



# CLARISSA RIBEIRO

MEDIA ARTIST AND RESEARCHER

## CONTACT

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## SOCIAL MEDIA

facebook/crosslabcollective

instagram/clarissa\_\_ribeiro

instagram/oi.se.au

## LANGUAGE

PORTUGUESE ● ● ● ● ●

ENGLISH ● ● ● ● ●

FRENCH ● ● ● ● ●

SPANISH ● ● ● ● ●

## HOBBIES

Painting Biking

Acoustic Guittar Drawing



## ABOUT

Ph.D. in Arts (University of Sao Paulo/Planetary Collegium - University of Plymouth, UK), Fulbright Postdoctoral Scholarship awardee (UCLA, Art|Sci Center/James Gimzewski Lab), M.Arch. (University of Sao Paulo), B.Arch (UFV), member of the UCLA Art|Sci Collective, chair of the first Leonardo/I-SAST LASER talks to be hosted in Brazil/Latin America, is the principal of OI.SE.AU Office for Sentient Architecture, directs the CrossLab research group and art collective and the LIP – Lab for Innovation and Prototyping at the University of Fortaleza, teaching experimental studios exploring cutting -edge algorithmic modeling and digital fabrication strategies and tools. As a researcher and independent artist, I have been producing, presenting and exhibiting internationally, experimental interactive installations exploring cross-scale information and communication dynamics.



## EDUCATION

> USP UNIVERSITY OF SAO PAULO 2007 - 2011

Ph.D. in Arts, School of Communication and Arts (ECA/USP) Brazil (Brazilian Ministry of Education Ph.D. Scholarship awardee) Advisor: Gilberto Prado, Ph.D.

> UNIVERSITY OF PLYMOUTH/THE PLANETARY COLLEGIUM 2009 - 2010

Ph.D. Visting Researcher (Brazilian Ministry of Education Ph.D. Visiting Researcher Scholarship awardee). Advisor: Roy Ascott

> USP UNIVERSITY OF SAO PAULO 2003 - 2006

M.Arch. Master in Architecture, Institute of Architecture (IA USP) Brazil, Nomads.USP research group. Advisor: Anja Pratschke, Ph.D.

> UFV DEPARTMENT OF ARCHITECTURE 1997 - 2002

Bachelor in Architecture and Urban Planning, Department of Architecture, State University of Viçosa (UFV), Brazil Diploma Project Advisors: Roberto Goulart, Ph.D.; Marta Camisassa, Ph.D.

> UFV DEPARTMENT BIOLOGICAL SCIENCES 1996 - 1997

Bachelor in Biological Sciences, Department of Biological Sciences, State University of Viçosa (UFV), Brazil (Year of interruption: 1997)

> STATE CONSERVATORY OF MUSIC 1984 - 1995

Elementary, Secondary and Vocational and Technical Education in Piano, State Conservatory of Music Professor Theodolindo Jose Soares, Minas Gerais, Brazil



## POSTDOCTORAL POSITION

> UCLA ART|SCI CENTER / JAMES GIMZEWSKI LAB 2013 - 2014

Postdoctoral Research Scholar and Artist in Residence (Postdoctoral Research Fellowship: Fulbright Postdoctoral Scholar Awards awardee) UCLA DMA (Design and Media Arts MFA) and Chemistry and Biochemistry Departmente, CNSI (California Nanosystems Institute).



