Teodoro Dannemann

PhD in Media and Arts Technologies

EDUCATION

2019-2024 Media and Arts Technology PhD programme. Queen Mary University of London.

2013-2015 MSc in Physics. National Autonomous University of Mexico (UNAM).

2006-2011 BSc. Industrial Engineering with Diploma in Environmental Engineering. Pontifical Catholic University of Chile.

TEACHING EXPERIENCE

2024 Teaching Fellow. Digital Media and Social Networks. Queen Mary University of London.

2021-2022 Teaching Fellow. Creating Interactive Objects. Queen Mary University of London.

2020-2023 Senior Demonstrator. Digital Media and Social Networks. Queen Mary University of London.

2018-2019 Lecturer. Creative Programming. Faculty of Computer Sciences. Austral University of Chile.

2017 Lecturer. Simulation in Engineering. Faculty of Computer Sciences. Austral University of Chile.

2017 Lecturer. Complex Networks and Netlogo. Faculty of Computer Sciences. Austral University of Chile.

2016 Lecturer. PhD course "Mathematical Methods for Ecologists". Pontifical Catholic University of Chile.

2016 Lecturer. "Cellular Automaton and Agent Based Models". Institute of Philosophy and Sciences of Complexity.

RESEARCH AND WORKING EXPERIENCE

See Google Scholar profile for full list of publications: https://scholar.google.com/citations?user=XfB8yOcAAAAJ&hl=en

2023 Four papers accepted (three of them as a first author) for New Interfaces for Musical Expression Conference 2023.

2023 Software developer consultancy for Maestro Music UK.

2022 Paper accepted at New Interfaces for Musical Expression Conference 2022: "Being (A) part of NIME: Embracing Latin American Perspectives". Paper awarded for Cultural Contribution.

2021 Paper presented at the International Conference in Music Computing: "SonicDraw: A web app for sketching sounds and drawings".

2020 Engineering internship at BELA Platform. https://bela.io/

2019 Director of project "21st Century Luthiers: designing musical instruments for everyone". Chilean National Culture and Arts Council grants "FONDART".

2019 Director of project "Musical Offer: collaborative performances". Chilean national culture and arts grants "FONDART". https://www.youtube.com/watch?v=XCK7nxhGysU

2019 Invited as Collaborator in 4th Collaborative Workshop on Modelling Collective Behaviour at PIONEERS WORKS, Brooklyn, NY.

2017-2018 Co-director of "Eigencities: Big data for urban planning". http://ecoinformatica.cl/proyecto/eigencities/

2016-2017 Research Assistant at Ecology Department, Pontifical Catholic University of Chile.

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Research topics
music interfaces,
digital interaction,
embodied music interaction,
complex systems,
collective behaviour

Tools & Technologies
MAX/MSP, Pure Data, Python, C++,
Javascript, Arduino, p5js,
processing

Other Skills
BELA platform, Arduino, web design
and development

Languages
English (professional)
Spanish (Native)
Italian (second language)

Website
teodannemann.wordpress.com/

Github
https://github.com/teo523/

2020 Participation in Ars Electronica. Linz, Austria

2019 ArchDaily article about our publication about urban segregation. https://www.archdaily.com/928628/data-from-350000-smartphones-visualize-the-urban-segregation-in-chile

2019 Interview for Chilean "radio UACh" about Creative Programming. https://radiouach.cl/programa/podcast-11enero/

2017 Interview for Chilean newspaper "Diario Austral" about Smart Cities   http://www.australvaldivia.cl/impresa/2017/07/19/full/cuerpo-principal/6/

2016 Participation in Documentary "Arts and Complex Systems" made by UNAM, Mexico https://www.youtube.com/watch?v=1CCXfFSkr6g

2016 Presentation of thesis work by Dr. Denis Boyer, UNAM, Mexico https://www.youtube.com/watch?v=jHyAglYkE64&t=873s

2016 Interview for Chilean newspaper "El Ciudadano" about agent based models. https://www.elciudadano.cl/entrevistas/simulando-la-realidad-la-interesante-aplicacion-de-los-modelos-basados-en-agentes3535/04/19/

GRANTS AND RECOGNITIONS

2023 First place in the Synth Hackathon 2023. https://www.synthux.academy/events/hackathon-2023

2022 Awarded paper for Cultural Contribution at New Interfaces for Musical Expression Conference: "Being (A) part of NIME: Embracing Latin American Perspectives".

2020 Awarded with BECAS CHILE PhD Scholarship.

2019 Fully funded invitation to attend the 4th Collaborative Workshop on Modelling Collective Behaviour at PIONEERS WORKS, Brooklyn, NY (June, 2019).

2019 Awarded with Culture and Arts National Chilean Grant.

2018 Distinction of excellence in teaching. UACh, Chile.

2015 Research Scholarship DGAPA-PAPIIT IN105015 "Dynamics of complex biological ans social systems", with Dr. Octavio Miramontes Vidal.

2006 Enrolment distinction for outstanding grade in national admission exam. Pontifical Catholic University of Chile.