOISE 2018*. (expected May 2018)
3. Radicchi, A., Henckel, D. (2018), "Combined Sound- & Lightwalks. A perception based method to analyze and evaluate the sonic and light environment of our cities at night." in *Proceedings of EURONOISE 2018*. (expected May 2018)
4. Radicchi, A. (2017), "The HUSH CITY app. A new mobile application to crowdsource and assess "everyday quiet areas" in cities." in *Invisible Places. Proceedings of the International Conference on Sound, Urbanism and the Sense of Place* (expected Spring 2018)

Technical reports

5. Radicchi, A. (2018), "Open source planning of urban quiet areas". Technical report of the "Beyond the Noise: Open Source Soundscapes project" (to be submitted to the Berlin Senate - expected end of March 2018)

PUBLICATIONS UNDER REVIEW

Journal Articles (peer-reviewed)

1. Radicchi, A. (2017). "Listening to and with children for the healthy and quiet city" in *Cities & Health Journal* (submitted December 2017: under review)

PRESS COVERAGE OF THE HUSH CITY PROJECT

- Full list of articles, podcasts and blog posts available here:
<http://www.opensourcesoundscapes.org/spread-the-word/press/>

INVITED TALKS AT CONFERENCES

- *The use of mobile applications in soundscape research: open questions in standardization.* EURONOISE, 27-31 May 2018, Crete (G)
- *Combined Sound- & Lightwalks. A perception based method to analyze and evaluate the sonic and light environment of our cities at night.* EURONOISE, 27-31 May 2018, Crete (G) (with Prof. Henckel)
- *Quietness as a commons. Integrating soundscape in urban planning for the environmentally just city.* 174th Meeting of the Acoustical Society of America, 7 December 2017, New Orleans (USA)
- *Identifizierung ruhiger Gebiete im Stadt (Identifying quiet areas in cities).* ALD-Veranstaltung "Ruhige Gebiete", 6 December 2017, Stuttgart (Germany) (with Prof. Jäcker-Cüppers)
- *Planning healthy and quiet cities through the soundscape approach.* Landscape Institute Jellicoe Lecture 2017: Built-in health: designing for health in the public realm, 2 November 2017, Bristol (UK) (via Skype)
- Invited expert: The Urban Tech Conference – Berlin Summit, 25 October 2017, Berlin (DE)
- *The soundscape approach to placemaking.* Placemaking week, 12 October 2017, Amsterdam (NL) (via Skype)
- *Beyond the Noise: Open Source Soundscape. Quietness, Smart Mobility and the Future City.* Smart Mobility Summit, 3-4 May 2017, Lisbon (P)
- Elevator speech: *Breaking the Walls of Noise Pollution.* Falling Walls Young Innovator of the Year 2016, The International Conference on Future Breakthroughs in Science and Society, 8-9 November 2016 Berlin, (DE)
- *Soundwalks & Multilayered Sound Maps.* III International Biennale of Public Space, 23 May 2015, Rome (IT)
- Invited talk & video projection: *Firenze Sound Map. An Emotional Journey through Florentine Soundscapes.* 2015 UNESCO Historic Cities Heritage of Peace Program, 4-5 April 2015 Istanbul (TR)
- *Soundscape design and mapping. Best practices in art, architecture and urbanism.* Third Careggi Seminar "The role of soundscapes in a biocultural perspective", 14 June 2012, Wien (A)
- *Soundmapping in-between old and new technologies.* Listening Cities Symposium, 1-2 June 2012, Wien (A).
- *Time Walk! 2011 European Meeting Time and Diversity: approaches to the design of the public city,* 15 September 2011, Berlin (DE) (with Prof. A. Mayr)

SELECTION OF CONFERENCES

- *(Re)searching for quietness in the Reuterkiez. A pilot study to map, assess and plan "everyday quiet areas", by applying the soundscape approach and the citizen science paradigm.* Learning from Context Conference, 22-23 September 2017, Berlin (DE)
- *Beyond the Noise: Open Source Soundscapes. A mixed methodology to analyse and plan small, quiet areas, applying the soundscape approach, the citizen science paradigm and open source technology.* 173rd Meeting of the Acoustical Society of America and the 8th Forum Acusticum, 26-29 June 2017, Boston (USA)

- *Lightscares and Soundscapes of the Urban Night. Berlin/Florence* (with Prof. D. Henckel). 32nd Italian Congress of Geography, 7-10 June 2017, Rome (IT)
- *The HUSH City app. A new mobile application to crowdsource and assess "everyday quiet areas" in cities.* Invisible Places. International Conference on Sound, Urbanism and Sense of Place, 7-9 April 2017, São Miguel Island, Azores, (P)
- *Urban Planning Challenges: Toward integrated approaches to sustainable lightscape and soundscape planning.* ALAN The 4th International Conference on Artificial Light at Night, 26-28 September 2016, Cluj-Napoca, Romania (RO) (with J. Meier)
- *Sense-Scapes: Natural Darkness and Quietness for the Sustainable City* (with Prof. D. Henckel). Major Cities of Europe, 30 May - 1 June 2016 Firenze (IT)
- Short presentation: *The tender sound map of Firenze and Firenze Open Data System.* International Open Data Day Conference, 22 February 2014, Rome (IT)
- Short presentation: *The tender sound map of Firenze and Firenze Open Data System.* Linked Open Data Conference, 20-21 February 2014, Rome (IT)
- *Emotional Geography & Soundscape Studies. Beyond the cognitive approach in (sound)mapping urban spaces.* XI Conference of the European Architectural Envisioning Association, 25-28 September 2013, Milan (IT)
- *The Sonic Niche. A new design tool to enhance and create atmospheres through sounds in the contemporary city.* II International Congress on Ambiances, 19-22 September 2012, Montreal (CA)