## SKILLS

TEAM SPIRIT ● ● ● ● ●

CREATIVITY ● ● ● ● ●

MENAGEMENT ● ● ● ● ●

INNOVATION ● ● ● ● ●

COMMUNICATION ● ● ● ● ●

COORDINATION ● ● ● ● ●

## TECHNICAL KNOWLEDGE

RHINO/GRASSHOPPER	● ● ● ● ●
ARDUINO	● ● ● ● ●
PROCESSING	● ● ● ● ●
ROLAND MDX540	● ● ● ● ●
CURA 3D PRINTING	● ● ● ● ●
SKETCHUP	● ● ● ● ●
ARCHICAD	● ● ● ● ●
REVIT	● ● ● ● ●
AUTOCAD	● ● ● ● ●
ADOBE PHOTOSHOP	● ● ● ● ●
ADOBE ILLUSTRATOR	● ● ● ● ●
ADOBE PREMIERE	● ● ● ● ●
ADOBE AUDITION	● ● ● ● ●
AUDACITY	● ● ● ● ●
ADOBE AERO	● ● ● ● ●
MOZILLA HUBS	● ● ● ● ●
TWINMOTION	● ● ● ● ●
OFFICE	● ● ● ● ●

## FUNDING / AWARDS

- > **FULBRIGHT** 2013-2014  
Fulbright Postdoctoral Scholar Awards in Arts (The Fulbright Commission in Brazil, with the support of the Brazilian Ministry of Education)
- > **PHD AWARDS** 2009-2010  
Brazilian Ministry of Education Ph.D. Visiting Researcher Scholar Awards. (scholarships awarded by CAPES)
- > **PHD AWARDS** 2007-2011  
Brazilian Ministry of Education Ph.D. Awards. (scholarships awarded by CAPES)



## TEACHING EXPERIENCE

- > **UNIVERSITY OF FORTALEZA/TECHNOLOGY CENTER** 2015 - present  
Assistant Professor, Experimental Design Strategies, Algorithmic Modeling, Department of Architecture, Academic Executive (Innovation Lab Director) Sciences and Technology Center (CCT) University of Fortaleza, Brazil
- > **UCLA SCIART SUMMER INSTITUTE** 2014 - present  
Senior Instructor and Lecturer for the UCLA Art|Sci Center and Lab SciArt Summer Institute, Los Angeles, USA. Directors of the Center: Victoria Vesna, James Gimzewski, Adam Stieg and Claudia Jacques.
- > **ROY ASCOTT STUDIO /SIVA DETAO** 2014 - 2015  
Associate Professor, Roy Ascott Studio Bachelor in Technoetic Arts, Shanghai Institute of Visual Arts (SIVA), DeTao Master Academy, Shanghai, China. Program Director: Stavros Didakis, Ph.D.
- > **UCLA DESIGN AND MEDIA ARTS MFA (DESMA 403)** 2013-2014  
Graduate Group Critique (DESMA 403) Contributing in the sessions as a Postdoctoral Research Scholar (Fulbright Postdoctoral Scholar Awards) with Professor Victoria Vesna UCLA DMA MFA (Master in Fine Arts), Los Angeles USA
- > **SENAC SAO PAULO** 2012-2013  
Assistant Professor in Multimedia Production, Experimental Design Strategies and Digital Fabrication, Department of Architecture, SENAC Sao Paulo, Brazil
- > **USP UNIVERSITY OF SAO PAULO (ECA USP)** 2007-2009  
Assistant Professor, Ph.D. candidate trainee teacher position, Multimedia Creation (2007-2009), School of Communication and Arts (ECA USP). Advisor: Professor Gilberto Prado, Ph.D.
- > **UNISO UNIVERSITY OF SOROCABA** 2012-2013  
Assistant Professor in Multimedia Design, Faculty of Design, UNISO, Sao Paulo (Sorocaba), Brazil
- > **USP UNIVERSITY OF SAO PAULO (IA USP)** 2004-2006  
Assistant Professor, Master Student trainee teacher position, Informatics for Architecture, Institute of Architecture, University of Sao Paulo (IA USP). Advisors: Professor Anja Pratschke, Ph.D.



