# RAFAEL LOZANO-HEMMER

b. 1967, Mexico City, Mexico Lives and works in Montréal and Madrid

Rafael Lozano-Hemmer is known for creating large-scale interactive installations in public spaces throughout Europe, Asia, and North America. Using robotics, custom software, projections, internet links, cell phones, sensors, LEDs, cameras, tracking systems, and often employing vanguard technologies, his "Antimonuments" challenge traditional notions of site-specificity, and instead focus on the idea of creating relationship-specific work through connective interfaces. His smaller-scale "Subsculptures" and his work in photography, video, and installation explore themes of surveillance, perception, and deception. Since his emergence in the 1990s, Lozano-Hemmer has mixed the disparate fields of digital media, robotics, medical science, performance art, and lived experience into interactive artworks.

His public artworks have been commissioned for the Philadelphia Association for Public Art (2012); La Triennale québécoise, Montreal, Canada (2011); Winter Olympics, Vancouver, Canada (2010); Federation Square, Melbourne, Australia (2010); the 50th Anniversary of the Guggenheim Museum, New York (2009); the memorial for the Tlatelolco Student Massacre, Mexico City (2008); Madison Square Park, New York (2008); Trafalgar Square, London (2008); Québec City's 400th Anniversary (2008); the Expansion of the European Union, Dublin, Ireland (2004); the opening of the YCAM Center, Yamaguchi, Japan (2003); and the Millennium Celebrations, Mexico City (1999).

Featured recently in solo exhibitions at the Hirshhorn Museum and Sculpture Center, Washington D.C.; San Francisco Museum of Modern Art; the Fundación Telefónica, Buenos Aires; and the Museum of Contemporary Art, Sydney; Lozano-Hemmer was the first artist to represent Mexico at its national pavilion at the 52nd Venice Biennale. Collections holding his work include the Museum of Modern Art, New York; Tate Modern, London; Art Gallery of Ontario, Toronto; Cisneros Fontanals Art Foundation, Miami; Colección Jumex, Mexico City; Museo Universitario de Arte Contemporáneo, Mexico City; DAROS Latinamerica Collection, Zurich; Borusan Contemporary, Istanbul; 21st C Museum of Art, Kanazawa; Manchester Art Gallery, UK; MUSAC, Leon; MONA, Hobart; ZKM, Karlsruhe; the Musée d'art contemporain de Montréal and Singapore Art Museum, among others.

Past exhibitions of his work have also included The Barbican Centre, London; The Museum of Art, Hong Kong; and La Gaîté Lyrique, Paris; Kulczyk Foundation, Poznan; Art Basel Unlimited; and art biennials in Moscow, New Orleans, Shanghai, Sydney, Singapore, Liverpool, Istanbul, Seville, Seoul, Graz, and Havana. A recipient of the International Bauhaus Award in Dessau, his honors also include the Golden Nica from Ars Electronica, a Rockefeller Fellowship, a Daniel Langlois Foundation grant, two British Academy of Film and Television Arts awards in Interactive Art, and the Trophée des Lumières in Lyon.

1989 B.Sc. In Physical Chemistry from Concordia University, Montréal

### **SOLO EXHIBITIONS**

2020 *Unstable Presence,* San Francisco Museum of Modern Art, San Francisco, CA; curated by Rudolf Frieling and Lesley Johnstone (forthcoming)

Latidos, Arte Abierto, Meixco City, Mexico (forthcoming)

2019 Border Turner / Sintonizador Fronterizo, Chamizal Park, Ciudad Juárez, Mexico / El Paso, CA Rafael Lozano-Hemmer: Unstable Presence, Museo de arte contemporáneo de Monterrey, Monterrey, Mexico Atmospheric Memory, Manchester International Festival, Science and Industry Museum, Manchester, England Flujo Óptico, Max Estrella Gallery, Madrid, Spain

Metrónomos, permanent installation, Museo de la Memoria y Tolerancia, Mexico City, Mexico

2018 Rafael Lozano-Hemmer: , Mexican Cultural Institute Washington D.C.; curated by Stephane Aquin Pulse, Hirshhorn Museum and Sculpture Garden, Washington, D.C.

Rafael Lozano-Hemmer: Solar Equation, Musée national des beaux-arts du Québec, Québec,

Québec, Canada; curated by Bernard Lamarche

Voice Theatre, Augusta Raurica, Basel, Switzerland

Unstable Presence, Musee d'Art Contemporain de Montreal, Montreal, Canada

Decision Forest, Amorepacific Museum of Art, Seoul, South Korea

2017 Colorimeter, Quebec, Canada

Pulse Museum, Museum of Old and New Art, Hobart, Australia

2016 Rafael Lozano-Hemmer: Transition States, Gund Gallery, Kenyon College, Gambier, OH Preabsence, HeK, Basel, Switzerland; curated by Sabine Himmelsbach

2015 Rafael Lozano-Hemmer: Pseudomatismos, MUAC Museum, Mexico City, Mexico

Lapus Lumen, bitforms gallery, New York, NY

Solar Equation, Ulm Cathedral, Ulm, Germany

Level of Confidence, Galeria Andrea Pozzo, Universidad Iberoamericana, Mexico

Rafael Lozano-Hemmer: Polynomials, Art Bartschi, Geneva, Switzerland

2014 A Draft of Shadows, Bildmuseet, Umeä, Sweden

Signos e Índices, NC-arte, Bogotá, Columbia

Fiducial Voice Beacons, permanent installation, Information Age Gallery, Science Museum, London, England Obra Sonora, Carroll/Fletcher Gallery, London, England

Zero Noon, permanent installation, Fidelity HQ, Boston, Massachusetts

Pulse Spiral, Exploratorium, San Francisco, CA

Abstracción Biométrica Fundación Telefónica, Madrid, Spain

Polímeros, Max Estrella Gallery, Madrid, Spain

Close Up and The Year's Midnight, Canada Council For the Arts, Ottawa, Canada

2013 Matriz de Voz, Rio de Janeiro, Brazil

Pulse Room, International Charitable Foundation "IZOLYATSIA, Platform for cultural initiatives", Donetsk, Ukraine

Vicious Circular Breathing, Borusan Contemporary, Istanbul, Turkey

Voice Tunnel, Department of Transportation Summer Streets, Park Avenue Tunnel, New York

Airborne, Virginia Arts Festival, commissioned by the Chrysler Museum of Art, Norfolk, VA

Rafael Lozano-Hemmer: No Hay Mariachi, bitforms gallery stand, the Armory Show, New York, NY Close up and The Year's Midnight, International Symposium on Electronic Art, Sydney, Australia

2012 Frequency and Volume, San Francisco Museum of Modern Art, San Francisco, CA

Trackers, Fundación Telefónica, Buenos Aires, Argentina

*Open Air,* Benjamin Franklin Parkway, commissioned by Association for Public Art, Philadelphia, PA *Voice Array*, bitforms gallery, New York, NY

X no es la nueva Y, Galeria OMR, Mexico City, Mexico

2011 Recorders, Museum of Contemporary Art, Sydney, Australia

Please Empty Your Pockets, Music House, Borusan Foundation, Istanbul, Turkey

Trackers, La Gaîté Lyrique, Paris, France

Pulse Index, Borusan Contemporary, Istanbul, Turkey

Pulse Spiral, Pei Ling Chan Gallery, Savannah College of Art and Design, Savannah, GA

2010 Pulse Show, Beall Center, University of California, Irvine, CA

Recorders, Manchester Art Gallery, Manchester, England

Sandbox, Glow, Santa Monica Beach, Santa Monica, CA

Vectorial Elevation, Cultural Olympiad, English Bay, Vancouver, Canada

Solar Equation, Light in the Winter Festival, Federation Square, Melbourne, Australia

Surveillance Materialized, Max Estrella Gallery, Madrid, Spain

2009 Levels of Nothingness, Works and Process Series, Guggenheim Museum, New York, NY

Pulse Glow, Glow Festival, City Hall, Eindhoven, The Netherlands

Transition States, Haunch of Venison, New York, NY

Make-Out, "Extra-Muros", Mutek Festival 10th Anniversary, Red light district, Montréal, Canada

Recent Works, Galerie Guy Bärtschi, Geneva, Switzerland

2008 Rafael Lozano-Hemmer, bitforms gallery, New York

Pulse Park, Madison Square Park, New York, NY

Frequency and Volume, The Curve, Barbican Centre, London, England

Arrays, Haunch of Venison, London, England

Recorders, Edith Ruß Haus für Medienkunst, Oldenburg, Germany

Retrospective, Institute of Contemporary Art, London, England

Body Movies, Québec City's 400th Anniversary, Québec City, Canada

Voz Alta, Memorial for the 1968 student massacre, Tlatelolco, Mexico City, Mexico

