

# Curriculum Vitae

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## Joeri Louis Maria, Bruyninckx

(Belgium/ June 28, 1985)

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### *Education*

- 2008-2012 PhD, *Cum Laude* | Science and Technology Studies, Maastricht University  
*Sound Science. Recording and Listening in the Biology of Bird Song, 1880-1980.*  
Defended: 19 April 2013
- 2009-2010 WTMC Netherlands Graduate School on Science, Technology & Modern  
Culture | the Netherlands | Full program graduate studies
- 2006-2008 Master of Philosophy, Cultures of Arts, Science and Technology  
*Cum Laude* | Maastricht University, the Netherlands
- 2003-2006 Bachelor of Arts, Cultures of Arts and Science  
Maastricht University, the Netherlands  
Major in Cultures of Arts and Science, Minor in Art & Heritage Studies
- 1997-2003 Secondary Education, A Latin-Mathematics  
College St. Jan Berchman Genk, Belgium

### *Affiliations*

- 2015 - Assistant professor/UD  
Department Technology & Society Studies  
Maastricht University | the Netherlands
- 2015-2018 Research scholar  
Epistemes of Acoustics research group  
Max Planck Institute for History of Science | Berlin  
With prof. Viktoria Tkaczyk
- 2013-2014 Visiting scholar  
Department of Science & Technology Studies  
Massachusetts Institute of Technology | Cambridge (MA)  
Hosted by prof. Rosalind Williams
- 2012-2015 Post-doctoral researcher  
Department of Technology & Society Studies  
Maastricht University | the Netherlands
- 2008-2012 PhD researcher\*  
Department of Technology & Society Studies  
Maastricht University | the Netherlands  
Supervised by prof. dr. Karin Bijsterveld and dr. Joseph Wachelder  
\* Employed: position granted through FASoS Graduate School Open Competition
- 2010 Visiting doctoral fellow (fall, sept-oct)  
Department of Science & Technology Studies  
Cornell University | Ithaca (NY)  
Hosted by prof. Trevor Pinch and prof. Ronald Kline
- 2007 Visiting graduate student (fall, sept-dec)  
Department of History of Science & Technology  
Kungliga Tekniska Högskolan (RII) | Stockholm  
Hosted by dr. Nina Wormbs and prof. Arne Kaijser

### *Honors, awards and grants*

- 2017 Special mention International Union of the History and Philosophy of  
Science and Technology, Young Scholars Prize of the Division of History of  
Science and Technology 2017
- 2015 Shotlisted for Edmond Hustinx prize for science
- 2013 Dissertation printing grant WTMC
- 2012 Nicholas C. Mullins Prize by Society for Social Studies of Science, for  
outstanding graduate scholarship in Science and Technology Studies
- 2011-2013 Maastricht University co-applicant project grant 'Leading in Learning'  
for inter-faculty project "SHARE-IT" website

- 2010 Cornell University visiting pre-doctoral fellowship (fall semester)  
2008 Maastricht University Stichting Wetenschapsbeoefening (Foundation for Scholarly Work) Student prize for best MA thesis  
2007 Maastricht University Travel grant for graduate exchange

*Academic Publications*

Monograph

**Bruyninckx, J.** (in press). *Sound Science. Recording and Listening in the Biology of Bird Song*. Cambridge, MA: The MIT Press.

**Bruyninckx, J.** (2013) *Sound Science. Recording and Listening in the Biology of Bird Song, 1880-1980*. (dissertation). Maastricht University.

Peer-reviewed journal articles/chapter contributions

**Bruyninckx, J.** (2017). Synchronicity: Time, Technicians, Instruments and Invisible Repair. *Science, Technology & Human Values*. DOI: 10.1177/0162243916689137.

