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Updated April 20, 2016

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## EDUCATION

- 2000–02 **Master of Fine Arts, Design**, Dynamic Media Institute, Massachusetts College of Art & Design, Boston, MA  
 Thesis: Dynamic Visual Formation: Theory and Practice | Advisors: Jan Kubasiewicz & Krzysztof Lenk
- 1987–89 **Master of Architecture**, History and Theory of Architecture, Architectural Association School of Architecture, London, England. Thesis: Le Corbusier: Complexities and Contradictions | Advisor: Julian Roberts  
 Grant: Studied with juried scholarship from the Brazilian Federal Organization for Research, CNPq
- 1980–84 **Bachelor of Architecture and Urban Planning**, Faculdade de Belas Artes de São Paulo, Brazil  
 License: Licensed Architect in Brazil (registered no. 149.684)

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## ACADEMIC EXPERIENCE

- 2015– **Professor** (with tenure), Faculty of Design, OCAD University, Toronto, Canada (started in January)
- 2013 **Visiting Professor**, College of Design and Innovation, Tongji University, Shanghai, China (March–April)
- 2012–14 **Core Faculty** NULab for Texts, Maps, and Networks
- 2010–11 **Associate Dean for Academic and Faculty Affairs**, College of Arts Media & Design, Northeastern University–NU
- 2009 **Interim Chair**, Department of Art + Design, NU (fall 09)
- 2009–14 **Associate Professor** (with tenure), Graphic Design, Department of Art + Design, NU
- 2003–09 **Assistant Professor**, Graphic Design, Department of Art + Design, NU

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## PROFESSIONAL EXPERIENCE

### SELECTED DESIGN WORK

- 2015 **Design of art book** *MDC* conceived by Luisa Rabbia to celebrate Mario Diacono's 85th birthday. Edizioni del Pareto & Luigi Maramotti.
- 2014 **Design and production of app for iPhone and Android** for the contemporary art exhibition *Carla Fernández: The Barefoot Designer*. Work commissioned by the Isabella Stewart Gardner Museum, Boston. <http://goo.gl/8Ugygb>  
 Download for iPhone: <https://goo.gl/v3Q4sG> • Download for Android: <https://goo.gl/bQv9ju>
- Design of art book** *Nightfall* by Hungarian artist B. Részegh & author G. Dragomán. Bookart. <https://goo.gl/Zifpve>
- 2012–13 **Design & production of iPad app** for the contemporary art exhibit *Great Bare Mat & Constellation* by the Raqs Media Collective. Work commissioned by the Isabella Stewart Gardner Museum, Boston. <http://goo.gl/XCa0Tvw>  
 > Download: <https://itunes.apple.com/us/app/great-bare-mat/id779105887?mt=8>
- 2012 **Design of art book** *Great Bare Mat & Constellation* displaying work by Indian artists the Raqs Media Collective. Work commissioned by the Isabella Stewart Gardner Museum, Boston. <http://goo.gl/XCa0Tvw>
- 2011–13 **Concept & interface design** of tablet app *Visualizing Speech Melody*. Work in collaboration with R. Patel. Funded by Tier 1 Interdisciplinary Research Seed Grant Program, Provost Office, NU. <http://goo.gl/fi7G3X>  
 > Story: [www.northeastern.edu/news/2012/05/language-learning](http://www.northeastern.edu/news/2012/05/language-learning)
- 2011–12 **Designer in residence** at BlueFin Labs, Cambridge, MA (later acquired by Twitter). Consultant: user experience and the design of social TV analytic visualizations.
- 2010 **Design of graphical metaphor** of the Human Development Index. Work commissioned by C.A. Hidalgo (CID, Harvard Kennedy School). Developed with NU students: A. Simoes, D. Landry, G. House. In: UNDP Reports, 2010/39, 09/2010: <http://goo.gl/qhl4Q2>  
 > Story at Slice of MIT: <http://alum.mit.edu/pages/sliceofmit/2010/11/19/human-development-tree>  
 > Metaphor & tool were implemented in 2013 by the Brazilian Government to visualize the Municipal Human Development Index (MHDl) and 180 socioeconomic indicators. <http://atlasbrasil.org.br/2013/arvore>
- 2009–11 **Design consultant** in NSF funded research *Displaying Prosodic Text for Reading Aloud with Expression* by P.I. R. Patel (Speech pathology). Work consisted of advising for visual strategies (e.g., expressive typography and graphical elements), and designing interactive interface. <http://goo.gl/QnUWm7>
- 2009–10 **Design of website** BuRSTS for A-L Barabási's book *Bursts*. Work included design of book navigation, data viz, and word prediction game. Developed with N. Blum, R. Crane, J. Fantini, and A. Pawling. [www.brsts.com](http://www.brsts.com)