Under Scan, Trafalgar Square, London, England

Body Movies, Te Papa Museum, Wellington, New Zealand

2007 Pulse Front: Relational Architecture 12, Luminato Festival, Toronto, Canada

Homographies, TD Centre Linkway, Toronto, Canada

Venice Biennale 52<sup>nd</sup> International Art Exhibition (Mexico), Venice, Italy

Art Basel Unlimited, Art 38 Basel Fair, Basel, Switzerland

2006 Rafael Lozano-Hemmer, bitforms gallery, New York, NY

Body Movies, Museum of Art, HK Arts Development Council, Hong Kong, China

Under Scan, public art commission, East Midlands Development Agency, Nottingham, Derby,

Northampton, Leicester, England

33 Questions per Minute, Spots Mediafaçade with realities:united, Potsdamer Platz 10, Berlin, Germany

2005 Subsculptures, Galerie Guy Bärtschi, Geneva, Switzerland

Under Scan, public art commission, East Midlands Development Agency, Lincoln,

Brayford University Campus, England

Subtitled Public, Sala de Arte Público Siqueiros, Mexico City, Mexico

2004 Rafael Lozano-Hemmer, OMR Gallery, Mexico City, Mexico

Vectorial Elevation, EU expansion celebrations, O'Connell Street, Dublin, Ireland

2003 Rafael Lozano-Hemmer, bitforms gallery, New York, NY

Vectorial Elevation, Fête des Lumières, Place Bellecour, Lyon, France

Amodal Suspension, Yamaguchi Center for Art and Media, Yamaguchi, Japan. Access Pods and terminals for the piece were installed at: MACBA in Barcelona, MARS Lab in Bonn, C3 in Budapest, Fundación Telefónica in Buenos Aires, MIT MediaLab in Cambridge, Bauhaus in Dessau, IAMAS in Ogaki, ZKM in Karlsruhe, Kyoto Art Center in Kyoto, FACT in Liverpool, Science Museum in London, Ojo Atómico in Madrid, Laboratorio Arte Alameda in Mexico City, SAT in Montréal, Sarai in New Delhi, Eyebeam in New York City, Wood Street Galleries in Pittsburgh, V2\_Organisatie in Rotterdam, Itaú Cultural Center in São Paulo, Sendai Mediatheque in Sendai, Art Center Nabi in Seoul, NTT-ICC in Tokyo, MeSci in Tokyo, Ontario Science Centre in Toronto, Emily Carr in Vancouver, WRO Center in Wroclaw and Multimedia Institute in Zagreb.

Relational Architectures, Laboratorio Arte Alameda, Mexico City, Mexico

Body Movies, Duisburg Akzente, Duisburg, Germany

2002 Vectorial Elevation, Artium, Basque Contemporary Art Museum, Vitoria-Gasteiz, Spain

Two Origins, Place du Capitole, Printemps de Septembre Festival, Toulouse, France

2001 Body Movies, Cultural Capital of Europe Festival, V2 Grounding, Rotterdam, The Netherlands

#### **GROUP EXHIBITIONS**

2020 School Photos and Their Afterlives, Hood Museum of Art, Hanover, NH (forthcoming)

2019 The Future and the Arts, Mori Art Museum, Tokyo, Japan; curated by Fumio Nanjo, Kinchi Kondo, Honor Hager Arts of the World, Musée des Beaux-Arts Montréal, Montréal, Québec, Canada

Cadavre Exquis, Phi Centre, Montréal, Quebec, Canada

Open Codes. We Are Data, Azkuna Zentroa, Alhóndiga Bilbao, Bilbao, Spain

Asuntos de Nuestro Espacio, Centro Cultural Rojas, Buenos Aires, Argentina

Project 1, Art Prize, Grand Rapids, MI

Infinity Clock: Artworks on Time, Orange Door Chicago, Chicago, IL

The Watchers. The 8th Floor, New York, NY: curated by Sara Reisman

Mutual Reality: Art on the Edge of Technology, Scottsdale Museum of Contemporary Art, Scottsdale, AZ

La Tête dans le Nuage, Musée de la Civilation, Québec, Canada

Reincarnation of Media Art, WRO Art Center, Wrocław, Poland; curated by Exonemo

Montluçon Art Mobile, Fond d'Art Moderne et Contemporaine, Montluçon, France

Now Is the Time, Wuzhen Biennale, Wuzhen, China

Writing the History of the Future, Zentrum für Kunst und Medien, Karlsruhe, Germany; curated by Peter Weibel

Faces, Museum of Modern and Contemporary Art, Mallorca, Spain

Sandbox, Llum Festival, Barcelona, Spain

bitforms gallery LA, ROW DTLA, Los Angeles, CA

2018 Art in the Age of the Internet, 1989 to Today, UMMA - University of Michigan Museum of Art, Ann Arbor, MI

Entangle / Physics and the Artistic Imagination, Bildmuseet Umeå University, Umeå, Sweden

12th Shanghai Biennale, 12th Shanghai Biennale, Shanghai, China

Unsettled, Palm Springs Art Museum, Palm Springs, CA

La No Comunidad, CentroCentro, Madrid, Spain

Temporalidades Arte Latinoamericano, Museo de Arte e Historia de Guanajuato, Guanajuato, Mexico

Üvercinka A Selection from the Borusan Contemporary Art Collection, Borusan Contemporary, Istanbul, Turkey

Message from Our Planet, Orange Door Chicago - Thoma Foundation, Chicago, IL

Reincarnation of Art Media, Yamaguchi Center for Arts and Media, Yamaguchi, Japan

I Was Raised on the Internet, Museum of Contemporary Art Chicago, Chicago, IL

Global Positioning System Not Working, Akademie der Künste der Welt, Cologne, Germany

Unsettled, Anchorage Museum, Anchorage, AK

You Are Here: Light, Color, and Sound Experiences, North Carolina Museum of Art, Raleigh, NC

Relations, Kunstkraftwerk, Leipzig, Germany

Printemps Numérique X 5 á 9 au McCord, McCord Museum, Montreal, Quebec. Canada

L'Invention de Morel, Maison de l'Amerique Latine, Paris, France

Reality Machines - An Art Exhibit on Post-Truth, CRASSH, Cambridge, England

Authenticate, Cypress College Art Gallery, Cypress, CA

The Armory Show, Galería Max Estrella, New York City, NY

New Media, New Millennium: Digital Art from the Thoma Foundation, Hunter Museum of American Art, Chattanooga, TN

Art in the Age of the Internet, 1989 to Today, The Institute of Contemporary Art Boston, Boston,

Corpus, New Media Gallery, New Westminster, British-Columbia, Canada

Group exhibition, D.I.X., Genéve, Switzerland

¡VIVA!, Projective Eye Gallery - UNC, Charlotte, NC

2017 NGV Triennale, National Gallery of Victoria, Melbourne, Australia

Untitled Art fair, bitforms gallery, Miami, FL

B3 Biennial of the Moving Image, Four Frankfurt, Frankfurt, Germany

La Ciudad de México en el Arte. Travesía de Ocho Siglos., Museo de la Ciudad de México, Mexico City, México

Aproximacions Creatives - Collecció BEEP d'Art Electrónic, Museo Salvador Vilaseca, Reus, Spain

Electronic Superhighway (1966-2016), Museum of Art, Architecture, and Technology, Lisbon, Portugal

Lección de Arte, Museo Thyssen-Bornemisza, Madrid, Spain

Sin Título (Untitled), Jonathan Ferrara Gallery, NO; curated by Dan Cameron

Drawn from a Score, Beall Center, Irvine, CA; curated by David Familian

Future Shock, Site Santa Fe, Santa Fe, NM; curated by Irene Hofmann

Art of the Selfie, Helen Day Art Center, Stowe, VT

Viva. 22London. Asheville. NC

Never the Same: What (else) Can Art Writing Do?, Contemporary Calgary, Calgary, Alberta, Canada

Datumsoria, Zentrum für Kunst und Medientechnologie, Karlsruhe, Germany; curated by Zhang Ga

KM3, Quartier des Spectacles Montréal, Montréal, Québec, Canada

Blood, Science Gallery Melbourne, Melbourne, Australia

Soundtracks, SFMOMA, San Francisco, CA; curated by Rudolf Frieling and Tanya Zimbardo

