

# RAFAEL LOZANO-HEMMER

b. 1967, Mexico City

Lives and works in Montréal and Madrid

## BIOGRAPHY

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.

Collected by the Museum of Modern Art in New York and the Tate Modern in London, Lozano-Hemmer was the first artist to represent Mexico at its national pavilion at the 52<sup>nd</sup> Venice Biennale. Exhibitions of his work include the Museo Nacional Centro de Reina Sofia, Madrid; San Francisco Museum of Modern Art; Manchester Art Gallery; CCC Moscow; The Barbican Centre, London; Museo Universitario de Arte Contemporáneo (MUAC), Mexico City; The Museum of Art, Hong Kong; The Jumex Collection, Mexico; Daros Foundation, Zürich; Ella Cisneros Fontanals Art Foundation, Miami; Kulczyk Foundation, Poznan; Itaú Cultural Institute, São Paulo; Art Basel Unlimited; and art biennials in Moscow, New Orleans, Shanghai, Sydney, Singapore, Liverpool, Istanbul, Seville, Seoul, Graz, and Havana.

This fall, Lozano-Hemmer had his first solo exhibition in France at La Gaîté Lyrique in Paris and premiered a new public installation, *Articulated Intersect*, at La Triennale québécoise in Montreal, Canada. In early 2010, Lozano-Hemmer installed an interactive public artwork at the 2010 Olympic Winter Games as one of the commissioned artists for the Cultural Olympiad and the City of Vancouver. Recent public art works have also been featured in Federation Square, Melbourne; Trafalgar Square, London; Madison Square Park, New York; and Québec City for the 400<sup>th</sup> Anniversary Celebrations in 2008. 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. In 2008, he was commissioned to present his first permanent public art installation in the Plaza de las Tres Culturas in the Tlatelolco section of Mexico City to mark the fortieth anniversary of the student massacre that occurred there in 1968.

Lozano-Hemmer’s writing has been published in *Kunstforum*, *Leonardo*, *Performance Research*, *Telepolis*, *Movimiento Actual*, *Archis*, and *Aztlán*, among others. He has also served on several international juries and committees including the Fondation Daniel Langlois, ISEA, Hexagram, Prix Milla d’Or in Cannes, GMD in Bonn, the International Art and A-life award and Cyberconf in Madrid. He has been a resident artist twice at the Banff Centre for the Arts in Canada.

Currently, he has a solo exhibition at the Museum of Contemporary Art in Sydney, Australia.

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## EDUCATION

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

## AWARDS

2005 BAFTA British Academy Award for Interactive Art, London, UK  
2003 World Technology Network Award for the Arts, San Francisco, CA  
Rockefeller-Ford Fellowship, New York  
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 Lumières, Lyon, France  
Best Interactive Installation, HorizonZero, Banff, Canada  
2002 International Bauhaus Award, 1st Prize, Dessau  
BAFTA British Academy Award for Interactive Art, London  
Gold Award, Interactive Media Design Review, I.D. Magazine, USA  
Ars Electronica, Interactive Art Distinction, Linz, Austria  
2001 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  
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, Köln, Germany  
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  
Canadian Consulate Grant, New York  
Ministère des Affaires Culturelles du Québec, Canada

## SOLO EXHIBITIONS

2011 *Recorders*, Museum of Contemporary Art, Sydney, Australia  
*Please Empty Your Pockets*, Music House, Borusan Foundation, Istanbul, Turkey  
*Trackers*, La Gaité Lyrique, Paris, France  
*Pulse Index*, Perili Köşk Museum, Istanbul, Turkey  
*Pulse Spiral*, Savannah College of Art and Design, Savannah, GA  
2010 *Pulse Show*, Beall Center, University of California, Irvine, CA  
*Recorders*, Manchester Art Gallery, Manchester, UK  
*Vectorial Elevation*, Cultural Olympiad, English Bay, Vancouver  
*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  
*Pulse Glow*, Glow Festival, City Hall, Eindhoven, The Netherlands  
*Transition States*, Haunch of Venison, New York  
*Recent Works*, Galerie Guy Bärtschi, Geneva, Switzerland  
2008 *Rafael Lozano-Hemmer*, bitforms gallery, New York  
*Pulse Park*, Madison Square Park Conservancy, New York  
*Frequency and Volume*, The Curve, Barbican Centre, London, UK