- 2008–09 **Design and production of microsite** for contemporary art exhibit *Luisa Rabbia: Travels with Isabella*. Work commissioned by the ISGM, Boston. <http://goo.gl/Me8BCs>
- 2007 **Design of time-based segments** (title sequence, animated maps, headlines, closing credits) for the film *Alaska Far Away*, commissioned by Juster Hill Productions, San Francisco, CA. [www.alaskafarawaythemovie.com](http://www.alaskafarawaythemovie.com)  
**Design consultant** for F+F Studio, Taipei. Helped design the web site *The Modern Sage of Cursive Script: Yu Youren and his World of Calligraphy*, National Museum of History, Taiwan. <http://webtitle.nmh.gov.tw/yuyouren>
- 2003–04 **Design of title sequence**, promotional material and packaging for the film *Father's Day* by Mark Lipman.
- 2002–03 **Design & production of CD-ROM** for art exhibit *Presence: The Ephemeral in Focus*, Work commissioned by the ISGM, developed in collaboration with Fenya Su. Awarded 2014 Honorable Mention, AAM. <http://goo.gl/XyVGGp>

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SELECTED **EXHIBITION DESIGN & CURATORIAL WORK**

- 2015 **Curator & designer of exhibit** *The Art of Networks II* showcasing visualizations of networks.  
 03/26–08/23: New York Hall of Science, NY. The exhibit opened during CompleNet 2015. <http://goo.gl/p9AT5S>  
 09/12–10/08: Foosner Art Museum, Florida Institute of Technology, Melbourne, FL. <http://goo.gl/qVnIcn>
- 2012 **Curator & designer of exhibit** *The Art of Networks* showcasing visualizations of networks, Foosner Art Museum, Melbourne, FL, 03/08–04/08 <http://goo.gl/BCSaba> Exhibit opened at CompleNet 2012. <http://goo.gl/ZhDfLN>  
 > Stories: <http://goo.gl/6xHQ3r> • <http://goo.gl/8oEFhm> • <http://goo.gl/AgD0i4>
- 2011 **Design of exhibition** *Science + Art + Technology* of work by C. A. Hidalgo (MIT Media Lab) and R. Hausmann (CIDI, Harvard Kennedy School). Worked with MIT students A. Simoes & P. Salesses. MIT Media Lab, 03/28–07/3.

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SELECTED **PROFESSIONAL POSITIONS IN SÃO PAULO BRAZIL**

- 2000 **Senior Designer**, Abril on Line, Editora Abril
- 1997–00 **Senior Designer**, *Capricho* magazine, Editora Abril
- 1996–97 **Art Director**, magazines *Design Gráfico* and *Business Woman*, Editora Market Press
- 1991–94 **Chairperson of Art Education & Public Affairs Department**, Museu de Arte de São Paulo
- 1991–96 **Freelance Exhibition Designer**, includes work with artist Alex Flemming in 1991
- 1990 **Chairperson of the Graphic Arts Department**, Museu de Arte Moderna