Collectiva 23° Aniversario, Galería Max Estrella, Madrid, Spain

Collective V, Art Bärtschi & Cie, Genève, Switzerland

Wavefunction, University of Michigan Museum of Art, Ann Arbor, MI

Seeing Now, 21c Museum, Nashville, TN

Citizens, Petach Tikva Museum of Art, Petah Tikva, Israel

The Rise of Bio-Society, Riddoch Art Gallery, Mount Gambier, Australia

From Selfie to Self-Expression, Saatchi Gallery, London, England

No Secrets!, ERES Stiftung, Munich, Germany

Nothing to Hide? Art. Surveillance, and Privacy, Real Art Ways, Hartford, CT; curated by: Jessica Hodin and Edward A. Shaken

Discursos Premeditats, Col·lecció Fundación Caja Mediterráneo, Centre del Carme, Valencia, Spain; curated by Rosa Maria Castells

Virtual Views: Digital Art from the Thoma Foundation, Knoxville Museum of Art, Knoxville, TN; Orlando Museum of Art, Orlando, FL; curated by Jason Foumberg

2016 Bienal de Cuenca, Casa Bienal, Cuenca, Ecuador; curated by Dan Cameron

Looking at One Thing and Thinking of Something Else, Carroll / Fletcher Gallery, London, England

13th International Cuenca Biennial, Universes in Universe, Cuence, Ecuador; curated by Dan Cameron

Fifteen-Year Anniversary Exhibition, Minnesota Street Project, San Francisco, CA

De Muerte Presente, Kunstmuseum Heidenheim, Heidenheim, Germany

Fairholme Unlimited Foundation, Lowe Art Museum, Coral Gables, FL

Witness, New Media Gallery, Vancouver, B.C, Canada

Robots Building Robots, Hedreen Gallery, Seattle University, Seattle, WA

Mouse in the Machine: Nature in the Age of Digital Art, Art House, Santa Fe, NM

Electronic Superhighway, Whitechapel Gallery, London, England

2015 Big Bang Data, Somerset House, London, England

Nivel de Confianza, Aluna Art Foundation, Miami, FL

Global Control and Censorship, ZKM, Karlsruhe, Germany

Sensory Systems, Grundy Art Gallery, Blackpool, England

Performing Likeness, FWCA, Forth Worth, TX

Zero Noon, Fidelity Head Quarters, Boston, MA

ANT, Galeria Punto, Valencia, Spain

Nivel de Confianza, Galeria Andrea Pozzo, Universidad Iberoamericano, Mexico City, Mexico

Heart Ibiza, Ibiza Hotel, Ibiza, Spain

Luminous Flux v2.0, Thoma Foundation, Santa Fe, NM

Memory Burn, bitforms gallery, New York, NY

Fuera de Lugar, Museu del Disseny de Barcelona, Barcelona, Spain

E-Merge, Arsenal Contemporary Art, Montreal, Quebec, Canada

Calvino after Calvino, Blue Project Foundation, Barcelona, Spain

Dark MoFo Festival, Detached, Hobart, Australia

Aesthetica 50 Years of Computer Generated Art, DAM Gallery, Berlin, Germany

Nivel de Confianza, Ciudad Juarez, Mexico

Poetics and Politics of Data, HEK, Basel, Switzerland

Surveillance Awareness Bureau, Modelab, Wellington, New Zealand

C2 Conference+Creativity, Arsenal, Montréal, Québec, Canada

Royal Canadian Academy of Arts, Beaux Arts des Ameriques Gallery, Montréal, Québec, Canada

Art and Conflict Symposium, Wolfson College, University of Oxford, Oxford, England

Eurocaravana 43, Juicebrothers No2, Vienna, Austria

Nivel de Confianza, The Neon Rex Project, Mexico City, Mexico

Public Art Fund Spring Benefit, New York, NY

Nivel de Confianza, Museo Universitario Arte Contemporaneo, Mexico City, Mexico

Nivel de Confianza, Centro Nacional de las Artes CENART – Galería de Arte Electrónico Manuel Felguérez, Mexico City, Mexico

The Governor General's Awards in Visual and Media Arts 2015, National Gallery of Canada, Ottawa, Ontario, Canada

Level of Confidence, FOFA Gallery, Montréal, Québec, Canada

Escuela Experimental de Arte, Centro Cultural de España en Tegucigalpa, Tegucigalpa, Honduras

Vídeo-Régimen, Museo Lázaro Galdiano, Madrid, Spain

Seeing Through Light, Guggenheim Abu Dhabi, Abu Dhabi, United Arab Emirates

2014 Kochi-Muziris Biennale, Kochi, India; curated by Jitish Kallat

Art Basel Miami Beach, with OMR Gallery, Miami, FL

Untitled Art Fair, with bitforms gallery and Max Estrella Gallery, Miami, FL

Surface Tension, 1+2 Colección Jumex in Dialogue with Lowe Art Museum, Lowe Art Museum, Miami, FL

Intervención Literal, Cruce de Colecciones, CAAM, Las Palmas, Spain

Seeing Through Light, Guggenheim Abu Dhabi, Abu Dhabi, United Arab Emirates

2015 Recent Acquisitions, National Gallery of Victoria, Melbourne, Australia

ArtBO, with OMR Gallery, Bogotá, Colombia

Blood, Science Gallery, Trinity College, Dublin, Ireland

Limited Visibility, Contemporary Art Museum, Raleigh, NC

Luminous Flux: Digital and Geometric Art from the Thoma Foundation, Art House, Santa Fe, NM

Pencil/Line/Eraser, Carroll/Fletcher Gallery, London, England

Digital Revolution, Barbican Centre, London, England

Collective III, Art Bärtschi, Genève, Switzerland

1 + 1 = 1, When Collections Collide, Musée des beaux-arts de Montréal, Montréal, Canada

La Beauté du geste / The Grace of a Gesture, Musée d'Art Contemporain de Montréal, Montréal, Canada

DarkMOFO Festival, Museum of Old and New Art, Hobart, Tasmania, Australia

Digital Latin America, 516 Arts, Albuquerque, NM

Identity Control, Vadehra Art Gallery, New Delhi, India

Art Basel, OMR Gallery stand, Hong Kong, China

Seeing Now, 21C Museum, Louisville, KY

Art Brussels Fair, Carroll/Fletcher Gallery and Max Estrella Gallery stands, Brussels, Belgium

The Art of Data II, Boulder Museum of Contemporary Art, Boulder, CO

SP-arte Fair, Baró Gallery stand, Sao Paulo, Sao Paulo, Brazil

"Permission to be Global", Museum of Fine Arts Boston, Boston, MA

Art Dubai, Carroll/Fletcher Gallery and Baró Gallery, Dubai, United Arab Emirates

Portrait, TrépanierBaer Gallery, Calgary, Alberta, Canada

Armory Show, Baró Gallery, New York City, New York, NY

Everybody is Nobody for Somebody from the Kulczyk Collection, Fundación Banco Santander, Madrid, Spain

ARCO, with Max Estrella Gallery and Carrol/Fletcher Gallery, Madrid, Spain

Zona MACO, with OMR Gallery and Max Estrella Gallery, Mexico City, México

2013 An Antipode so close..., Vadehra Art Gallery, New Delhi, India

Permission to be Global, Cisneros Fontanals Art Foundation, Miami, FL

INTER[IN]VENÇÃO, Fundação Eugénio de Almeida, Évora, Portugal

0 to 60: The Experience of Time through Contemporary Art, Pratt Manhattan Gallery, New York, NY

Lumiere, Durham University Science Site, Durham, England

Modern Contemporary permanent collection, North Carolina Museum of Art, Raleigh, NC

5000 Moving Parts, MIT Museum, Cambridge, MA

The Art of Ideas Festival, 21c Museum, Louisville, KY

The Art of Data, Aspen Ideas Festival, Resnick Gallery, Aspen, CO

Collective II, Galerie Guy Bärtschi, Geneva, Switzerland

The Red Queen, MONA Museum, Hobart, Tazmania, Australia

A Different Kind of Order: The ICP Triennial, International Center of Photography, New York, NY

Art Rock Festival, La Passerelle, Saint-Brieuc, France

Inner Journeys, Maison Particuu liére, Brussels, Belgium

Virginia Arts Festival, Norfolk, VA

Volume: Hear Here, Justina M. Barnicke Gallery, Univ. of Toronto, Toronto, Canada

0 to 60: The Experience of Time through Contemporary Art, North Carolina Museum of Art, Raleigh, NC

Nothing is more optimistic than Stjärnsund, Primera Bienal Del Sur, Panama City, Panama

Desplazamientos, The Museum of Contemporary Art in Tamaulipas, Matamoros, Mexico

Monaism, Museum of Old and New Art, Hobart, Australia

Viral, Art Museum of the Americas, Washington, D.C.