**Bruyninckx, J.** & Supper, A. (eds.) (2016). Sonic Skills in Cultural Contexts: Theories, Practices and Materialities of Listening. *Sound Studies* 2(1). DOI: 10.1080/20551940.2016.1214444

**Bruyninckx, J.** (2015). Trading Twitter. Amateur Recorders and Economies of Scientific Exchange at the Cornell Library of Natural Sounds. *Social Studies of Science* 45:3, pp. 344-370. DOI: 10.1177/0306312715580404

**Bruyninckx, J.** (2012). Sound Sterile: Making Scientific Field Recordings in Ornithology. In: T. Pinch & K. Bijsterveld (eds.), *The Oxford Handbook of Sound Studies* (pp. 127-150). Oxford/New York: Oxford University Press.

**Bruyninckx, J.** (accepted, forthcoming). 'Forest'. In: Daniel Morat and Hansjakob Ziemer (eds.) *Handbuch Sound. Geschichte, Begriffe, Ansätze*. Stuttgart/Weimar: Verlag J.B. Metzler.

*Submitted*

**Bruyninckx, J.** (revised and resubmitted). Monitoring Instruments. Machines, Trust and Epistemic Vigilance in Experimental Physics. *Science as Culture*.

**Bruyninckx, J.** (submitted). Of Silent Sirens and Pied Pipers. Auditory thresholds and high-frequency technologies of animal control. In: Viktoria Tkaczyk, Mara Mills and Alexandra Hui (eds.) *Testing Hearing: Science, Art, Industry*. Chicago/London: The University of Chicago Press.

**Bruyninckx, J.** (submitted). For Conservation, Broadcasting and Science. Consolidating a British Library of Wildlife Sounds. *Technology and Culture*, as part of the special issue 'Listening to the Archive' (guest edited by Viktoria Tkaczyk and Carolyn Birdsall).

*Currently in preparation*

**Bruyninckx, J.**, Mundy, R. & Bijsterveld, K. 'Beyond Notation: Knowledge Making and Sound Transcription in Ethnomusicology and Ornithology, 1900-1940'. *Music & Letters*.

*Professional Publications*

**Bruyninckx, J.** (2014). Silent City: Listening to Birds in Urban Nature. In: Gandy, M. & Nilsen, B. (eds.), *The Acoustic City*. Berlin: Jovis.

Beumer, K. & **Bruyninckx, J.** (2011). Achter het Spiegelraam van de Biologie. *Academische Boekengids* 89, November.

**Bruyninckx, J.** (2007). Sois fonctionelle et tais-toi. *Rekto:Verso. Tweemaandelijks Tijdschrift voor Kunstcritiek* (Jun-Aug).

Beumer, K. & **Bruyninckx, J.** (2007). Scar Wars. Scarification als een illustratie bij onze groeiende lichaamsobsessie. *Mosaïek. Interdisciplinair Cultuurwetenschappelijk Tijdschrift* (4)8.

**Bruyninckx, J.** (2006). Veiligheid op drift. Design in het paniekerige tijdperk na 9/11. *Rekto:Verso. Tweemaandelijks Tijdschrift voor Kunstcritiek* (Mar-Apr).

And various contributions to the following publications: *Behind Bars* | *Relax* | *Dress Code. Interior Design for Fashion Shops.* | *Happening. Design for Events.* | *Frame Magazine* 50, 51, 53, 54. All by Amsterdam: Frame Publishers & Boston/Berlin: Birkhauser.

*Seminars, Workshops & Conferences*

#### Organized

- 2013 (Co-panel organizer and presenter) *Making Sense of Sound: Listening in Work and Everyday Life Practice*. Society for Social Studies of Science Annual Meeting, San Diego (10/10).
- 2018 Workshop 'Sounds at Work. Designing productivity in science, art, and industry. Max Planck Institute for History of Science, Berlin (TBD)

#### Invited Lectures and Papers

- 2016 Auditory thresholds and high-frequency technologies of animal control at *Testing Hearing: Science, Art, Industry*, workshop at MPIWG, Berlin (21-22/10)
- 2016 Sounding the Voice Box: A history of reconstructing the avian syrinx, 1750-present at *Sound Objects Working Group* at the Max Planck Institute for the History of Science (16/11)