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**PUBLICATIONS**

**BOOKS, BOOK CHAPTERS & ENCYCLOPEDIA ENTRIES**

- 2016 **I. Meirelles. CHAPTER: Visualizing Information.** Flanders, Julia & Jannidis, Fotis (Eds). *The Shape of Data in Digital Humanities: Modeling Texts and Text-based Materials*. Surrey, UK: Ashgate. **Upcoming: 2016**  
 M. Schich, I. Meirelles, R. Malina. E-BOOK: *Arts, Humanities, and Complex Networks* 5th edition. MIT Press (First edition, 2012) <http://ahcncompanion.info> • To order: <http://goo.gl/i9UuWn>  
 > MIT Press Journals Podcast: [www.mitpressjournals.org/page/podcast\\_episode17\\_LEON](http://www.mitpressjournals.org/page/podcast_episode17_LEON)
- 2014 **I. Meirelles, M. Schich, R. Malina. Complex Network Analysis of Arts and Humanities.** R. Alhaji & J. Rokne (Eds) *Encyclopedia of Social Network Analysis and Mining*. Heidelberg, Germany: Springer-Verlag. <http://goo.gl/f2Wsls>
- 2013 **I. Meirelles. BOOK: Design for Information: An introduction to the histories, theories, and best practices behind effective information visualizations.** Rockport Publishers. <http://amzn.to/145tqSQ>  
 In French (2014) *Design de l'Information*. Trans. C. Vair. Parramón France. <http://amzn.to/1sikeoC>  
 In Spanish (2014) *La Información en el Diseño*. Trans. M.A. Antolín. Parramón Paidotribo. <http://amzn.to/1pF7yEU>  
 > **Gold Medal** Editorial Category, International Institute for Information Design IIIDAward2014: <http://goo.gl/o6KtnR>  
 > **Reviews:** *Choice* May 2014 51:51-4823: <http://www.cro3.org/content/51/09/51-4823>  
 R. Kosara: <http://eagereyes.org/criticism/review-isabel-meirelles-design-information>  
 A. Cairo: <http://www.thefunctionalart.com/search?q=meirelles>  
 A. Marcus in *Information Design Journal IDJ* 20(3), 2013, 296–297: <http://dx.doi.org/10.1075/idj.20.3.10mar>  
 R. Grant in *Significance* Volume 11, Issue 3, (16 JUL 2014): <http://goo.gl/zx48U4>  
 J. Frascara in *Visible Language Journal* 48.2, 2014, 110: <http://goo.gl/vwt5ca>  
 D. A. Morrison in *Systematic Biology*, Oxford Journals (11/2014) doi:10.1093/sysbio/syu092: <http://goo.gl/bQydrP>
- I. Meirelles, C.A. Hidalgo, A. Simões. CHAPTER 1: Case Study: The Development of the HDITree.** Fadel, Spinillo, Moura & Triska (Eds). *Selected Readings of 5th Information Design International Conference*. São Paulo: SBDI, 12-26
- 2011 **I. Meirelles. CHAPTER 5: Visualizing data: new pedagogical challenges.** Spinillo, Farias, Coelho & Tori (Eds) *Selected Readings of 4th Information Design International Conference*. São Paulo: SBDI, 73–83. <http://goo.gl/rsg942>
- 2007 **I. Meirelles. CHAPTER 3: Diagrams and Problem Solving.** Spinillo, Farias & Padovani (Eds). *Selected Readings of 2nd Information Design International Conference*. São Paulo: SBDI, 45–53. <http://goo.gl/D4iMhR>

**REFEREED ARTICLES**

- 2015 B. F. Welles, I. Meirelles: **Visualizing Computational Social Science: The Multiple Lives of a Complex Image.** *Science Communication*, SAGE Publications, Feb 2015 vol. 37 no.1 34-58. <http://goo.gl/nO6iTK>
- 2013 I. Meirelles, X. Sun: **Teaching information visualization by exploring their power in engaging users of social media applications.** *InfoDesign—Brazilian Journal of Information Design.* <http://goo.gl/6Lg6Rb>
- I. Meirelles, R. S. Kjærsgaard, M. Meyer, B. Wong. WHITE PAPER: **The cross-disciplinary challenges of visualizing data.** *SEAD Network for Sciences, Engineering, Arts & Design*, NSF report. <https://goo.gl/D6UYfo>
- 2008 I. Meirelles, C. Noland: **Visual Representations of Health Information: A Critique of the 2005 Food Pyramid.** *J American Communication ournal*, vol. 10, Special Issue 2008. <http://goo.gl/ZeTrfm>
- 2007 I. Meirelles: **The Use of Metaphors in Dietary Visual Displays around the World.** *Visible Language*, no. 41.3, 204–219. Special Issue guest editors: K. van der Waarde & P. Westendorp. <http://goo.gl/0SPLLV>
- 2005 I. Meirelles: **Dynamic Visual Formation.** *Visible Language*, 39.2, 100–119. <http://goo.gl/Hi8zvP>

