

SELECTED PUBLIC COMMISSIONS

- 202x** **Anyspace? Whatever.** Equal parts architectural installation and public forum, AW is an open examination of the social and cultural aspects of big data, privacy, the internet of things and the networked city. It is currently in development with grant support through the Knight Arts Challenge Detroit and a **2023 Creative Capital Award**.
- 2019** **Detroit Square: Transformer (Competition Winner DIA Plaza | Midtown Cultural Connections)** The DIA Plaza / Midtown Cultural Connections project is a complex challenge. rootoftwo as part of one of the 3 finalist teams, is developing the technology framework for digital infrastructure that turns the entire 83-acre site into a playable interactive urban landscape. Design Team: Agence Ter (Paris), Akoaki (Detroit) and rootoftwo (Detroit-based).
<https://www.midtownculturalconnections.com/> <https://transformer.rootoftwo.com>
- 2018** **Whithervanes: Miami** Whithervanes had its US premiere in Miami, Florida (April-September 2018). The project installed 3 Whithervanes (headless chicken weathervanes that track and measure the climate of fear on the Internet) in Miami neighborhoods, conducted 3 community engagement workshops, and two public talks. Commissioned by Locust Projects and funded by the Knight Foundation.
- 2014** **Whithervanes: a neurotic, early worrying system** Folkestone Triennial. Creative Foundation, Ltd. Curated by Lewis Biggs (formerly Liverpool Biennial & Tate Liverpool). A new commissioned work for a network of sculptures of five headless chickens, to be presented on the highest points of five buildings. The Whithervanes, 21st Century weathervanes, track and measure the climate of fear on the Internet. When fear is encountered, the chickens respond by rotating at increasing speeds and are illuminated different colors. They share real time news-feed data from around the world and passers-by will be able to influence their behavior via Twitter.
- 2012** **menotme** Rackham Building at the Woodward & Warren Corner, 100 Farnsworth, Detroit, Michigan, USA. Collaboration with daub. A new work for 'DLECTRICITY: A New Nighttime, Outdoor Contemporary Art Festival in Midtown Detroit. Curated by Midtown Detroit, Inc. and Art Detroit Now.
- 2009** **Shadow Pavilion** University of Michigan Matthaei Botanical Garden, Ann Arbor, Michigan, USA. Collaboration with PLY Architecture. This project was made possible by a Research-through-Making grant from Taubman College of Architecture and Urban Planning at the University of Michigan. Received AIA 2010 Small Project Practitioners Award, Architect Magazine's 2010 R+D Award for architectural research and was highly commended in the 2011 ar+d Awards for Emerging Architecture from the Architectural Review.

SELECTED GROUP EXHIBITIONS

- 2019** **Performance of Place - Visualizing Detroit's Emergent Cultural Infrastructure** Research project using techniques of deep mapping, critical cartography, and community engagement to reveal planned and unplanned places within Detroit that have the potential to bring diverse people together to serve as loci for a more inclusive recovery. Exhibited during "Mapping the Egalitarian Metropolis: Spaces of Hope" at Michigan Research Studio, 3901 Woodward Avenue, Detroit, May-June, 2019. Project Team: Cezanne Charles, John Marshall, Anya Sirota, and Harley Etienne.
- 2017-18** **RBTS 2.0** Selected to represent Detroit UNESCO City of Design at the 11th Annual Meeting of the UNESCO Creative Cities Network (UCCN) from June 29 to July 2, 2017 at the Centre des Arts (CDA) in Enghien-les-Bains, France. The exhibition then reopened September 14, 2017 to January 7, 2018 at the Cité du Design in Saint-Etienne, France. The exhibition 'Are you talking to me: Uses and applications of connected objects' is curated by Dominique Roland, Director of the Centre des Arts (CDA), and Olivier Peyricot, Designer and Director of the research department at the Cité du Design of Saint-Etienne. Exhibition design is by Isabelle Daëron.
- 2016-18** **Whithervanes: Open Hardware Kit** Also selected to represent Detroit UNESCO City of Design and then shown at the Cité du Design in Saint-Etienne, France. The kit is for non-profits/hacker-spaces, citizen journalists, activists, artists, designers and tinkerers that want to develop new

modes of access to, engagement with and common ownership of existing data streams using newsfeeds as the starting point.