- 2016 Histories of the bio-acoustical archives in international perspective at *Listening to the Archive. Histories of Sound Data in the Humanities and Sciences*, conference at MPIWG, Berlin (12/02)
- 2015 Of birds and men: hearing thresholds in bioacoustics research at *Testing Hearing: Science, Art, Industry*, conference at MPIWG, Berlin (4-5/12)
- 2015 Sound recordings as epistemic objects at undergraduate *Sound Cultures*, elective course in Media Studies, UvA (19/11)
- 2014 Sound Recording and Trained Listening in Bird Song Biology at *Yale Sound Studies Colloquium*, New Haven (03/03).
- 2014 Expert talk at *Sound Installations & Sonic Interventions* (graduate + undergraduate seminar), MIT, Boston (February 20).
- 2013 Listening to the technological world, lecture at *Living in a Technological World*, HASTS graduate seminar, MIT, Boston (13/11).
- 2013 Staging the Sound of the Field: Producing and re-producing natural field recordings at *'In The Field'* symposium, CRiSAP & the British Library, London (15/02).

#### Recent workshops, colloquia and conference papers

- 2017 Discussant: 'Can Animals Predict Earthquakes?: Bio-sentinels as Seismic Sensors in Communist China and Beyond' by Fa-ti Fan, at Dept III colloquium, at Max Planck Institute for History of Science (04/04)
- 2017 Discussant 'Vetting Animals' workshop at MPIWG (14/03)
- 2016 Discussant: 'Stanley Milgram and the Sonic Imaginary' by Trevor Pinch, for the Epistemes of Modern Acoustics Colloquium at Max Planck Institute for History of Science (05/07)
- 2016 Testing Animal Hearing. Sound Technologies as Hearing Aids in Twentieth-Century Bioacoustics. *Society for the History of Technology Annual Meeting*. Singapore (23/06).
- 2015 Discussant: 'Persuasion in the Air' by Alexandra Hui, for the Epistemes of Modern Acoustics colloquium at Max Planck Institute for History of Science (16/06)
- 2015 Discussant: (In)visible labor: Knowledge production in the human sciences workshop at Max Planck Institute for History of Science (11-12/06)
- 2013 Scientific Scores: Sonic skills, diagrams and fieldwork (1880-1930) at History of Science Society Annual Meeting, Boston (22/11).
- 2013 Listening Acoustically: Sonic skill, tools and knowledge in ornithological field recording at Annual Meeting International Committee for History of Technology, Manchester (25/07).
- 2013 Listening in on Bird Songs. Producing Scientific Field Recordings at Annual Meeting 'Sinnlichkeit der Technik' of the German Society for the History of Technology in Dresden (10/05).
- 2012 Listening to Images, Looking at Sound: Sonic Skills in Field Ornithology at Society for Social Studies of Science Annual Meeting, Copenhagen (19/10)
- 2012 From Musical to Mechanical Ear. Recording and Listening to Bird Sounds in Ornithology 1910-1960 at Supersonix London (22/06).
- 2012 Scientific Scores and Musical Ears. Sonic Skills, Field-guides and Amateur Naturalism at WTMC workshop, Utrecht (12/04).

- 2011 Samples and Trophies. A Moral Economy of Sound Recording in Ornithology at Society for Social Studies of Science Annual Meeting, Cleveland (5/11).
- 2011 Field, Studio and Lab. Sampling Nature Recordings at the Graduate conference history of science “Science-historical categorization?” Kerkrade (28/01).
- 2010 Sampling the Field. An Economy of Scientific Sound Recordings in Ornithology at the Science, Technology & Society colloquium, Maastricht (17/11).
- 2010 Sampling the Field. An Economy of Scientific Sound Recording in Ornithology at the Science Studies Research Group, Cornell University (18/10).
- 2010 Sound Specimens, Sonic Skills. Collecting Scientific Recordings in Ornithology at the WTMC Summer School ‘Experts Observing Experts’, Ravenstein (17/08).
- 2009 Sound Sterile. Making Scientific Recordings in Ornithology at the Sound Studies Conference, Maastricht (21/11).
- 2007 Direct-Broadcasting-Satellites and the Integration/Fragmentation of Europe? at KTH seminar in History of Science and Technology, Stockholm (13/12).