**INVITED PUBLICATIONS & EDITORIALS**

- 2016 M. Schich, I. Meirelles, E. Edmonds (Eds) **Special Section: Arts, Humanities and Complex Networks**, *Leonardo*, Vol. 49, No. 5. **Upcoming**
- 2014 M. Schich, I. Meirelles, E. Edmonds (Eds) **Special Section: Arts, Humanities and Complex Networks**, *Leonardo*, Vol. 47, No. 3, 265–279, MIT Press. [www.mitpressjournals.org/toc/leon/47/3](http://www.mitpressjournals.org/toc/leon/47/3)
- 2013 M. Schich, I. Meirelles, E. Edmonds (Eds) **Special Section: Arts, Humanities and Complex Networks**, *Leonardo*, Vol. 46, No. 3, 267–279 MIT Press. [www.mitpressjournals.org/toc/leon/46/3](http://www.mitpressjournals.org/toc/leon/46/3)
- 2012 M. Schich, I. Meirelles, E. Edmonds (Eds) **Special Section: Arts, Humanities and Complex Networks**, *Leonardo*, Vol. 45, No. 1, 77–89 MIT Press. [www.mitpressjournals.org/toc/leon/45/1](http://www.mitpressjournals.org/toc/leon/45/1)
- 2011 M. Schich, I. Meirelles, E. Edmonds (Eds) **Special Section: Arts, Humanities and Complex Networks**, *Leonardo*, Vol. 44, No. 3, 239–267, MIT Press. [www.mitpressjournals.org/toc/leon/44/3](http://www.mitpressjournals.org/toc/leon/44/3)
- 2010 M. Schich, I. Meirelles, A.-L. Barabási: **Editorial: Arts, Humanities and Complex Networks.** *Leonardo*, Vol. 43 No. 3, 212, MIT Press. [www.mitpressjournals.org/toc/leon/43/3](http://www.mitpressjournals.org/toc/leon/43/3)
- 2008 I. Meirelles: **Time-based design course.** M. Dooley and S. Heller (Eds). *Teaching Motion Design: Course Offerings and Class Projects from the Leading Undergraduate and Graduate Programs.* NY: Allworth Press, 175–180

**INTERNATIONAL REFEREED PUBLISHED CONFERENCE PROCEEDINGS**

- 2013 I. Meirelles, X. Sun: **Teaching information visualization by exploring their power in engaging users of social media applications.** In *Proceedings of 6th Information Design International Conference.* Blucher Design Proceedings, num.2, vol.1, p.379-389. <http://dx.doi.org/10.5151/designpro-CIDI-34>
- 2011 I. Meirelles, C.A. Hidalgo, A. Simões: **Case Study: Graphical representations of the human development index.** Proceedings of 5th Information Design International Conference, Florianópolis, Brazil.
- 2010 I. Meirelles: **Shifting Paradigms: Designing Tools and Systems.** North Carolina State University, Raleigh.
- 2009 I. Meirelles, P. Cavalchini: **Art Micro-Sites: A Manifesto!** Proceedings of International Conference Media in Transition 6. Boston, MA <http://web.mit.edu/comm-forum/mit6/papers/Cavalchini.pdf>
- I. Meirelles: **Visualizing Data: how technology has affected the practice.** Proceedings of 4th Information Design International Conference, Rio de Janeiro, Brazil.
- 2006 I. Meirelles: **A Framework for Teaching Fundamentals of Time-Based Design.** Proceedings of 33rd International Conference Computer Graphics & Interactive Techniques SIGGRAPH 2006 Educators Program. <http://goo.gl/nSNwLp>
- 2005 I. Meirelles: **Diagrams and Problem Solving.** Proceedings of 2nd Information Design International Conference, S.P., Brazil. <http://goo.gl/6T2hmR>
- 2004 I. Meirelles: **CD-ROM Presence: The Ephemeral in Focus.** Proceedings of F@imp 2004 International Audiovisual Festival on Museums and Heritage, Taipei, Taiwan.