- 2016-17** **rootoftwo: Whithervanes a neurotic, early worrying system** A short film about 'Whithervanes' by Anna McNay and Martin Kennedy of Studio International continues to be shown as part of the 'Neo-Nomad Project' an initiative of and first shown at SAPAR Contemporary Gallery + Incubator, New York. It was presented at KKA Atelier, Vienna by The Austrian Federal Chancellery and KulturKontakt Austria in September 2016, and at the University of the Arts, Helsinki, Finland in co-operation with HIAP (Helsinki International Artist Programme), in March 2017. Curated by Basak Senova.
- 2015** **Resonance** Awarded permanent public interactive light work that will consist of an array of 18" wide LED light boxes mounted on the walls and ceiling of the Second Avenue viaduct in Detroit. 'Resonance' is one of three public Midtown Viaduct commissions chosen from a competitive international request for proposals. Produced and commissioned by Midtown Detroit, Inc. Project remains unbuilt.
- 2015** **RBTS 1.0** Exhibition at Kellogg Center, Michigan State University to coincide with keynote presentation at HASTAC 2015.
- 2014** **RBTS 1.0 'DETROIT MADE'** exhibition at the Detroit Design Festival and at DDF Design Village @ DLECTRICITY. The selected studios were: The Smith Shop; Detroit Wallpaper Co.; Cyberoptix Tie Lab; Carhartt; The Floyd Leg; rootoftwo, LLC; Ali Sandifer; Mobel Link; Sundberg Ferar; and Shinola. rootoftwo were one of ten studios nominated by an advisory council and then selected according to criteria that included material use, functionality, impact and potential international significance of work.
- 2012-13** **Nora & Torvald (the romance novel)** 'The Love Library' at iMOCA (Indianapolis Museum of Contemporary Art) in Indianapolis, Indiana. Printed Matter Inc. in New York, New York. Spencer Museum of Art in Lawrence, Kansas. MOCAD (Museum of Contemporary Art, Detroit) in Detroit, Michigan. Curated by Chido Johnson.
- 2012** **ba-b&l (1111011100)** 'Post Industrial Complex'. MOCAD (Museum of Contemporary Art, Detroit). Detroit, Michigan. Curated by Jon Brumit & Katie McGowan.
- 2010** **THR_33 (Teahouse for Robots)** 'Trouble in Paradise/Medi(t)ation of Survival'. The National Museum of Modern Art, Kyoto, Japan. Curated by Shinji Kohmoto.

SELECTED BOOKS + PUBLICATIONS

- 2022** 'Not at all evenly distributed' Book chapter. In the Routledge Companion to Media and the City edited by Brendan Kredell, Erica Stein, and Germaine Haleboua. ISBN 9780367441111.
- 2022** 'The Cultural Center Planning Initiative: Transformer Digital Strategy Pilots 2021-2022' Catalog. rootoftwo. Cézanne Charles, John Marshall and Elizabeth Vander Veen. Detroit: rootoftwo LLC. ISBN: 978-1-7354079-1-3
- 2020** 'Living X: 22 Projects Explore the Changing Landscape and Narrative of Detroit and Its Neighborhoods' Catalog. rootoftwo. Cezanne Charles & John Marshall (eds.) ISBN 978-1-7354079-0-6.
- 2019** 'Discursive Design: Critical, Speculative, and Alternative Things' Features Whithervanes. Book. MIT Press. Bruce & Stephanie Tharp. ISBN 9780262038980
- 2018** 'Locust Projects: The 20th Anniversary Retrospective 1998-2018' Features Whithervanes. Book. Tra Publishing. ISBN 978-1-7322978-1-4.
- 2017** Data Cities
Exhibition Catalog. Centre des Arts. 225 pages ISBN 9782916639444
- 2017** Saint-Étienne International Design Biennial 2017. Working Promesse. Les Mutations Du Travail (Shifting Paradigms of Works). Cite Du Design. 200 pages ISBN-10: 2912808715
ISBN-13: 978-2912808714
- 2014** 'TBD Catalog, Volume 9, Issue 24' Aaron Straup Cope; Bruce Sterling; Cézanne Charles; Chris Woebken; Christian Svanes Kolding; Emmet Byrne; James Bridle; John Marshall; Julian Bleecker; Karl Daubmann; Marc Greuther; Marcus Bleecker; Moka Pantages; Nick Foster; Nicolas Nova; Raphael Grignani. Near Future Laboratory LLC, ISBN 9780990563303.