New Frontier, Sundance Film Festival, Park City, UT

2012 Unsaid/Unspoken, Cisneros Fontanals Art Foundation, Miami, FL

Son et Lumière, 21st Century Museum of Contemporary Art, Kanazawa, Japan

Copenhagen Art Festival, Nikolaj Kunsthal, Copenhagen, Denmark

Field Conditions, San Francisco Museum of Modern Art, San Francisco, CA

Pulse Park, Jahrhunderthalle Park, Ruhr Triennial, Bochum, Germany

Pulse Drip, Urdaibai Park, Urdaibai, Spain

WBA3: Architecture in the Expanded Field, Wattis Institute of Contemporary Art, San Francisco, CA

Play with me, Museum of Latin American Art, Los Angeles, CA

C2-MTL Conference, Montreal, Canada

Migration, ARNDT Gallery, Sydney, Australia

Focal Points: Art and Photography, Manchester Art Gallery, Manchester, England

Time-Lapse, SITE Santa Fe, NM

Transverso: Instalaciones y nuevos medios en Iberoamérica, Instituto Valencia de Arte Moderno,

Valencia, Spain

Zones of Contention, Weatherspoon Art Museum, Greensboro, NC

Cisneros Fontanals Foundation Collection, Museo Nacional de Bellas Artes, Havana, Cuba

Last Breath, 11th Bienal de la Habana, Havana, Cuba

2011 No, No, I Hardly Ever Miss a Show, Zacheta National Gallery of Art, Warsaw, Poland

Digital Marrakech, Marrakech, Morroco

The space between now and then, Galeria OMR, Mexico, Mexico

Machina, Medium, Apparatus, Laboratorio Arte Alameda, Mexico City, Mexico

Seeing/Knowing, Gund Gallery, The New Museum of Modern and Contemporary Art, Kenyon

College, Kenyon, OH

Resonance: Looking for Mr. McLuhan, Pratt Manhattan Gallery, New York, NY

Espectros, Arts Santa Mònica, Barcelona, Spain

La Triennale québécoise, Musée d'art contemporain, Montreal, Canada

Decode: Digital Design Sensations, Design Museum, Holon, Israel

AA2, AKC Medika Gallery, Zagreb, Croatia

"Rewriting Worlds": The 4th Moscow Biennale, Moscow, Russia

Global Contemporary, ZKM Museum of Contemporary Art, Karlsruhe, Germany

Borusan Contemporary, Perili Köşk, Istanbul, Turkey

Memorial da America Latina, Saul Paulo, Brazil

Drawing in Relation, DNA Gallery, Berlin, Germany

Freedom to Create, National Gallery of Bosnia and Herzegovina, Sarajevo

Interconexiones, Pinacoteca Diego Rivera, Xalapa, Veracruz, Mexico

Non-site, Centre for Contemporary Art, Ujazdowski Castle, Warsaw, Poland

Interacción I/O/I, Disseny Hub IDAT, Barcelona, Spain

Between Chaos & Seduction: Contemporary Art from Mexico, ROM ICC, Toronto, Canada

Singapore Biennial, Marina Bay, Singapore

Decode: digital design sensations, The Garage CCC, Moscow, Russia

Extimidad, Es Baluard Museum, Palma de Mallorca, Spain

Zona Maco, Centro Banamex, Mexico City, Mexico

Madison Square Park Spring Party and auction, Madison Square Park Conservancy, New York, NY

Objects of Change, Article 25, London, England

Entreprise Collective, Espace Création, Loto-Québec, Montréal, Québec, Canada

Pulse Room installation, Monamism, MONA Museum, Hobart, Australia

Monanism, Museum of Old and New Art, Hobart, Tasmania, Australia

2010 Hyperlinks Between Architecture and Design, Art Institute of Chicago, Chicago, IL

Open This End, Madrid Pavilion, Shanghai World Expo, China

MetaDataPhile, Cal State Fullerton Main Art Gallery, Fullerton, CA

Decode: digital design sensations, Museum of CAFA Beijing, organized by the Victoria & Albert Museum

Públicos y contrapúblicos and Bienal de Arte Contemporaneo de la Fundación ONCE, CAAC,

Seville, Spain

Art Star IV Video Biennale, Ottawa, Canada

Raum für Raum, K21 Ständehaus, Düsseldorf, Germany

Glow, Santa Monica Beach, CA

Intensif-Station, Stiftung Kunstsammlung NW, Düsseldorf, Germany

ShadowDance, Kunsthal KAdE, Amersfoort, The Netherlands

20 ans déjà, Galerie Guy Bärtschi, Geneva, Switzerland

Optimismo Radical, Josée Bienvenu Gallery, New York

Sculpture as Time, Art Gallery of Toronto, Toronto, Canada

OMR Gallery, Mexico City, Mexico

Atopia: Art and the City in the 21st Century, Centre de Cultura Contemporània de Barcelona, Barcelona, Spain

On Gaps and Silent Documents, Artefact Festival, STUK Arts Centre, Leuven, Belgium

Works from the Daros Latinamerica Collection, Fundación Banco Santander, Madrid, Spain

ArchiTECHtonica, CU Art Museum, University of Colorado at Boulder, CO

INterVENCIONES, National Council of Art and Culture, Valparaíso, Chile

2009 Los Impolíticos, Palazzo delle Arti Napoli (PAN), Naples, Italy

Decode: Digital Design Sensations, Victoria & Albert Museum, Porter Gallery, London, England

Being in the World, Cisneros Fontanals Art Foundation (CIFO), Miami, FL

The World is Yours, Louisiana Museum, Copenhagen, Denmark

Art and Electronic Media, bitforms gallery, New York, NY

No Longer Empty: The Invisible Dog, Brooklyn, NY 5 Solos, Galería OMR, Mexico City, Mexico

Direct Digital, Modena, Italy

Open Space, NTT InterCommunication Center [ICC], Tokyo, Japan

YOU\_ser\_: Das Jarhundert des Konsumenten, Zentrum für Kunst und Medientechnologie, Karlsruhe, Germany

Hundred Stories about Love, Museum of 21st Century Art, Kanazawa, Japan

Extra-Muros, Mutek Festival 10th Anniversary, Montréal, Canada

Un Mundo Felíz, 10th Bienal de la Habana, Havana, Cuba

The Object is Illuminated, Latin Collector Gallery, New York, NY

White Tie & Tiara Charity Ball, Elton John AIDS Foundation, London, England

Socially Active, University Gallery, Essex, England

Enter Action - Digital Art Now, ARoS Aarhus Kunstmuseum, Denmark

Emergentes, Telefónica, Santiago, Chile

Conjugaciones: Arte Contemporaneo, Museo de los pintores Oaxaqueños, Oaxaca, Mexico

2008 Haunch of Venison Gallery, New York, NY

Asedio, Museo Universitario de Arte Contemporáneo, Mexico City, Mexico

In Memoriam Albert Hofmann, Laberinto de la Ciencia y Las Artes, Jumex Collection, San Luis Potosi, Mexico Fifth Floor: Ideas Taking Space, Tate Liverpool, Liverpool, England

The Prisoner's Dilemma: Selections from the Ella Fontanals-Cisneros Collection, Cisneros Fontanals Art Foundation, Miami, FL

Prospect.1: A Biennial for New Orleans, New Orleans, LA

Kunstmuseet, Køge, Denmark

Turn and Widen, 5th Seoul International Media Art Biennale, Seoul, South Korea

YOUniverse, 3rd International Biennial of Seville (BIACS), Seville, Spain

The Art of Participation, San Francisco Museum of Modern Art, San Francisco, CA

Emergentes, Centro Fundación Telefónica, Lima, Peru

Jumex Collection: New Acquisitions, San Luis Potosi, Mexico

Synthetic Times, National Museum of China, Beijing, China

No es Natural, Centro de Cultura Contemporánea Tabakalera, San Sebastián, Spain in collaboration with the Daros-Latinamerica Collection

Phantasmagoria: Specters of Absence, Fisher Gallery, University of Southern California, Los Angeles, CA

Phantasmagoria: Specters of Absence, McColl Center for Visual Art, Charlotte, NC

New Zealand Festival, Te Papa Museum, Wellington, New Zealand

Intruders, Musée National des Beaux-Arts du Québec, Québec City, Canada

Phantasmagoria: Specters of Absence, Ringling Museum of Art, Sarasota, FL

Maquinas y Almas, Museo Nacional Centro de Arte Reina Sofía, Madrid, Spain

Phantasmagoria: Specters of Absence, University of Southern California, Fisher Gallery, Los Angeles, CA 2007 e-art: New Technologies and Contemporary Art - Ten Years of Accomplishments by the Daniel Langlois