**PRESENTATIONS****SELECTED NATIONAL & INTERNATIONAL REFEREED CONFERENCE PRESENTATIONS**

- 2015 **Spaces of Learning**, AIGA Design Education Conference (DEC). York University, York, Canada. Paper: *From Wow to Why: Information Design as Interface for Learning.*
- 2014 **IDC 2014: Information Design Matters**, IDA, London, UK. Paper: *Monitoring our burgeoning discipline.*
- 2013 **Perspectives from the Field: Teaching, Learning and Doing Design**, RGD and York University, York, Canada. Paper: *The Pedagogical Challenges Raised by the Burgeoning Practices of Visualizing Data.*

- 6th Information Design International Conference, SBDI. Recife, Brazil. Paper: *Teaching information visualization by exploring their power in engaging users of social media applications.*
- 2011 5th Information Design International Conference, SBDI. Florianópolis, Brazil. Paper: *Case Study: Graphical representations of the human development index*
- 2009 **Media in Transition 6**, Comparative Media Studies and MIT Communications Forum. Boston. Presented with P. Cavalchini. Paper: *Art Micro-Sites: A Manifesto!*
- 4th Information Design International Conference, SBDI. Rio de Janeiro, Brazil. Paper: *Visualizing Data: How Technology Has Affected the Practice*
- 2008 **TypeCon 2008 Conference, Type and Design Education Forum**, Society of Typographic Aficionados. Buffalo, NY. Paper: *First Encounter with Kinetic Typography*
- Massaging Media 2, AIGA DEC. Boston, MA. Paper: *Verbivocovisual: Modern Poetry Reconsidered.*
- 2007 IDC 2007, IDA, London, UK. Paper: *Health Information: A Critique of the US 2005 Food Pyramid Graphic*
- Intent/Content, AIGA DEC. Nashville, TN. Paper: *Visualization of Information: Learning from Gestalt Principles*
- Schools of Thoughts III, AIGA DEC. Pasadena, CA. Paper: *Representing Systems: A Case Study*
- 2006 33rd International Conference on Computer Graphics & Interactive Techniques SIGGRAPH 2006, Educators Program. ACM-SIGGRAPH. Boston, MA. Paper: *A Framework for Teaching Fundamentals of Time-Based Design.*
- 2005 **MX Conference: Design Perspectives, Envisioning Design for the XXI Century.** Organized by Iberoamericana University. Mexico City, Mexico. Paper: *Diagramming as a Strategy for Solving Graphic Design Problems*
- DX National Design Conference: Education, Business and Culture.** Organized by the Design Exchange Museum. Toronto, Canada. Paper: *Designing for Time-Based Environments*
- 2nd Information Design International Conference, SBDI São Paulo, Brazil. Paper: *Diagrams and Problem Solving.*

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**SELECTED NATIONAL & INTERNATIONAL INVITED LECTURES AND CONFERENCE PRESENTATIONS**