TEACHING PORTFOLIO

List of courses taught

- 2016 – 2018 Teaching cooperation
University of Applied Sciences Potsdam (DE) - Institute for Urban Futures
2017 Fall Semester: “Visualizing Cultural Collections” course (Prof. Marian Doerk)
2016 Fall Semester: “Visualizing Cultural Collections” course (Prof. Marian Doerk)
- 2016 – 2017 Associate Lecturer (co-teaching of a studio project with Prof. D. Henckel – 4 hours/week)
Technical University of Berlin, Institute of City and Regional Planning, Berlin (DE)
Fall semester: “Lightscapes and soundscapes of the urban night. Berlin/Florence” course
- 2013 – 2014 Adjunct Lecturer
University of Ferrara (IT) - Faculty of Architecture.
Spring semester: “Soundscapes & the 2.0 City” course (16 hours in the framework of a design studio project)
- 2012 – 2013 Adjunct Lecturer
University of Roma Tre (IT) - Faculty of Architecture.
Fall Semester: “Emotional Mapping” course (24 hours in the framework of a design studio project)
- 2011 – 2013 Adjunct Professor
Kent State University, College of Architecture & Environmental Design, Florence (IT)
Fall and Spring Semesters: “Reading Cities” course (16 hours of frontal lesson and 5 field trips)
- 2010 – 2011 Adjunct Professor
University of Firenze (IT) - Faculty of Architecture.
Fall Semester: City Sense and City Design class (24 hours in the framework of a design studio project)

Co-supervision of master and PhD students

Master thesis title: Soundscape and Urban Design in Berlin (running title) (since 05/2017)

Name of the student: Max Habler, First supervisor: Prof. Dr. B. Schule-Fortkamp, Technical University Berlin

In the past 10 ten years I have also informally co-advised PhD students in soundscape studies.

INVITED LECTURES & WORKSHOPS

- *Beyond the Noise: Open Source Soundscapes*, TU Berlin 18 January 2018
- *Beyond the Noise: Open Source Soundscapes*, HafenCity University Hamburg 12 January 2018
- *Beyond the Noise: Open Source Soundscapes*, Humboldt University, Institute of Geography, 19 December 2017 Berlin (DE)
- *Die Stadt, der Lärm und die Stille*, Technische, Universität Berlin, Institute of City and Regional Planning, 20 June 2017, Berlin (DE)
- *Sense-Scapes: Natural Darkness and Quietness for the Sustainable City*, (with Prof. D. Henckel), University of Florence, Doctorate School in Architecture, 29 November 2016, Florence (IT).
- *Beyond the Noise: Open Source Soundscapes*, Technische, Universität Berlin, IPODI Colloquium, 7 November 2016, Berlin (DE).
- *Die Stadt, der Lärm und die Stille*, Technische, Universität Berlin, Institute of City and Regional Planning, 17 May 2016, Berlin (DE).
- *Soundscapes. Theory and tools for qualitative city soundscape planning*, University of Rome La Sapienza, Landscape Design Studio, 21 March 2016, Rome (IT).
- *How does Piazza Vittorio sound? Soundscape analyses and mapping in the Esquilino neighbourhood*, University of Rome 3, Master in Architecture and City Planning, 21 November 2014, Rome (IT).
- *Mapping Open Soundscapes. Workshop on soundscape studies, open data and civic urbanism*, Lorenzo de' Medici Institute, Department of Architecture, 6 November 2014, Florence (IT).
- *Domestic Soundscapes. A Sonic Guide to San Lorenzo Central Market in Firenze*, Workshop, Lorenzo de' Medici Institute, Department of Architecture, 1 October 2014, Florence (IT).
- *On the Sonic Image of the City. Soundmapping in-between old and new technologies*, University of Rome 3, Formulas Seminar Series, 15 April 2014, Rome (IT).
- *Sound or Noise? The challenge of new emotional interpretation of everyday urban life through (sound)mapping*, IED "artscapingRome" Seminar Series, 20 February 2014, Rome (IT).
- *The Urban Sound. Soundscape mapping and design in the contemporary city. The case study of Ferrara*, University of Ferrara, City Design Studio, 19 April 2013, Ferrara (IT).
- *Firenze Opensoundscapes*, (with Prof. G. Menduni), Impact Hub Rome, 15 March 2013, Rome (IT).
- *On the Sonic Image of the City. Soundscape mapping and design in the contemporary city. The case study of Firenze*, New University of Lisbon, Faculty of Social and Human Sciences, 29 November 2012, Lisbon (P).
- *Sensuous Urbanism and Soundscape Studies*, Urban Transcript 2011 "Rome. The accidental city", 17 November 2011, Rome (IT).
- *Sounds of the City*, Museum of Natural History, "Antropologi per un giorno" Seminar Series, 16 March 2011, Florence (IT).
- *Sensuous Urbanism & Soundscape Studies. Soundscape mapping and design in the contemporary city*, European Institute of Design, 21 April 2011, Rome (IT).