Foundation, Musée des Beaux-Arts, Montréal, Canada

Auto Emotion: Autobiography, Emotion and Self-Fashioning, The Power Plant Contemporary Art Gallery, Toronto, Canada

Art Basel Unlimited, Art 38 Basel Fair, Basel, Switzerland

Cultural Capital of Europe Festival, Luxembourg

The Cisneros Fontanals Art Foundation, Florida, Miami, FL

Automatic Update, Museum of Modern Art, New York, NY

Floating Artworks, TD Centre, Art Gallery of Ontario, Toronto, Canada

Face to Face - The Daros Collections, The Daros Foundation, Zurich, Switzerland

Phantasmagoria, Specters of Absence, ICI, Biblioteca Luis Angel Arango, Bogotá, Colombia

Huge, Artcore Gallery, Toronto, Canada

Lines of Flight, LEF-CAAC, Hunter College, New York, NY

LA Art Chelsea, OMR Gallery, New York, NY

Collective One, Galerie Guy Bärtschi, Geneva, Switzerland

Existencias, Musac Museum, León, Spain

You\_ser, The ZKM Center, Karlsruhe, Germany

Phantasmagoria: Specters of Absence, The Contemporary Museum, Honolulu, HI

Emergentes, The Laboral Art Center, Gijón, Spain

Fortunate Objects, The Cisneros Fontanals Art Foundation, Miami, FL

2006 Pre-Emptive, Kunsthalle Bern, Bern, Switzerland

Plataforma 01, Fábrica La Constancia, Puebla, Mexico

Forms of Classification: Alternative Knowledge and Contemporary Art, Cisneros Fontanals Art Foundation, Miami. FL

Levinas: Ethics of Encounter, McGill University, Montréal, Canada

Electrohype, Malmo, Sweden

Caleidoscopios, Centro Cultural de España en Buenos Aires, Buenos Aires, Argentina

Microwave International New Media Arts Festival, Hong Kong, China

Digital Kunstfestival, Aaurhus Art Building, Denmark

Only the Paranoid Survive, Hudson Valley Center for Contemporary Art, Peekskill, NY

National Arts Center, Mexico City, Mexico

Zones of Contact, Sydney Biennial, Art Gallery of New South Wales, Sydney, Australia

Scrabble, Centro Atlántico de Arte Moderno, Las Palmas, Spain

2005 Dataspace, Laboratorio Alameda, Mexico City, Mexico

Sala de Arte Público Sigueiros, Mexico City, Mexico

In the Line of Flight, Tsinghua University, Beijing, China

Galerie Guy Bärtschi, Geneva, Switzerland

Algorithmic Revolution, ZKM, Karlsruhe, Germany

Museo de arte Contemporáneo de Castilla y León, León, Spain

Centro Cultural de España, Mexico City, Mexico

The Cisneros Fontanals Art Foundation, Miami, FL

Dataspace, Conde Duque Art Center, Madrid, Spain

Art Basel Unlimited, Art 36 Basel Fair, Basel, Switzerland

bitforms gallery, Seoul, South Korea

Musée d'Art Contemporain, Elektra Festival, Montréal, Canada

Art Meets Media, ICC, Tokyo, Japan

Subtitled Public, Salón Bancomer, Museum of Modern Art, Mexico City, Mexico

Literal Intervention at Centro Atlántico de Arte Moderno, Las Palmas, Spain

2004 LOOP, Galería Metropolitana, Barcelona, Spain

Techniques of the Visible, Shanghai Biennial, Shanghai Art Museum, Shanghai, China SAT, Montréal, Canada

Navigator exhibition, National Taiwan Museum of Fine Arts, Taichung, Taiwan

33 Questions per Minute, Relational Architecture No. 5, SAT, Montréal, Canada

Los Angeles Museum of Contemporary Art, Digital Gallery, Los Angeles, CA

2003 Literal Intervention, Paris Photo, Statement Project Room, Paris, France

The Radiant City Exhibition, Fundación Bancaja, Valencia, Spain

Open, New Designs for Open Space, Van Alen Institute, New York, NY

Duisburg Akzente, Duisburg, Germany

III Communication, Dundee Contemporary Art, Dundee, Scotland

Fête des Lumières, Place Bellecour, Lyon, France

Critical Conditions, Wood Street Gallery, Pittsburgh, PA

2002 Place du Capitole, Printemps de Septembre Festival, Toulouse, France

Liverpool Biennial, produced by FACT, Liverpool, England

OK Centrum, Ars Electronica Festival, Linz, Austria

SAPPHIRE '02, Lisbon, Portugal

E-phos Festival, Athens, Greece

6th International Festival for Architecture in Video, Florence, Italy

Emoçao Art.ficial, Itau Cultural, Sao Paulo, Brazil

Cibervisión 2, Conde Duque, Madrid, Spain

Opening of Artium, Basque Contemporary Art Museum, Vitoria-Gasteiz, Spain

Resonancias, Observatori, Valencia, Spain

2001 *Egofugal*, 7<sup>th</sup> International Istanbul Biennial, Istanbul, Turkey

Inaguración del Centro-Museo Vasco de Arte Contemporáneo Artium, Vitoria-Gasteiz, Spain

MAD '01, Ifema, Madrid, Spain

Media Arts Festival, Tokyo Metropolitan Museum of Photography, Tokyo, Japan

Interactiva '00, Museo de Arte Contemporaneo, Mérida, Mexico

Foto/Graphik Galerie Kaethe Kollwitz, Berlin, Germany

2000 7th Bienal de la Habana, Havana, Cuba

International Festival for Architecture in Video, University of Florence, Florence, Italy

Mediaterra 2000, Fournos Center, Athens, Greece

Split, Splitski Filmski Festival, Croatia

File, Museum of Image and Sound, São Paulo, Brazil

Art electrònic a EspaNew Yorka, Sala d'Exposicions de la Caixa de Sabadell, Sabadell, Spain

OK Centrum, Ars Electronica Festival, Linz, Austria

Medienkunstpreis, ZKM, Karlsruhe, Germany

Next Festival, Karlstad, Sweden

Yo y mi Circunstancia, Musée des Beaux-Arts, Montréal, Québec, Canada

1999 Re:Positioning Fear, Relational Architecture No. 3, Interactive Urban Landscapes, Copenhagen, Denmark Art Futura Festival, Sevilla, Spain

The Trace, Remote Insinuated Presence, Musée des Beaux Arts: Yo y mi Circunstancia, Montréal, Canada

1998 Image architettura in movimento, Re:Positioning Fear, Relational Architecture No. 3, Turin, Italy Re:Positioning Fear, Relational Architecture No. 3: Festival de Video de Navarra, Pamplona, Spain Viper 98 webart selection, Lucerne, Switzerland

Lo Mejor de los dos Mundos. Cuenca, Spain

1997 Arte Virtual, Realidad Plural, Museo de Monterrey, Monterrey, Mexico

3rd Internationale Biennale Film+Architektur, Graz, Austria

Remote Sensations, Ars Electronica Festival, Linz, Austria

The Able Skin, MOPU, Festival Internacional de Info-arquitectura, Madrid, Spain

1996 Apple Computer, Cupertino, CA

Idle Hands, Nova Scotia Community College, Halifax, Canada

The Trace, Remote Insinuated Presence, Actual, Logroño, Spain

1995 Idle Hands, Forskningscentrum fur Informatik, University of Karlstad, Karlstad, Sweden

European Media Art Festival, Osnabrück, Germany

The External Interior (Interactive Spectator), Galeria Cruce, Madrid, Spain

The Trace, Remote Insinuated Presence, Theater, Music, Dance and New Technologies, Torino, Italy

The Trace, Remote Insinuated Presence, Museo Nacional Reina Sofia, Infografía en España series, Madrid, Spain

1993 Akademie der Bildenden Kunste, Nuremberg, Germany

Tomorrow's Realities, SIGGRAPH, Anaheim, CA

2!M VR Exhibition, Comunidad de Madrid, Madrid, Spain

En-red-arte, Círculo de Bellas Artes, Madrid, Spain

1992 History is a Rolodex, photo installation

Memoires Vives, Infographie Canada, Montréal, Canada

- 1992 On the Same Hand but in a Different Vein, Galerie Stornaway, Montréal, Canada
- 1990 The Dancers Answer Questions, Banff National Park, Alberta, Canada

### **AWARDS**

- 2016 Compagnon des Arts et des Lettres du Québec, Conseil des Arts et des Lettres du Québec, Québec, Quebec, Canada
- 2015 Governor General's Award in Visual and Media Arts 2015, Canada Council for the Arts, Ottawa, Ontario, Canada
- 2013 Event of the Year: Open Air Philadelphia, Philadelphia Geek Awards, Philadelphia, PA