## WORKSHOPS / SEMINARS (SELECTED)

- > **ARS ELECTRONICA** 2020  
'Psychobiotic: Microbiome Anthropophagy' (technoetic arts, microbiome engineering, personality transplant) for Ars Electronica in Kepler's Gardens (2020) Telluric Vibrations UCLA ArtSci Center (Ars Eletronica Garden Los Angeles)
- > **UCLA SCIART SUMMER INSTITUTE** 2014, 2018, 2019, 2020  
Designing and leading several workshops as a senior instructor for the UCLA SciArt Summer Institute, Art|Sci Center and Lab (physical computing, AR, VR, microbiology, data-driven design; digital fabrication; microbiome engineering)
- > **FILE SAO PAULO** 2017  
Interstellar: Cross-Scale Space-Scapes (AR Augmented Reality, data-sonification, algorithmic modeling. With Mick Lorusso (Art|Sci UCLA) and Stavros Didakis (NYU Shanghai) at FILE Sao Paulo (Electronic Language International Festival)
- > **SIGRADI AND LIP - LAB FOR INNOVATION AND PROTOTYPING** 2015-2019  
Several workshops including 'Blob Factory', SiGraDi 2015 (algorithmic modeling and digital fabrication), and 'Wave Wall' algorithmic modeling, 2019 (Rhino and Grasshopper) and digital fabrication (CNC carving), with Daniel Lenz ; 'Arduino for Media Arts and Sciences: Cross-Scale Adventure'(Arduino Day, 2018).

## RESERACH GROUPS

2013-present  
ART|SCI COLLECTIVE  
Art|Sci Center and Lab, UCLA, US

2013-2014  
JAMES GIMZEWSKI LAB  
Chemistry/Biochemistry, UCLA, US

2009-2010  
THE PLANETARY COLLEGIUM  
University of Plymouth, UK

2009-2010  
TRANSTECHNOLOGY RESEARCH  
The University of Plymouth, UK

2007-2012  
POÉTICAS DIGITAIS  
University of Sao Paulo, USP, Brazil

2003-2006  
NOMADS.USP  
University of Sao Paulo, USP, Brazil



## EXHIBITIONS /ARTIST TALKS (SELECTED, RECENT)

- > SIGGRAPH ASIA 2019 ART GALLERY 2019  
SIGGRAPH Asia 2019 Art Gallery curated exhibition 'Deep Dreaming (futures)' (re)imagining the future technology-based artistic practices. (Installation: Political Crystal: Numinous Hashtags / data-sculptures), Brisbane, Australia
- > 中国可视化与可视分析大会艺术项目 (CHINA VISAP'20) 2020  
INVITED ARTIST FOR China VISAP'20 - China Visualization and Visual Analytics Conference Arts Program (art exhibition Invited works) work on show 'If You Hold the Stone Hold it in Your Hand' – COVID19 Data Sculptures (Clarissa Ribeiro, 2020))
- > ARS ELECTRONICA IN KEPLER'S GARDENS LIVE 2020  
Telluric Vibrations, UCLA Botanical Gardens – Los Angeles. Presenting the work 'If You Hold the Stone Hold it in Your Hand' – COVID19 Data Sculptures (Clarissa Ribeiro) Sat Sep 12, 2020, 4:00 pm- 5:00 pm (UTC +1) Online.
- > VICTORIA VESNA'S ALIEN STARDUST SIGNAL TO NOISE 2020  
Invited performance: Clarissa Ribeiro's 'Photoacoustic Meditation', 2020 (data-sculpture and live data-sonification portable device). [Alien] Star Dust: Signal to Noise is a project created by Victoria Vesna and co-produced with a team of artists and scientists to explore 'Star Dust' through sound
- > EVAC POM POLITICS OF THE MACHINE 2018  
EVAC POM Politics of the Machine, IT University Of Copenhagen, 2018 curated exhibition, installation and performance: TRANSPLANTING THE SELF: MICROBIOME ANTHROPOPHAGY (Clarissa Ribeiro)
- > ISEA 2018 DURBAN SOUTH AFRICA 2018  
ISEA 2018 Durban South Africa, curated exhibition and paper presentation. Wearable AR performance 'Be Sickel Cell Be a Hero' (Clarissa Ribeiro, and The CrossLab artist collective)
- > ISEA 2017 MANIZALES COLOMBIA 2017  
ISEA 2017 Manizales Colombia curated exhibition, AR Installation: Interstellar: Cross-Scale Space-Scapes ( Clarissa Ribeiro and The CrossLab artist collective in collaboration with Mick Lorusso)
- > IEEE VIS ARTS 2017 2017  
IEEE VIS ARTS 2017 invited artist for the curate exhibition, AR Installation: Interstellar: Cross-Scale Space-Scapes ( Clarissa Ribeiro and The CrossLab artist collective in collaboration with Mick Lorusso)
- > SOLO SHOW ART|SCI GALLERY 2014  
Solo Show Art|Sci Center Gallery, CNSI 5th floor, UCLA, Los Angeles. Performing Quantum Entanglement: Subtle Apparatuses for Nonlocal Affectiveness.