- Arrays*, Haunch of Venison, London, UK  
*Recorders*, Edith Ruß Haus für Medienkunst, Oldenburg, Germany  
*Retrospective*, Institute of Contemporary Art, London, UK  
*Body Movies*, Québec City's 400th Anniversary, Québec City, Canada  
*Voz Alta*, Memorial for the 1968 student massacre, Tlatelolco, Mexico City  
*Under Scan*, Trafalgar Square, London, UK  
*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  
*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, UK  
*33 Questions per Minute*, Spots Mediafaçade with realites: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, UK  
*Subtitled Public*, Sala de Arte Público Siqueiros, Mexico City  
2004 *Rafael Lozano-Hemmer*, OMR Gallery, Mexico City  
*Vectorial Elevation*, EU expansion celebrations, O'Connell Street, Dublin, Ireland  
2003 *Rafael Lozano-Hemmer*, bitforms gallery, New York  
*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 Wrocław and Multimedia Institute in Zagreb.  
*Relational Architectures*, Laboratorio Arte Alameda, Mexico City  
*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  
*Airport Cluster*, Foto/Graphik Galerie Kaethe Kollwitz, Berlin, Germany  
2000 *Vectorial Elevation*, Zócalo Square, Mexico City  
1997 *Re:Positioning Fear*, 3<sup>rd</sup> Internationale Biennale für Film + Architektur, Graz, Austria  
1992 *On the Same Hand but in a Different Vein*, Galerie Stornaway, Montréal, Canada

## GROUP EXHIBITIONS

- 2012 11th Bienal de la Habana, Havana, Cuba  
2011 Zacheta National Gallery of Art, Warsaw, Poland  
Digital Marrakech, Marrakech, Morocco  
*Machina, Medium, Apparatus*, Laboratorio Arte Alameda, Mexico City  
*Seeing/Knowing*, Gund Gallery, The New Museum of Modern and Contemporary Art, Kenyon College, Kenyon, OH  
*Message without Borders*, Pratt Manhattan Gallery, New York  
*Espectros*, Arts Santa Mònica, Barcelona, Spain  
La Triennale québécoise, Musée d'art contemporain, Montreal, Canada  
*Moscow Biennale*, Moscow, Russia  
*Global Contemporary*, ZKM Museum of Contemporary Art, Karlsruhe, Germany  
*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