	Premio Mentes Quo+Discovery, Quo Magazine and Discovery Channel, Mexico City, Mexico
2012	Joyce Award, The Joyce Foundation, Chicago, IL
2011	Knights Arts Challenge for <i>Open Air</i> , Philadelphia, PA
	National Endowment for the Arts grant for <i>Open Air</i> , Washington, DC
2005	BAFTA British Academy Award for Interactive Art, London, England
2003	World Technology Network Award for the Arts, San Francisco, CA
	Rockefeller-Ford Fellowship, New York, NY
	Production grant from the Daniel Langlois Foundation, Montréal, Canada
	Artist/Performer of the year, Wired Magazine Rave Awards, San Francisco, CA
	Foreign Affairs ACA Grant, Canada
	Trophée des Lumiéres, Lyon, France
	Best Interactive Installation, HorizonZero, Banff, Canada
2002	International Bauhaus Award, 1st Prize, Dessau, Germany
	BAFTA British Academy Award for Interactive Art, London, England
	Interactive Media Design Review, Gold Award, I.D. Magazine, USA
	Ars Electronica, Interactive Art Distinction, Linz, Austria
2001	Foundation Daniel Langlois, Jury Member, Montréal, Québec, Canada
	Media Arts Grant, Canada Council for the Arts, Canada
2000	Excellence Award, Media Arts Festival, CG Arts, Tokyo, Japan
	Medienkunstpreis, Finalist, ZKM, Karlsruhe, Germany
	Ars Electronica, Interactive Art Golden Nica, Linz, Austria
1000	SFMOMA Webby Awards, Distinction, San Francisco, CA
1998	Ars Electronica, Interactive Art Honorable Mention, Linz, Austria
1996	Interactive Digital Media Awards, Best Installation, Toronto, Canada
1995	Cyberstar, 2nd Prize, Cologne, Germany
1994	Ars Electronica, Interactive Art Honorable Mention, Linz, Austria
1994	Canada Council Computer Integrated Media Grant, Canada
1993	ICEX España, Travel Grant, Spain Communications Canada, Equipment Grant, Canada
1992	External Affairs Canada, Travel Grant, Canada
1991	Canada Council, Touring Office Grant, Canada
1991	Canadian Consulate Grant, New York, NY
	Ministère des Affaires Culturelles du Québec, Canada
	Milliotoro doo / Mairoo Oditarolloo da Queboo, Odriada

## **WEB PROJECTS**

2012	Open Air, Benjamin Franklin Parkway, Philadelphia, PA http://openairphilly.net
2004	Los Angeles Museum of Contemporary Art, Digital Gallery, Los Angeles, CA
2003	Amodal Suspension, Relational Architecture No. 8 http://www.amodal.net
	Re:Positioning Fear, Relational Architecture No. 3 http://rhizome.org/object.rhiz?2398
1999	Vectorial Elevation, Relational Architecture No. 4 http://alzado.net

### **RESIDENCIES AND WORKSHOPS**

2005- 07	NRC, Institute for Research in Construction, Ottowa, Canada
2003	Taller HUMO, Interfacing Realities Master Class, AEC Linz, Austria
2000	University de Karlstad, Sweden
1999	SAGAs Writing Interactive Fiction, Munich, Germany
1994	Centro Nacional de las Artes, Mexico City, Mexico
1993	Universidad Complutense de Madrid, Spain
1990	Banff Centre for the Arts, Alberta, Canada

## LECTURES, PRESENTATIONS, AND SCREENINGS

2019 Megalodemocrat screening, FICUNAM Festival, Mexico City, Mexico
 Megalodemocrat screening, Orange County Museum of Art, Santa Ana, CA
 Rafael Lozano-Hemmer and Krystof Wodiczko, Daniels Faculty of Architecture, University of Toronto,
 Toronto, Ontario, Canada (forthcoming)
 Screening and Conversation on Megalodemocrat: The Public Art of Rafael Lozano-Hemmer, Hirshhorn
 Museum and Sculpture Garden, Washington DC

Rafael Lozano Hemmer: Pulse, Hirshhorn Museum and Sculpture Garden, Washington DC 2018 DART Festival, Barcelona, Spain TEDxCERN, CERn, Geneva, Switzerland Rafael Lozano-Hemmer, Hirshhorn Museum and Sculpture Garden, Washington DC ACADIA 2018 Conference, Keynote Speaker, Mexico City, Mexico Painting with Light: Festival of International Films on Art, National Gallery Singapore, Singapore, Singapore Art Sonore, Nouvelles technologies et espace urbain, Rhythmopolis, Montreal, Quebec, Canada Rafael Lozano-Hemmer and Krystof Wodiczko in Conversation, Concordia University, Montreal, Quebec, Canada Artist Talk: Rafael Lozano-Hemmer, North Carolina Museum of Art, Raleigh, NC Conversation with Samuel Bianchini and Emanuele Quinz, Musée d'Art Contemporain de Móntreal, Montreal, Quebec, Canada Latin GSD Symposium 2018, Harvard University Graduate School of Design, Cambridge, MA 2017 IALD Enlighten Americas 2017, International Association of Lighting Designers, Denver, CO Future Shock, Site Santa Fe, Santa Fe, NM "Techs-Mechs" A Run-Through the History of Mexican Technological Culture, MUTEK, Montréal, Québec, Canada Curated Conversations, Lahore Biennale 01, Lahore, Pakistan IALD, Denver Union Station, Denver, CO; Utah Museum of Fine Arts, Salt Lake City, UT Symbolic Reparations Symposium, Harvard University, Cambridge, MA Mextrópoli-Festival Internacional de Arquitectura y Ciudad, TBD, Mexico City, México Inst-Int Conference, Inst-Int Conference, New Orleans, LA Lecture at Director's Circle dinner, SFMOMA, San Francisco, CA Symposium: It is Forbidden not to Participate, Pérez Art Museum Miami, Miami, FL 2016 Conversation with Ed Shanken, Gund Gallery, Gambier, OH Best practices for conservation of media art from an Artist's perspective - Topics in Time-based Media Art Conservation, The Institute of Fine Arts, New York University, New York, NY Media Architecture Summit 2016, TIFF Bell Lightbox, Toronto, Ontario, Canada Media in the Expanded Field, Fundación Casa Wabi, Puerto Escondido, México Preabsence, Hochschule für Gestaltung und Kunst FHNW, Basel, Switzerland American Institute of Conservation - 44th Annual Meeting, Palais des Congrès de Montréal, Montréal, Rafael Lozano-Hemmer and Rudolf Frieling in conversation, Zona Maco Art Fair, Mexico City, Mexico Conversations in Contemporary Art, Concordia University, Montréal, Québec, Canada 2015 Keynote, Museo Universitario Arte Contemporaneo, Mexico City, Mexico Conversation with Krzysztof Wodiczko, Museo Universitario Arte Contemporaneo, Mexico City, Mexico Miercoles de SOMA, SOMA, Mexico City, México Conference in the International Congress of Museums, Museo Universitario Arte Contemporaneo, Mexico City, Mexico Explaining Public Art, Symposium, Madison Square Park, New York, NY IMDA Presentation - ELEKTRA 16, Phi Centre, Montréal, Québec, Canada Let's Talk Forum, Kochi-Muziris Biennale Kochi, Kochi, India Keynote presentation "Monument / Anti-monument conference," Laumeier Sculpture Park, St. Louis, MS Round Table Vida Art and A-life Awards, Fundación Telefónica, Madrid, Spain Penny Stamps Distinguished Speaker, University of Michigan, Detroit, MI Panelist, Gutai as Science Fiction, Guggenheim Museum, New York, NY Presentation, 7 on 7, New Museum, New York, NY Keynote, Eyeo Festival, Minneapolis, MN Presentation, North Carolina Museum of Art, Raleigh, NC Presentation, University of North Carolina, Chapel Hill, NC Duke University, Durham, NC San Francisco Museum of Modern Art, San Francisco, CA 2012 Open Air, Richard Sommer and Rafael Lozano-Hemmer in conversation, PennDesign, The University of Pennsylvania, Philadelphia, PA Performing Freedom: Art, Spectacle and Agency in Public. Panel discussion with Steve Dietz, Adelina Vlas and Penny Balkin Bach, Philadelphia Museum of Art, Philadelphia, PA Lecture, Turbinenhalle, Jahrhunderthalle, Bochum, Germany Antimonuments and Subsculptures, Sydney Opera House, Sydney, Australia

Art, Design, and Public Domain Lecture Series, Harvard University, Graduate School of Design, Cambridge, MA

The Culture of Ubiquitous Information, Danish Architecture Center, Copenhagen, Denmark

IFACCA 5th World Summit on Arts and Culture, Melbourne, Australia

Keynote, Institute for Comparative Modernities, Cornell University, Ithaca, NY

Keynote, Arnold Hall, SCAD, Savannah, GA

Manchester Art Gallery, Manchester, England 2010

Keynote, CHIN Digital Heritage Symposium, Vancouver, Canada

Keynote, ON. Fire National Media Arts Conference, Toronto, Ontario, Canada

University of Southern California, Los Angeles, CA

CCA. Montréal. Canada

Fairmount Park Art Association, Philadelphia, PA

Art Museum of the Americas, Washington, D.C.