## EVENTS ORGANIZATION AND CURATORIAL PRACTICE

- > HOX ZODIAC DINNER (BRAZIL) JANUARY 2020 2020  
HOX ZODIAC DINNER (Brazil) January 2020, hoted by Clarissa Ribeiro and Hector Isaias, Fortaleza, Brazil. HOX ZODIAC project (www.hoxzodiac.com ) is a 12-year collaboration between artist Victoria Vesna and scientist Siddharth Ramakrishnan.
- > GLOBAL HOX QUARANTINE DINNER (BRAZIL) 2020  
GLOBAL HOX QUARANTINE DINNER (Brazil) April 2020, hoted by Clarissa Ribeiro, HOX ZODIAC project (www.hoxzodiac.com ) is a 12-year collaboration between artist Victoria Vesna and scientist Siddharth Ramakrishnan.
- > LEONARDO/ISAST LASER TALKS AND EXHIBITIONS 2017-2020  
Designing and organizing monthly Leonardo/ISAST LASER talks as the LASER talks chair in Fortaleza, Brazil and curating related exhibitions at the LIP Gallery (I Building, room 17, UNIFOR campus)

## REVIEWER / SCIENTIFIC COMMITTEE

2020  
IEEEVIS 2020 VIS Arts Program

2018-present  
POM Politics of the Machine  
conference series

2020-present  
Leonardo | The MIT Press

2019  
The Planetary Collegium 21st  
International Consciousness  
Reframed Conference

2019  
Journal of Science and Technology  
of the Arts – CITARJ, Porto

2019  
RE:SOUND – 8th International  
Conference on the Histories of  
Media Art, Science and Technology

2018  
Cybernetics & Human Knowing  
Special Issue invited reviewer – ‘A  
Tribute to the Messenger Shaman:  
Roy Ascott’

2019-present  
Pós-Limiar Journal PUC Campinas

2019-2020  
28° and 29° Annual conference of  
the ANPAP (Brazilian Society of  
Researchers in Fine Arts).

2019-2020  
SBGAMES - Artes & Design  
SBGames (Brazilian Symposium on  
Computer Games and Digital  
Entertainment) is the largest and  
most important event for games  
and digital entertainment in Latin  
America.



## JOURNALS AND BOOK CHAPTERS (SELECTED)

> LEONARDO 2020

IEEE VIS 2016 and 2017 Arts Program Gallery. Leonardo (Oxford), v.53, p.6 - 24, 2020  
[http://https://www.mitpressjournals.org/doi/abs/10.1162/leon\\_a\\_01837?mobileUi=0](http://https://www.mitpressjournals.org/doi/abs/10.1162/leon_a_01837?mobileUi=0)