- 2016 **Keynote at Diagrams 2016– 9th International Conference on the Theory and Application of Diagrams.** Philadelphia. Upcoming (August 02–05, 2016) <http://www.diagrams-conference.org/2016/>
- The Impact of Technology on Information Design in Journalism.** *Culture Analytics and User Experience Design*, Culture Analytics Program IPAM, UCLA. <http://goo.gl/mWJRfy>
- 2015 **The Visualizing Spirit.** Scholars Program Symposium on Digital Culture, Annenberg School for Communication, University of Pennsylvania. <https://goo.gl/jcKl36>
- Visualization of Cultural Phenomena: An Overview.** Presentation hosted by IPAM-UCLA, Modern Math Workshop, SACNAS National Conference, Washington DC.
- It Is All About Compromise.** Panel: Ideation, Cognition, & Communication, Canadian Visual Analytics School–CANVAS 2015, hosted by CIVDDD and CANVAC. <http://www.canvas2015.ca/>
- Visualization in the Media: Past and Recent Trends** (Opening Talk). Data Meets Viz: Interactions and Interactivity Workshop. Kloster Holzen, Germany.
- 2014 **Learning from Constraints in Visualizations of Information** (Keynote). DH Forum 2014: Nodes & Networks in the Humanities, The University of Kansas, Lawrence, KS. <http://idrh.ku.edu/dhforum2014/keynote-talks>
- Design + Visualization: An Evening with Isabel Meirelles + Paul Rucker.** MICA, Baltimore, MD.
- Joint Statistical Meetings, ASA, Dialogue between Data-journalists & Statisticians.** Panel moderated by N. Robbins with A. Cairo and S. Klein, Boston Convention Center.
- Big Data Analytics Institute / Faculty of Computer Science Distinguished Speaker Series**, Dalhousie University Halifax, Canada. Lecture: *Information visualization: a designer's perspective.*
- Lecture & Workshop** at York University, Toronto, Canada: *Design for Information: Five Lessons.*
- Lecture & Workshop** at Sheridan College, Oakville, Canada: *Why do we need visualizations?*
- 2013 **Inspiration Series Webinar**, Association Registered Graphic Designers, Canada. *Transforming Data Into Information.*
- Seminar: Innovative Approaches to Turn Statistics into Knowledge**, Aguascalientes, Mexico. Organized by the Organisation for Economic Co-operation and Development. Remote presentation.
- Information Design & Data Viz Symposium.** NU, Boston. Lecture: *Data visualization: pedagogical challenges.*
- Network Science In Education satellite to NetSci 2013:** Technical University of Copenhagen (DTU), Copenhagen, Denmark. Lecture: *The Role of Diagramming in the Design Process of Visualization.*
- Sino-Finnish Centre:** Tongji University, Shanghai, China. Lecture: *Serendipities in Design.*
- Winter Symposium: Extended Problem Solving:** Center for Semiotics, Aarhus University, Aarhus, Denmark. 01/24–25. Paper: *Diagrams as agents in information visualization processes.*

- 2011 Seminario di Cultura Digitale: University of Pisa, Italy. Lecture: *Looking at data through the eyes of a designer*  
Istituto di Scienza e Tecnologie dell'Informazione "A. Faedo" CNR, Pisa, Italy.

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**SELECTED JURIED RESEARCH GRANTS**

- 2016–17 Co-PI: I. Meirelles, K. Gillieson (ECUAD). **Connection Grant, Social Sciences and Humanities Research Council of Canada.** Project: Information+ conference, exhibition and workshop. CAD \$ 24,297
- 2015–20 Co-applicant: I. Meirelles Theme 3 (lead by grant Co-PI S. Diamond, OCADU). **Ontario Research Fund, Research Excellence (ORF-RE).** Project: iCity: Urban Informatics for Sustainable Metropolitan Growth. CAD \$ 2,953,680
- 2014–17 PI: I. Meirelles. **AIGA Design Faculty Research Grant,** AIGA Design Educators Community (American Institute of Graphic Arts). Project: Interactive Information Visualizations Deconstructed. US \$ 7,500
- 2014 PI: I. Meirelles. **CAMD Faculty Research and Creative Activity Incentive Grants,** CAMD, Northeastern Univ. Project: Support for the Arts, Humanities and Complex Networks Symposium. US \$ 2,700
- 2012–13 Co-PI: E. Dillon, N. Aljoe, D. Lazer, I. Meirelles. **Tier 1 Interdisciplinary Research Seed Grant Program,** Provost Office, Northeastern University. Project: Early Caribbean Digital Archive. US \$ 50,000
- 2011–12 Co-PI: R. Patel, I. Meirelles. **Tier 1 Interdisciplinary Research Seed Grant Program,** Provost Office, NU. Project: Visualizing Speech Melody to Improve Second Language Expressive Fluency in Adolescents US \$ 50,000
- 2007–08 PI: I. Meirelles. **RSDF—Research and Scholarship Development Fund,** Provost Office, Northeastern University Project: Compendium of Time-Based Design Principles. US \$ 10,000
- 2006 PI: I. Meirelles. **Teaching Circle,** College of Arts & Science, Northeastern University (spring 06). US \$ 500
- 2004–05 PI: I. Meirelles. **IDF—Instructional Development Fund,** Provost Office, Northeastern University Project: Interactive Historical Resource for Information Design. US \$ 5,000