2009 Conversations on Contemporary Art with Glenn D. Lowry, Museum of Modern Art, New York

Conscious Connections, Featured speaker, Association of Performing Arts Presenters 52<sup>nd</sup> Annual

Members Conference, New York, NY

Université de Montréal, Montréal, Canada

Concordia University, Québec, Canada

Keynote, Adelaide Film Festival, Adelaide, Australia

21st Century Museum of Contemporary Art, Kanazawa, Japan

2008 Frequency and Volume, The Barbican Centre, London, England

Institute of Contemporary Arts (ICA), London, England

Goldsmiths College, London, England

Science Museum, London, England

Musée des Beaux-Arts, Montréal, Canada

Antimonuments and Subsculptures. Princeton University School of Architecture, Princeton, NJ Antimonuments and Subsculptures. Parsons the New School for Design and Cooper Union, NY

Edith Ruß Haus für Medienkunst, Oldenburg, Germany

2007 Tate Modern, London, England

Fondazione Bevilacqua la Massa, Venice, Italy

Power Plant, Toronto, Canada

2006 NTT InterCommunications Center [ICC], Tokyo, Japan

Art Gallery of New South Wales, Sydney, Australia

Bartlett School of Architecture, London, England

Goldsmiths College, London, England

Logo Park, Amsterdam, The Netherlands

Guggenheim Museum, New York, NY

Concordia University, Montréal, Canada

Q-Arts, Derby, England

2005 School of Architecture, University of Lincoln, England

Phoenix Arts, Leicester, England

Broadway, Nottingham, England

Metro Cinema, Derby, England

Avenue Campus, Northampton, England

Loopholes Symposium, Harvard University, Cambridge, MA

Sala de Arte Público Siqueiros, Mexico City

Kodak Lecture, Ryerson, Toronto, Canada

IVF, Victoria, Canada

NTT InterCommunications Centre [ICC], Tokyo, Japan

2004 Media Space, Stuttgart, Germany

Fundación Telefónica, Madrid, Spain

Carlos III, Madrid, Spain

Centro Nacional de Investigación teatral, CNA, Mexico

La Société des arts technologiques, Montréal, Canada

International Design Conference Aspen, Aspen, CO

Maryland Institute of Contemporary Art, Baltimore, MD

Universidad Carlos III de Madrid, Madrid, Spain

CITRU, Mexico City, Mexico

Lower Manhattan Cultural Council, New York, NY

2003 Royal College of Arts, Stockholm, Sweden

Yamaguchi Center for Arts and Media, Yamaguchi, Japan

Festival international nouveau Cinéma nouveaux Médias, Montréal, Canada

Canadian Embassy, Tokyo, Japan

Laboratorio Arte Alameda, Mexico City, Mexico

Making Art of Databases, V2 Organisatie, Rotterdam, The Netherlands

California Science Center, Los Angeles, CA

Museum of Fine Arts, Boston, MA

Digifest, Toronto, Canada

Emily Carr Institute of Art and Design / UBC, Vancouver, Canada

ARCO, Madrid, Spain

2002 Bauhaus, Dessau, Germany

MIT MediaLab, Cambridge, MA

National Research Council of Canada, IMI Montréal and IRC Ottawa, Canada

Arts International, Rhizome Blender, New York, NY Museums as Media Symposium, Guggenheim Museum, New York, NY Subtle Technologies conference, University of Toronto, Canada University of California Los Angeles, Art department, Los Angeles, CA Art in Motion lecture series, Los Angeles Museum of Contemporary Art, Los Angeles, CA 2001 Transurbanism, Netherlands Architecture Institute, V2, Rotterdam Interventions Symposium, National Museum of Photography, Bradford, England Istanbul Biennial, Istanbul, Turkey Engineers of Experience, Ars Electronica Festival, Linz, Austria Yamaguchi Center for Arts and Media, Yamaguchi, Japan Media Arts and Culture Colloquium, Wexner Center, Columbus, OH School of the Art Institute of Chicago, Chicago, IL Art, Technology and Culture Colloquium, UC Berkeley, CA Santa Rosa College, Santa Rosa, CA Transmediale, Berlin, Germany 2000 Center for the Arts and Humanities, SUNY Albany, Albany, NY Prix Ars Electronica Forum, Linz, Austria Next Conference, Karlstad, Sweden Consejo de la artes de Nuevo Leon, Monterrey, Mexico 1998 Dutch Electronic Art Festival, Rotterdam, The Netherlands Virtual Museum Symposium, Arch Foundation, Salzburg, Germany Viper, Webart selection, Lucerne, Switzerland Universidad de Granada, Granada, Spain In Art Festival, Tenerife, Canary Islands Imagina, Le Sense du Numerique, Monaco Jornadas El Objeto Inmaterial, Trasforma, Vitoria-Gasteiz, Spain 1997 Keynote, IATM conference, Palacio de Correos, Madrid, Spain Seminario Conocimiento del Arte, Residencia de Estudiantes, Madrid, Spain Festival Sonar, Barcelona, Spain Seminario de Paul Hertz, Politécnico, Valencia, Spain Seminario Ciberarte, Fundación CAM, Alicante, Valencia & Murcia, Spain ARCO Art Fair, Madrid, Spain Milia, Cannes, France 1995 Ciber-ría Festival, Bilbao, Spain Art Futura Festival, Madrid, Spain Jornadas Sobre Arte y Comunicación Multimedia, Politécnico, Valencia, Spain Learning in Networks Conference, University of Karlstad, Sweden Universidad Nacional Autónoma de Mexico, Department of Art, Mexico City, Mexico Tecnológico de Monterrey, Department of Communications, Monterrey, Mexico 1994 Fundacion Arte y Tecnología de Telefónica, Madrid, Spain Universidad Autónoma Metropolitana, Azcapotzalco, Department of Design, Mexico City, Mexico Consejo de Ciencia y Tecnologia CONACYT, Mexico City, Mexico Museo de Antropología, Mexico City, Mexico 1993 ARCO Art Fair, Madrid, Spain Concordia University, Department of Design, Montréal, Canada

Canadian Studies Association, Pamplona, Spain

Concordia University, Communications Department, Montréal, Canada

1992 Oboro Gallery, Montréal, Canada

Montréal, Canada

York University, Social and Political Science Department, Toronto, Canada

Ontario College of Art, Media Arts Department, Toronto, Canada

### **RADIO AND RADIO ART**

1987- 92	The Postmodern Commotion, CKUT 90.3FM weekly radio program, co-host and producer, Montréal, Canada
1991	Read my Blips, electroacoustic music piece, International Radio Conference, McGill University, Montréal, Québec, Canada
1990	Hysterical Male, radio art piece, accompanying the book of the same name by Arthur and Marilouise Kroker, St. Martin's Press, New York, NY
	Radio 89.9FM, Radio station manager, Banff Centre, Alberta, Canada
	Becoming Nobody, electroacoustic music piece, CBC Radio, Printemps Electroacoustique, Montreal, Canada
	SAW Gallery, Radio Art Exhibition, Ottawa, Canada
1989	Panic Encyclopedia Cassette, co-creator with Arthur and Marilouise Kroker, New World Perspectives,

## CURATING

2003	Co-director with Brian Massumi, Huge and Mobile (HUMO) workshop, Linz. Supported by V2 and the Ars Electronica Center
1998-	Coordinator, "Life X.0", International Competition, Madrid. Artificial life competition and exhibition,
04	Sponsored by the Telefonica Foundation, Spain
1996	Chair, "5Cyberconf", 5th International Conference on Cyberspace, Madrid. Conference featuring 7
	keynote speeches, 18 papers, and 2 performances
1994	"Arte Virtual, 12 Propuestas de Arte Reactivo", Madrid, May 1994. Exhibition featuring sixteen artists from eight
	countries presenting technological art in an old abandoned metro station under Madrid's Opera house.
	Apart from the exhibition there was a TV program, three conferences, one catalog and two performances.