- Intensif-Station*, Stiftung Kunstsammlung NW, Düsseldorf, Germany  
*Singapore Biennial*, Marina Bay, Singapore  
*Decode*, Garage CCC, Moscow, Russia  
*Extimidad*, Es Baluard Museum, Palma de Mallorca, Spain  
*Pulse Room* installation, MONA Museum, Hobart, 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*, 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  
*ShadowDance*, Kunsthal KAdE, Amersfoort, Netherlands  
*20 ans déjà*, Galerie Guy Bärtschi, Geneva, Switzerland  
*Optimismo Radical*, Josée Bienvenu Gallery, New York  
*Sculpture as Time*, Art Gallery of Toronto, Toronto  
*Atopia: Art and the City in the 21<sup>st</sup> 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, UK  
*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  
*No Longer Empty: The Invisible Dog*, Brooklyn, NY  
*5 Solos*, Galería OMR, Mexico City  
*Direct Digital*, Modena, Italy  
*Open Space*, NTT InterCommunication Center [ICC], Tokyo, Japan  
*YOU\_ser\_*: *Das Jahrhundert des Konsumenten*, Zentrum für Kunst und Medientechnologie, Karlsruhe, Germany  
*Hundred Stories about Love*, Museum of 21<sup>st</sup> Century Art, Kanazawa, Japan  
*Extra-Muros*, Mutek Festival 10<sup>th</sup> Anniversary, Montréal, Canada  
*Un Mundo Feliz*, 10<sup>th</sup> Bienal de la Habana, Havana, Cuba  
*The Object is Illuminated*, Latin Collector Gallery, New York  
*White Tie & Tiara Charity Ball*, Elton John AIDS Foundation, London, UK  
*Socially Active*, University Gallery, Essex, UK  
*Enter Action – Digital Art Now*, ARoS Aarhus Kunstmuseum, Denmark  
*Emergentes*, Telefónica, Santiago, Chile
- 2008 *Conjugaciones: Arte Contemporaneo*, Museo de los pintores Oaxaqueños, Oaxaca, Mexico  
*Fifth Floor: Ideas Taking Space*, Tate Liverpool, Liverpool, UK  
*The Prisoner's Dilemma: Selections from the Ella Fontanals-Cisneros Collection*, Cisneros Fontanals Art Foundation (CIFO), Miami, FL  
*Prospect.1: A Biennial for New Orleans*, New Orleans, LA  
Kunstmuseet Køge, Denmark  
5<sup>th</sup> Seoul International Media Art Biennale, Seoul, Korea  
3<sup>rd</sup> International Biennial of Seville (BIACS), Seville, Spain  
*The Art of Participation*, San Francisco Museum of Modern Art, San Francisco, CA  
*Emergentes*, Lima, Peru  
*Jumex Collection: New Acquisitions*, San Luis Potosi, Mexico  
*Pantasmagoria: Specters of Absence*, University of Southern California, Fisher Gallery, Los Angeles, CA  
*Synthetic Times*, National Museum of China, Beijing  
*No es Natural*, Centro de Cultura Contemporánea Tabakalera, San Sebastián, Spain in collaboration with the Daros-Latinamerica Collection  
*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
- Cultural Capital of Europe Festival, Luxemburg
- Automatic Update*, Museum of Modern Art, New York
- Floating Artworks*, TD Centre, Art Gallery of Ontario, Toronto
- Face to Face - The Daros Collections*, The Daros Foundation, Zurich
- 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
- LA Art Chelsea*, OMR Gallery, New York
- 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 Foundation, Miami, FL
- 2006 *Pre-Emptive*, Kunsthalle Bern, Switzerland
- Plataforma 01*, Fábrica La Constancia, Puebla, Mexico
- Forms of Classification: Alternative Knowledge and Contemporary Art*, CIFO, Miami, FL
- Armory Show*, OMR Gallery, New York
- Levinas: Ethics of Encounter*, McGill University, Montréal, Canada
- Electrohype*, Malmö, Sweden
- Caleidoscopios*, Centro Cultural de España en Buenos Aires, Buenos Aires, Argentina
- Microwave Festival, Hong Kong, China
- Digital Kunstfestival, Aarhus Art Building, Denmark
- Only the Paranoid Survive*, Hudson Valley Center for Contemporary Art, Peekskill, NY
- National Arts Center, Mexico City
- 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
- Sala de Arte Público Siqueiros, Mexico City
- In the Line of Flight*, Tsinghua University, Beijing, China
- 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
- Dataspace*, Conde Duque Art Center, Madrid, Spain
- Art Cologne, Galería Metropolitana, Cologne, Germany
- bitforms gallery, Seoul, Korea
- Musée d'Art Contemporain, Elektra Festival, Montréal
- Dataspace Exhibition*, Conde Duque Art Center, Madrid
- Art Meets Media*, ICC, Tokyo
- Subtitled Public*, Salón Bancomer, Museum of Modern Art, Mexico City
- 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
- SAT, Montréal, Canada
- Frequency and Volume, 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
- Duisburg Akzente, Duisburg, Germany
- Ill 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, UK
- 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  
*Emoção 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  
*MAD01*, Ifema, Madrid, Spain  
*Media Arts Festival*, Tokyo Metropolitan Museum of Photography, Tokyo, Japan  
*Interactiva00*, Museo de Arte Contemporáneo, Mérida, Mexico  
 Foto/Graphik Galerie Kaethe Kollwitz, Berlin, Germany
- 2000 7<sup>th</sup> Bienal de la Habana, Havana, Cuba  
 International Festival for Architecture in Video, University of Florence, Florence, Italy  
*Mediaterra 2000*, Fornos Center, Athens, Greece  
*Split*, Splitski Filmski Festival, Croatia  
*File*, Museum of Image and Sound, São Paulo, Brazil  
*Art electrònic a Espanya*, Sala d'Exposicions de la Caixa de Sabadell, Sabadell, Spain  
*Vectorial Elevation, Relational Architecture No. 4*, Ars Electronica Festival, OK Center, Linz, Austria  
*Re:Positioning Fear, Relational Architecture No.3*, Medienkunstpreis, ZKM, Karlsruhe, Germany  
*The Able Skin*, immersive VR installation with robotic lighting, featuring impossible architecture by Emilio López-Galiacho. Next Festival, Karlstad, Sweden
- 1999 *Re:Positioning Fear, Relational Architecture No. 3*, Interactive Urban Landscapes, Copenhagen  
*The Able Skin*, Immersive VR installation with robotic lighting, featuring impossible architecture by Emilio López-Galiacho, Futura, 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  
*Re:Positioning Fear, Relational Architecture No. 3: Viper 98 webart selection*, Lucerne, Switzerland  
*Re:Positioning Fear, Relational Architecture No. 3: Lo Mejor de los dos Mundos*, Cuenca, Spain
- 1997 *Arte Virtual, Realidad Plural*, Museo de Monterrey, Monterrey, Mexico  
*Re:Positioning Fear, Relational Architecture No. 3*, 3rd Internationale Biennale Film+Architektur, Graz, Austria  
*Displaced Emperors, Relational Architecture No. 2*, Ars Electronica Festival, Remote Sensations, Linz, Austria  
*The Able Skin*, MOPU, Festival Internacional de Info-arquitectura, Madrid, Spain
- 1996 *The Able Skin*, 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  
*Open Bridge*, various venues in several countries
- 1993 *Surface Tension*, Akademie der Bildenden Kunste, Nuremberg, Germany  
*Tomorrow's Realities*, SIGGRAPH, Anaheim, CA  
 2IM VR Exhibition, Comunidad de Madrid, Madrid, Spain  
*Superficial Manifesto*, 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