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**EXHIBITIONS OF MY WORK**

- 2015 The book *Design for Information*, Gold Medal in Editorial Category, is on display at the **IIIDaward Exhibition Tour** and exhibit catalogue. For exhibit dates and places: <http://www.iiidaward.net/>  
The *Great Bare Mat App* was displayed at the *Asamayavali/Untimely Calendar* solo exhibit of Raqs Media Collective. **National Gallery of Modern Art,** New Delhi, India. 12/18/14–02/15/15
- 2012 The microsite *Travels with Isabella* of Luisa Rabbia's artwork was displayed in kiosks during *Magic Moments: The Screen and The Eye.* **Isabella Stewart Gardner Museum,** Boston. 08/08–13.
- 2007 **Ramp Gallery,** Waikato Institute of Technology, Hamilton, New Zealand: *The Means by Which We Find Our Way.* Participated with a "Short Account on Language: Unfamiliar Signage." **Published in** D. Gardener & A. Wilkinson, edis (2008). *The Means by Which We Find Our Way; Observations on Design.* New Zealand: Ramp Press, 66.
- 2005 **Patricia Doran Graduate Gallery,** MassArt, Boston, MA: *The Language of Dynamic Media.* Projects displayed in dedicated computers: *Dynamic Visual Formation* and the CD-ROM *Presence: The Ephemeral In Focus.*
- 1985 **Biennale di Venezia,** Terza Mostra Internazionale di Architettura (Venice Biennial of Architecture, Third International Exhibition), Venice, Italy: *Progetto Venezia.* Group work: "Romeo and Juliet"  
**Museu de Arte de São Paulo,** Brazil: *Progetto Venezia.* Group work: "Romeo and Juliet"

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**SERVICE**


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**EDITORIAL BOARDS**

- 2015– **Member of Editorial Board,** *Applied Network Science,* SpringerOpen Journal, Springer, U.S.
- 2014– **Member of Editorial Board,** *Information Design Journal—IDJ,* John Benjamins Publishing Company, Netherlands
- 2012– **Editorial Advisor,** *Leonardo* journal, MIT Press, U.S.
- 2010– **Guest Editor,** Special Section on Art, Humanities and Complex Network, *Leonardo* journal, MIT Press (printed and online editions). Co-editor with M. Schich (UTDallas). Responsibilities include: Call for Papers, manuscript reviews, final acceptance/rejection of manuscripts, and providing introductory text for each special section.

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**CONFERENCES & SYMPOSIA**

- 2015–16 **Co-organizer,** *Information+ Conference, Workshop and Exhibition* at Emily Carr University, Vancouver, Canada. In collaboration with K. Gillieson. **Upcoming** (June 16–18, 2016) <http://informationplusconference.com/>
- 2014–16 **Member of organizing committee,** *Mathematical Analysis of Cultural Expressive forms: Images, Videos, Music, and Cognition.* The workshop is part of the Culture Analytics Program, IPAM, UCLA, <http://goo.gl/OPNXN6>