### *Memberships*

- 2011- Social Studies of Science Society (4S)
- 2009- European Association for the Study of Science and Technology (EASST)
- 2009- Netherlands Research School on Science, Technology & Modern Culture (WTMC)

### *Teaching*

- Developed BA Skills specialization ‘Entering the Fields: Cultures of Knowledge and Technology’ reading seminar (2015)
- Tutor/coordinator BA Skills training Biopolitics\* (2014/2015)
- Tutor/coordinator MA Course Sound Technologies & Cultural Practices\* (2014-2017)
- Tutor BA Course ‘What is Good Science?’ (philosophy of science)
- Tutor BA Skills training Research and Writing (Dutch/English)
- Tutor/Lecturer BA Course ‘Observing and Representing. History of the Senses’
- Tutor BA Course ‘Knowledge and Criticism’ (history of modern science)
- Moderator Student debate ‘Wiki’s Truth’
- Mentor Students with writing difficulties
- Supervisor BA European Studies theses
- Tutor MA Course ‘Swedish Society, Culture and Industry in a Historical Perspective’ (history of technology)
- 2013 Basic Teaching Qualification certificate (BKO Higher education)  
\* including course re-development  
Guest lectures at MIT, Humboldt University.

### *Community & public service*

- 2016 Member organization committee Soft skills seminar MPIWG
- 2015 Member award committee ESST European Award for Aspiring Undergraduates
- 2015- Coordinator and co-developer digital humanities project *Sound & Science: Digital Histories*, to be launched in March 2017.
- 2012-2013 Co-founder and –editor of Share-IT blog on IT-related research tools for young researchers
- 2006 Z33 – Centre for Modern Art and Design, Hasselt, Belgium  
Collaboration in concept and development exposition °13 – *Wunderkammer. After Cage*.
- 2005 TOR vzw – Workspace for Performing Arts, Genk, Belgium  
Co-organization arts- and performance festival *Overgang (Transition)*
- Reviewer for *Science as Culture, Sociology Compass, Graduate Journal Social Sciences*

### *Media coverage & outreach*

- 2017 “Bird songs”. Radio-interview with Doerte Fiedler for DeutschlandRadio-Wissen, (09/02)
- 2015 “Listening to Animal Acoustics”. Interview with for podcast on Epistemes of Modern Acoustics research group, MPIWG
- 2015 “Sonic skills”. [Podcast](#) on Sonic skills research group, Maastricht University.
- 2015 Public lecture “Recording wildlife sounds”, together with Henk Meeuwssen. *Sonic Science Festival* (23/01)
- 2015 ‘Sonic Skills festival’, Radio-interview with Judith Kessels for L1 (January 23)
- 2015 Public mini-lecture & introduction to recording demonstration, together with Karin Bijsterveld, Alexandra Supper and Aleks Kolkowski. *Sonic Science Festival* (24/01)
- 2013 “Vogels luisteren is niet gemakkelijker”. Interview with Pieter van de Wielen for Labyrinth (popular science show), Radio 1, VPRO (Dutch national radio), (14/04)
- 2013 “Beter tien vogels in de hand dan één in de lucht”. Interview with Maurice Timmermans for cover article *Observant* 29(33) (Independent weekly of Maastricht University), (18/04).
- 2013 “Sound Science”. Contribution to Youtube channel Maastricht University research highlights. (02/04).
- 2012 “Sonic Arts” contribution (with Stefan Krebs & Melissa van Drie) to The Free University of the Airwaves, Resonance FM, London.