## WEB PROJECTS

- 2004 Los Angeles Museum of Contemporary Art, Digital Gallery, Los Angeles

- 2003 *Amodal Suspension, Relational Architecture No. 8* <http://www.amodal.net>  
*Re:Positioning Fear, Relational Architecture No. 3* <http://rhizome.org/object.rhiz?2398>

## ARTIST RESIDENCIES AND WORKSHOPS

- 2005-07 NRC, Institute for Research in Construction, Ottawa, 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 AND PRESENTATIONS

- 2011 Sydney Opera House, Australia  
 Harvard University, Graduate School of Design, Cambridge, MA  
 Danish Architecture Center, Copenhagen, Denmark  
 IFACCA 5th World Summit on Arts and Culture, Melbourne, Australia  
 Keynote, Institute for Comparative Modernities, Cornell University, Ithaca, NY  
 Arnold Hall, SCAD, Savannah, GA
- 2010 Manchester Art Gallery, Manchester, UK  
 CHIN Digital Heritage Symposium Keynote, Vancouver, 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  
 Université de Montréal  
 Concordia University, Montréal, Canada  
 Adelaide Film Festival, Keynote, Adelaide, Australia  
 21<sup>st</sup> Century Museum of Contemporary Art, Kanazawa, Japan
- 2008 *Frequency and Volume*, The Barbican Centre, London, UK  
 Institute of Contemporary Arts (ICA), London, UK  
 Goldsmiths College, London, UK  
 Science Museum, London, UK  
 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, UK  
 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, UK  
 Goldsmiths College, London, UK  
 Logo Park, Amsterdam, The Netherlands  
 Guggenheim Museum, New York  
 Concordia University, Montréal, Canada  
 Q-Arts, Derby, UK
- 2005 School of Architecture, University of Lincoln, UK  
 Phoenix Arts, Leicester, UK  
 Broadway, Nottingham, UK  
 Metro Cinema, Derby, UK  
 Avenue Campus, Northampton, UK  
 Loopholes Symposium, Harvard University, Cambridge, MA  
 Sala de Arte Público Siqueiros, Mexico City  
 Kodak Lecture, Ryerson, Toronto, Canada  
 IVF, Victoria, Canada