SELECTED PRESS

- 2019** 'New Plan Aims to Revamp Midtown Detroit, the City's Cultural Hub' Rebecca Greenwald
<https://www.metropolismag.com/cities/detroit-dia-plaza-plan/>
- 2019** 'Finalists present bold visions for the future of Detroit's museum district' Karen Dybis
<https://archpaper.com/2019/01/finalists-present-bold-visions-detroit-institute-of-arts/#gallery-0-slide-0>
- 2018** 'These Headless Chickens Spin Frantically When the News Gets Bad.' Ben Paynter.
<https://www.fastcompany.com/40555962/these-headless-chickens-spin-frantically-when-the-news-gets-bad>
- 2014** 'These Weather Vanes Spin When There's Bad News' Margaret Rhodes.
<http://www.wired.com/2014/09/weather-vanes-spin-around-threat-levels-internet-go/>

GRANTS + AWARDS

Marshall + Charles have been recipients of numerous grants and awards including a 2023 Creative Capital Award for "Anyspace? Whatever."; a commission from Midtown Detroit Inc. for the Cultural Center Planning Initiative technology master-planning; Mellon Foundation Taubman College (re-grant recipient 2019); two Knight Arts Challenge Awards (2015, 2014); University of Michigan Faculty Research (multiple 2008-2015), Arts Council England, and Arts & Humanities Research Council grants (UK).

INVITED PRESENTATIONS

Charles + Marshall are both active presenters nationally and internationally about their creative work, related research and creative practice topics including design research, science and technology studies, creative industries, speculative/critical design and networked cities and design for speculative/future urban conditions. Recent examples include the Include Conference 2019 for the Royal College of Art + CCS (Detroit); MOCAD Intersections: Art + Science Dialogues (Detroit); Sketching in Hardware (Detroit); Locust Projects Artist Talk (Miami); and SXSW Eco Place x Design Finalist Presentation (Austin).

RESIDENCIES

2013 - The Center for Land Use Interpretation's Wendover Residence Program. Wendover Airbase is situated in 3.5 million acres of desert, including the Great Salt Lake, Utah. Residency to conduct tests for a new project.

CHARLES EDUCATION

- 2015** MPA, Ford School of Public Policy University of Michigan (emphasis Science + Tech Public Policy)
- 1997** BA, Theatre Studies Ohio State University

PROFESSIONAL APPOINTMENTS + SERVICE

Cézanne serves on the Board of Allied Media Projects, Design Core's UNESCO City of Design Stewardship Board, Michigan Central Art Program Advisory (Ford, Google, and Newlab), MOCAD Board of Directors, and the Michigan Arts & Cultural Council. From 2008-2019 Dir. of Creative Industries, Creative Many. From 2004-2007 Executive Director, New Media Scotland.

MARSHALL EDUCATION

- 2008** PhD, Design and Technology, The Robert Gordon University
- 1997** MA, Art as Environment, The Manchester Metropolitan University
- 1996** MFA, Sculpture, The Ohio State University
- 1993** BA (Hons), Fine Art, Glasgow School of Art

PROFESSIONAL APPOINTMENTS + SERVICE

From 2014 - 2020 John served as the Founding Director, MDes in Integrative Design and is an Associate Professor (with tenure) at the Penny W. Stamps School of Art & Design and Associate Professor (without tenure) at the Taubman College of Architecture + Urban Planning - University of Michigan. He joined in 2008 as Assistant Professor (tenure-track).