> CIBERTEXTUALIDADES 2020

C. Ribeiro Poéticas cross-escalares: Antropofagias microbiológicas In: Investi-  
gação-Experimentação-Criação: em Arte-Ciência-Tecnologia, 1 ed. Porto:  
Publicações Universidade Fernando Pessoa, 2020, v.1, p. 255-272.  
<http://cibertextualidades.ufp.edu.pt/investigacao-experimentacao-criacao>

> FAROL 2020

C. Ribeiro, Sonhos Quimioinformáticos: da Noesis Molecular. FAROL (VITÓRIA). , v.1,  
p.60 - 71, 2020.  
<http://https://periodicos.ufes.br/farol/issue/view/1229>

> TECHNOETIC ARTS INTELLECT BOOKS 2018

C. Ribeiro, Molmedia: Communication at the elementary entity level. TECHNOETIC  
ARTS. , v.16, p.153 - 164, 2018.  
<http://www.intellectbooks.com/technoetic-arts-a-journal-of-speculative-research>

> SPRINGER 2015

C. Ribeiro, Entangled Sensorium: Subtle Apparatuses for Nonlocal Affectiveness. In:  
Antona M., Stephanidis C. (eds) UAHCI 2015. Lecture Notes in Computer Science, vol  
9178. Springer, Cham.  
[https://doi.org/10.1007/978-3-319-20687-5\\_7](https://doi.org/10.1007/978-3-319-20687-5_7)

> CYBERNETICS & HUMAN KNOWING 2015

C. Ribeiro, Transparent Dialogues: on Complex Affective Systems (CAFFS). CYBERNET-  
ICS & HUMAN KNOWING, v.23, p.45 - 56, 2015.  
<http://chkjournal.com/node/235>

> TECHNOETIC ARTS INTELLECT BOOKS 2012

C. Ribeiro, M. Szaafir, Love-in-idleness: Quantum entanglement dreamscapes. TECH-  
NOETIC ARTS, Volume 9, Numbers 2-3, May 2012, pp. 293-300(8)  
[https://doi.org/10.1386/tear.9.2-3.293\\_1](https://doi.org/10.1386/tear.9.2-3.293_1)



## CONFERENCE PAPERS (SELECTED)

> ISEA 2020 MONTREAL, CANADA 2020

C. Ribeiro. Inhaling Consciousness: Ecological Sentience at Molecular Level. Proceed-  
ings of the the 26th International Symposium on Electronic Art ISEA2020

> ISEA 2020 MONTREAL , CANADA 2020

C. Ribeiro. C. Jacques, L. Lessner. Mental Ecologies: Consciousness As An Emergent  
Phenomena. Proceedings of the the 26th International Symposium on Electronic Art  
ISEA2020.

> ISEA 2019 GWANJUI, SOUTH KOREA 2019

C. Ribeiro. Political Crystals: Numinous Hashtags. Proceedings of the 25th Interna-  
tional Symposium on Electronic Art ISEA 2019.

> ISEA 2019 GWANJUI, SOUTH KOREA 2019

C. Ribeiro, MICROBIOME ANTHROPOPHAGY. Proceedings of the 25th International  
Symposium on Electronic Art ISEA 2019.

> ISEA 2018 DURBAN, SOUTH AFRICA 2018

C. Ribeiro, et al. Be Sicklecill Be a Hero: Xenofantasies in Transparent Scenarios.  
Proceedings of the 24th International Symposium on Electronic Art.

> IEEE VIS ARTS PROGRAM (VISAP 2017), PHOENIX, AZ, USA 2018

C. Ribeiro, M. Lorusso and H. Rocha, Spatial reliefs: Cross-scale space-scapes, 2017  
IEEE VIS Arts Program (VISAP), Phoenix, AZ, 2017, pp. 1-5  
doi: 10.1109/VISAP.2017.8282368.

> ISEA 2016 HOG KONG, CHINA 2016

C. Ribeiro, Ulysses Pact: Metagenomic Entanglements In: 22nd International Sympo-  
sium on Electronic Art ISEA2016 Hong Kong, 2016