## **RESEARCHING AND ADVISING**

Frank Gehry Chair, University of Toronto, Canada
Co-creator and organizer, <i>Life x.0</i> , International Art and A-life Competition, Madrid, Spain Telefonica Foundation Sponsorship
International Advisory Committee, Inter-Society for the Electronic Arts (ISEA)
Research and Creativity Committee, Hexagram, Montréal, Canada
Jury, Latin-American Experimental Hypermedia Center, Buenos Aires, Argentina
Living in Mixed Realities, GMD conference, International Committee, Bonn, Switzerland Jury, Foundation Daniel Langlois, Montreal, Canada
"System for 3D tracking of a remote point," International Patent, WIPO # 9814798A1
Chair and co-organizer, 5th International Conference on Cyberspace "5Cyberconf," Madrid, Art and Technology Foundation Sponsorship, Spain
Corresponding Editor, Multimedia Graphics I, Mediamatic Interactive Publishing, Amsterdam, The Netherlands Prix Milia d'Or, Grand Jury, Cannes, France
Curator, <i>Arte Virtual, 12 Propuestas de Arte Reactivo</i> , Madrid, Spain Jury, Video ARCO, Madrid, Spain

# **PUBLICATIONS**

2011	Lozano-Hemmer, Rafael, "Recorders", Manchester Art Gallery, Manchester, England, September 18, 2010  – January 30, 2011 12, 62 pages, color ills.
2008	"MAD.SQ. Art 2008. Rafael Lozano-Hemmer: Pulse Park", Madison Square Park Conservancy, October 24  – November 12, 2008, 20 pages, color ills.
2007	Lozano-Hemmer, Rafael, "Some Things Happen More Often Than All of the Time" (Algunas cosas pasan más veces que todo el tiempo), Turner, 176 pages
	Lozano-Hemmer, Rafael, "Under Scan," emda and Antimodular, 120 pages
2006	Lozano-Hemmer, Rafael, "Subsculptures", Galerie Guy Bartschi, Geneva, Switzerland, November 5, 2005 – January 14, 2006, 64 pages, color ills.
2004	Lozano-Hemmer, Rafael, "The Relational Museum," Proceedings of the International Association of Telecommunication Museums, London, England.
	Lozano-Hemmer, Rafael and Gómez-Peña, Guillermo, "Tech-Illa Sunrise," Aztlán 29, no.1 Spring
2003	Lozano-Hemmer, Rafael, Espacio de Alienación, TELOS – Cuadernos de comunicación,
	tecnología y sociedad (Madrid), no. 56, July – September
2000	Lozano-Hemmer, Rafael (ed.) "Vectorial Elevation, Relational Architecture No. 4," Conaculta Press, 346 pages, color ills.
1999	Lozano-Hemmer, Rafael "Re: Positioning Fear," Archis, Netherlands
	Lozano-Hemmer, Rafael, "Relational Architecture," Performance Research, Routledge, London, England
	Lozano-Hemmer, Rafael, "Utterance 4 – Relational Architecture," <i>Performance Research</i> , vol. 4, no. 2, Summer, 1999
1998	Lozano-Hemmer, Rafael, "Re: Positioning Fear, Relational Architecture #3", 3. Internationale Biennale Film und Architektur, Graz, Austria
	Lozano-Hemmer, Rafael, "Displaced Emperors, Relational Architecture #2", FleshFactor, Ars Electronica, Linz, Austria
1997	Lozano-Hemmer, Rafael, "Arte Electrónico: Pervirtiendo lo tecnológicamente correcto," Movimiento Actual,

Monterrey, Mexico, December

Lozano-Hemmer, Rafael, "The Trace: Remote Insinuated Presence", YLEM, September

Lozano-Hemmer, Rafael, "Floating Trout Space, Interview with Lawrence Paul Yuxweluptun," Telepolis, Heise online, July

Lozano-Hemmer, Rafael, "Del tecno-parásito al cibernauta," Lateral, Spain, June

1996 Lozano-Hemmer, Rafael, Ramsay, Susie, "Spain Wide Web," Telepolis, Heise online, April

Lozano-Hemmer, Rafael, "Televerkörperung in Trace," Kunstforum International, Germany, January

Lozano-Hemmer, Rafael, "The Trace," Ars Electronica '95 Compendium, Veranstaltungesellschaft, Linz, Austria

Lozano-Hemmer, Rafael, Perverting Technological Correctness, Leonardo, MIT Press, Cambridge, MA

Tee, O.S., Mazza, C., Lozano-Hemmer, R. and Giorgi, J.B., "Ester Cleavage by Cyclodextrins in Aqueous Dimethyl Sulfoxide Mixtures: Substrate Binding versus Transition State Binding," *Journal of Organic Chemistry*, 59, 7602-7608. American Chemical Society, Washington

Lozano-Hemmer, Rafael, "Arte Virtual y Reactivo," Catálogo de Arte Virtual, Electa, Spain Lozano-Hemmer, Rafael, "Surface Tension," Visual Proceedings, ACM Siggraph, Chicago, IL

1994 Lozano-Hemmer, Rafael, "Surface Tension," Visual Proceedings, ACM Siggraph, Chicago, IL Lozano-Hemmer, Rafael, "IMmediaCY," Endo und Nano, Die Welt von Innen, Veranstaltungesellschaft, Linz, Austria

1993 Lozano-Hemmer, Rafael, "Virtual Reality," Bioapparatus, The Banff Centre For The Arts, Canada

1991 Lozano-Hemmer, Rafael, Lozano-Hemmer, Rafael. "Cyborg Fictions," *Virtual Seminar on the Bioapparatus*, Banff: The Banff Centre for the Arts, p. 79

#### SELECTED BIBLIOGRAPHY

2019 "The Best Public Art of 2019," Artsy, December 3

Reiner-Roth, Shane. "Border Tuner reaches over the U.S.–Mexico border to facilitate dialogue," The Architect's Newspaper, December 2

Kolenc, Vic. "Border Tuner's night lights gone; leaves legacy of archived, binational voices, art fund," *El Paaso Times*, December 2

Staff Report. "Interactive Art Installation Border Tuner Leaves Sister City with Memories, Dialogue, Legacy," El Paso Herald Post, November 27

Estiler, Keith. "Artist Sparks U.S.-Mexico Border Conversation with Interactive Installation," *Hypebeast*, November 25

Romo, David, D. "Artist Rafael Lozano-Hemmer on the Importance of Telling Complex, Nuanced Border Stories," *Texas Observer*, November 25

Cruz, Araceli. "An Artist Set Up An Installation At The Us-Mexico Border Allowing People To Communicate Freely," *mitu*, November 25

Vasquez, Sarah, M. "An Installation Traverses Texas and Mexico to Promote Cross-Border Communication," *Hyperallergic*, November 22

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### SELECTED COLLECTIONS

21C Museum, Louisville, KY

21st Century Museum of Contemporary Art, Kanazawa, Japan

Art Gallery of Ontario, Toronto, Canada

Art Stations Foundation - Grażyna Kulczyk Collection, Poznań, Poland

AT&T Collection, Houston, TX

Borusan Contemporary, Istanbul, Turkey

Caisse de dépôt et placement du Québec, Montréal, Canada

Cisneros Fontanals Art Foundation (CIFO), Miami, FL

Colección de Arte de la Comunidad de Madrid, Madrid, Spain

Colección Femsa, Monterrey, Mexico

Colección Gelman, Mexico

Colección Jumex, Mexico City, Mexico

Collection Jean et Collette Cherqui, France

DAROS Latinamerica Collection, Zurich, Switzerland

Fidelity Investments, Boston, MA

FRAC Collection Aquitaine, Bordeaux, France

Fundacion Cultural, New York, NY

Fundación Privada Soriqué, Lleida, Spain

Fundación Telefónica, Madrid, Spain

Jonathon Carroll Collection, London, England

Karin Srb Collection, Munich, Germany

Manchester Art Gallery, Manchester, England

MUAC - Museo Universitario Arte Contemporáneo, Mexico City, Mexico

MUSAC - Museo de Arte Contemparáneo de Castilla y León, Spain

Musée d'art contemporain de Montréal, Montréal, Canada

Museo Nacional Centro de Arte Reina Sofía, Madrid, Spain

Museum of Modern Art, New York, NY

Museum of Old and New Art (MONA), Hobart, Tasmania

North Carolina Museum of Art, Raleigh, NC

National Gallery of Victoria, Melbourne, Australia

Singapore Art Museum, Singapore

Speyer Family Collection, New York, NY

Steve Cohen Collection, Greenwich, CT

Tate Modern, London, England

Yamaguchi Center for Art and Media, Yamaguchi, Japan

Zentrum für Kunst und Medientechnologie, Karlsruhe, Germany