- 2004 NTT InterCommunications Centre, Tokyo, Japan  
 Media Space, Stuttgart, Germany  
 Fundación Telefónica, Madrid, Spain  
 Carlos III, Madrid, Spain  
 Centro Nacional de Investigación teatral, CNA, México  
 La Société des arts technologiques, Montréal, Canada  
 International Design Conference Aspen, Aspen, CO  
 Maryland Institute of Contemporary Art, Baltimore, MD  
 Lower Manhattan Cultural Council, New York
- 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  
 Making Art of Databases, V2\_Organisatie, Rotterdam, The Netherlands  
 California Science Center, Los Angeles  
 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  
 Museums as Media Symposium, Guggenheim Museum, New York  
 Subtle Technologies conference, University of Toronto, Canada  
 University of California Los Angeles, Art department, Los Angeles, CA  
 Los Angeles Museum of Contemporary Art, Art in Motion lecture series, Los Angeles, CA
- 2001 Transurbanism, Netherlands Architecture Institute, V2, Rotterdam  
 Interventions Symposium, National Museum of Photography, Bradford, UK  
 Istanbul Biennial, Istanbul, Turkey  
 Ars Electronica Festival, Engineers of Experience, Linz, Austria  
 Yamaguchi Center for Arts and Media, Yamaguchi, Japan  
 Wexner Center, Media Arts and Culture Colloquium, 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
- 1999 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
- 1997 Jornadas El Objeto Inmaterial, Trasforma, Vitoria, Canada  
 IATM conference, Keynote speaker, Palacio de Correos, Madrid, Spain  
 Seminario "Conocimiento del Arte," Residencia de Estudiantes, Madrid, Spain
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 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  
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 Jornadas Sobre Arte y Comunicación Multimedia, Politécnico, Valencia, Spain  
 Learning in Networks Conference, University of Karlstad, Sweden  
 Universidad Nacional Autónoma de México, Department of Art, Mexico City  
 Tecnológico de Monterrey, Department of Communications, Monterrey, Mexico
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- Museo de Antropología, Mexico City
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## PUBLICATIONS

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- 2004-07 Lozano-Hemmer, Rafael, "under scan," emda and Antimodular
- 2004 Lozano-Hemmer, Rafael, "The Relational Museum," Proceedings of the International Association of Telecommunication Museums, London.
- Lozano-Hemmer, Rafael and Gómez-Peña, Guillermo, "Tech-IIIa Sunrise," *Aztlán 29*, no.1 Spring
- 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
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- Lozano-Hemmer, Rafael, "Displaced Emperors, Relational Architecture #2", *FleshFactor*, Ars Electronica, Linz
- 1997 Lozano-Hemmer, Rafael, "Arte Electrónico: Pervirtiendo lo tecnológicamente correcto," *Movimiento Actual*, Monterrey, Dec
- Lozano-Hemmer, Rafael, "The Trace: Remote Insinuated Presence", YLEM, Sep
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- 1994 Lozano-Hemmer, Rafael, "Surface Tension," *Visual Proceedings*, ACM Siggraph, Chicago
- Lozano-Hemmer, Rafael, "IMmediaCY," *Endo und Nano, Die Welt von Innen*, Verlagsgesellschaft, Linz, Austria
- 1993 Lozano-Hemmer, Rafael, "Virtual Reality," *Bioapparatus*, The Banff Centre For The Arts, Canada

## CURATING

- 2003 Co-director with Brian Massumi, Hume and Mobile (HUMO) workshop, Linz. Supported by V2 and the Ars Electronica Center
- 1998-04 Coordinator, "Life X.0", International Competition, Madrid. Artificial life competition and exhibition, 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.