- 2014–15 **Co-chair of Conference Theme: Communication, 7th Information Design International Conference–CIDI 2015.**  
In collaboration with S. Padovani. Organized by SBDI. Brasília, Brazil. <http://www.cidi2015.org/>  
**Co-Chair, Art, Humanities and Complex Network Symposium, 6th Leonardo satellite symposium at NetSci 2015,**  
June 2 2015. In collaboration with M. Schich and R. Malina <http://artshumanities.netsci2015.net/>  
**Chair of Design, NetSci 2015–International School & Conference on Network Science.** Saragoza, Spain.  
**Chair of Design, NetSci X 2015–Speial Edition of NetSci.** Rio de Janeiro, Brazil. <http://netscix2015.emap.fgv.br/>
- 2013–14 **Co-Chair, Art, Humanities and Complex Network Symposium, 5th Leonardo satellite symposium at NetSci 2014.**  
In collaboration with M. Schich and R. Malina <http://artshumanities.netsci2014.net/>  
**Chair of Design, NetSci 2014–International School and Conference on Network Science.** Berkeley, California
- 2012–13 **Co-Chair, Art, Humanities and Complex Network Symposium, 4th Leonardo satellite symposium at NetSci 2013.**  
In collaboration with M. Schich, and R. Malina. <http://artshumanities.netsci2013.net/>  
**Chair of Design, NetSci 2013–International School and Conference on Network Science.** Royal Library and  
Technical University of Denmark, Copenhagen, Denmark, 06/03–07. <http://netsci2013.net>
- 2011–12 **Co-Chair, Art, Humanities and Complex Network Symposium, 3rd Leonardo satellite symposium, NetSci 2012.**  
In collaboration with M. Schich, R. Malina, and local chair C. Huepe. <http://artshumanities.netsci2012.net/>  
**Exhibit Chair 3rd International Workshop on Complex Networks, CompleNet 2012,** Florida Institute of Technology,  
Melbourne, Florida, 03/07–09. [http://2012.complenet.org/CompleNet\\_2012/Home.html](http://2012.complenet.org/CompleNet_2012/Home.html)
- 2010–11 **Co-Chair, Art, Humanities and Complex Network Symposium, 2nd Leonardo satellite symposium at NetSci 2011.**  
In collaboration with M. Schich, R. Malina and local chair T. Stepanovic. <http://artshumanities.netsci2011.net/>
- 2009–10 **Co-Chair, Art, Humanities and Complex Network Symposium, a Leonardo satellite symposium at NetSci 2010.**  
Collaborated with M. Schich and R. Malina. <http://artshumanities.netsci2010.net/>

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 SERVICE AT OCAD UNIVERSITY

- 2015–16 **Faculty representative:** StudentMoveTO (initiative lead by the four Toronto universities aiming to understand  
student transportation issues and patterns) <http://www.studentmoveto.ca/>  
**Member:** Scientific Advisory Committee, SOSCIP (Southern Ontario Smart Computing Innovation Platform)  
**Member:** Graphic Design Curriculum Committee; and Research Website Revamp Committee (RWRC)  
**Member:** AVP Research & Innovation Search Committee; and Interactive Design Faculty Search Committee
- 2014–15 **Member:** Inclusive Design Faculty Search Committee

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 SELECTED SERVICE AT NORTHEASTERN UNIVERSITY

- 2013–14 **Chair:** Tenure and Promotion Committee of Department of Art + Design
- 2010–11 **Associate Dean for Academic and Faculty Affairs,** College of Arts Media & Design
- 2009–10 **Member:** College of Arts, Media & Design (CAMD) Dean Search Committee; and Task Force: Policies for CAMD
- 2009 **Interim Chairperson:** Fall 2009
- 2008–10 **Member,** Faculty Senate
- 2006–08 **Member,** Program Committee, Research & Scholarship Expo (yearly event)
- 2005–07 **Member,** Faculty Advisory Board, Center for Effective University Teaching (CEUT)

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 MEMBERSHIPS

- 1992– AAM, American Association of Museums
- 2004– AIGA, American Institute of Graphic Arts
- 2005– SBDI, Sociedade Brasileira do Design da Informação (Brazilian Society for Information Design)
- 2012– IEEE, Institute of Electrical and Electronics Engineers
- 2014– IIID, International Institute for Information Design