## PERFORMANCES

- 2009 21<sup>st</sup> Century Museum of Contemporary Art, Kanazawa, Japan
- 1994 *Technological Contemporary Dance with Transition State Theory*, X'Teresa Arte Alternativo, Mexico City
- 1993 *Technological Contemporary Dance with Transition State Theory*, Akademie der Bildenden Künste, Nuremberg, Germany  
*Technological Contemporary Dance with Transition State Theory*, SIGGRAPH Festival, Anaheim, CA  
*Technological Contemporary Dance with Transition State Theory*, Circulo de Bellas Artes, Sala de Columnas, Madrid, Spain
- 1992 *Performances with Dick Higgins*, Storm Riders hörspiel, Danish State Radio, Denmark  
*Technological Theatres with PoMo CoMo*, Ars Electronica Festival, Linz, Austria
- 1991 *Technological Theatres with PoMo CoMo*, Experimental Intermedia, New York  
*Technological Theatres with PoMo CoMo*, Artscourt, Ottawa, Canada  
*Technological Theatres with PoMo CoMo*, Festival du théâtre à risque, Musée du Québec, Québec, Canada  
*Technological Theatres with PoMo CoMo*, Le Musée d'art contemporain de Montréal, Canada  
*Technological Theatres with PoMo CoMo*, The Music Gallery, Toronto, Canada
- 1990 *Performances with Dick Higgins*, Alberta College of Art, Alberta, Canada  
*The City that Could*, Banff Centre, Alberta, Canada  
*Technological Theatres with PoMo CoMo*, Hallwalls Gallery Vault, Buffalo, NY
- 1988 *Technological Theatres with PoMo CoMo*, Articule Gallery, Montréal, Canada  
*Technological Theatres with PoMo CoMo*, Université Laval, Learned's Conferences, Québec, Canada  
*Technological Theatres with PoMo CoMo*, York University, Strategies of Critique, Toronto, Canada

## RADIO AND RADIO ART

- 1987-92 *The Postmodern Commotion*, CKUT 90.3FM weekly radio program, co-host and producer, Montréal, Canada  
*Read my Blips*, electroacoustic music piece
- 1991 International Radio Conference, McGill University, Montréal, 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  
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, Montréal, Canada

## RESEARCH AND ADVISING

- 1998-ongoing Co-creator and organizer, *Life x.0*, International Art and A-life Competition, Madrid, Spain  
Telefonica Foundation Sponsorship
- ongoing International Advisory Committee, Inter-Society for the Electronic Arts (ISEA)
- 2003 Research and Creativity Committee, Hexagram, Montréal, Canada  
Jury, Latin-American Experimental Hypermedia Center, Buenos Aires, Argentina
- 2001 Living in Mixed Realities, GMD conference, International Committee, Bonn, Switzerland  
Jury, Foundation Daniel Langlois, Montreal, Canada
- 1998 "System for 3D tracking of a remote point," International Patent, WIPO # 9814798A1
- 1996 Chair and co-organizer, 5th International Conference on Cyberspace "5Cyberconf," Madrid, Art and Technology Foundation Sponsorship

- 1995 Corresponding Editor, Multimedia Graphics I, Mediamatic Interactive Publishing, Amsterdam,  
The Netherlands  
Prix Milia d'Or, Grand Jury, Cannes, France
- 1994 Curator, *Arte Virtual, 12 Propuestas de Arte Reactivo*, Madrid, Spain
- 1993 Jury, Video ARCO, Madrid, Spain

#### SELECTED COLLECTIONS

21C Museum, Kanazawa, Japan  
Art Stations Foundation – Grazyna Kulczyk Collection, Poznan, Poland  
Borusan Contemporary Art Collection, Istanbul, Turkey  
CIFO, Miami, FL  
Collection Jean et Collette Cherqui, France  
DAROS Latinamerica Collection, Zurich, Switzerland  
Fidelity Investments  
Fundacion Cultural, New York  
Fundación Privada Sorigué, Lleida, Spain  
Fundación Telefónica, Madrid, Spain  
Jonathon Carroll Collection, London, UK  
Jumex Collection, Mexico  
Manchester Art Gallery, Manchester, UK  
Museo Nacional Centro de Arte Reina Sofia, Spain  
Museum of Modern Art, New York  
Singapore Art Museum, Singapore  
Tate Modern, London, UK