

GUELTON Bernard

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I. Classified list of publications

A. Publications

1. Books

- 1- *Drawing from Memories*, With Teriitutea Quesnot, Ed., Cambridge Scholars, 2024. In press
- 2- *Mémoires dessinées*, With Teriitutea Quesnot, Dir. L'Harmattan, 2024. In Press.
- 3- *Médias situés et mobilités partagées*, (dir.) Éditions Hermann, 2020
- 4- *Fictions secondes*, (dir.) Éditions de la Sorbonne, 2019
- 5- *Digital Interfaces & Mobility, Cognitive, Artistic & Game Devices*, Editor, Common Ground Publishing, 2017
- 6- *Dispositifs artistiques et interactions situées*, (ed.) Presses Universitaires de Rennes, 2016
- 7- *Figures de l'immersion*, (dir.), Presses Universitaires de Rennes, 2014
- 8- *Images & récits, la fiction à l'épreuve de l'intermédialité* (ed.) de l'ouvrage, Éditions L'Harmattan, 2013
- 9- *Fiction et médias, intermédialités dans les fictions artistiques*, (dir.) Publications de la Sorbonne, 2011
- 10- *Les arts visuels, le web et la fiction*, (Dir.) Publications de la Sorbonne, 2009.
- 11- *Archifiction, Quelques rapports entre les arts visuels et la fiction*, Publications de la Sorbonne, 2007
- 13- *Côté cour*, Galerie Duchamp, Yvetot, 2002
- 14- *An immense detail*, Museu Nacional de Arte Antiga, Lisbon, 2001
- 15- *L'exposition, interprétation et ré-interprétation*, L'Harmattan, 1998
- 16- *La Maison Bienert*, Prix de la Villa Médicis hors les murs, 1995
- 17- *Mises en œuvres*, catalog, Parc Pommery, Reims, 1991

2. Articles

1. Metric and temporal relationships in collaborative map drawings, *Environment and Social Psychology* 2024 Volume 9 Issue 9 doi: 10.59429/esp.v9i9.2928
2. Spatial Behaviors and Mental Representations: Interactions of artistic and scientific perspectives, *With Teriitutea Quesnot*, Xavier Boissarie, Aurélie Herbet. *EAI Endorsed Transactions on Creative Technologies* 2024
3. Collective interactions, collaborative inhibition, and shared spatial knowledge, *With Teriitutea Quesnot*, *Memory*, 2023. DOI:10.1080/09658211.2023.226719 To link to this article: <https://doi.org/10.1080/09658211.2023.2267190>
4. "Mental maps": Between memorial transcription and symbolic projection, *Theoretical and Philosophical Psychology*, a section of the journal *Frontiers in Psychology*. *Front. Psychol.* 14:1142238.doi: 10.3389/fpsyg.2023.1142238. 2023, March 28
<https://www.frontiersin.org/articles/10.3389/fpsyg.2023.1142238/full>

5. Questions of the analytical means of spatial representation resulting from collective urban interactions, *General abstract, ICSC 2021 Rome, 8th International Conference on Spatial Cognition: Cognition and Action in a Plurality of Spaces*, 2021
6. Guelton Bernard, Quesnot Teriitutea, Convenors, Behaviors and collective spatial representations in interactive situations, Symposium 1: *General abstract, ICSC 2021 Rome, 8th International Conference on Spatial Cognition: Cognition and Action in a Plurality of Spaces*, 2021
7. Behaviours and collective spatial representations in urban areas: interactions of artistic and scientific perspectives, *EGU conference: exploring the art-science interface*, 2021
8. Comportements et représentations spatiales collectives en milieu urbain: incidences des cartographies instrumentales et partagées, *Les journées SHS*, Agence Nationale de la Recherche, 2020
9. "Impact of navigation tools on pedestrian navigation: preliminary results". *EAI Endorsed Transactions on Creative Technologies*, 2019, September 23
<https://eudl.eu/doi/10.4108/eai.13-7-2018.160387>
ResearchGate, April 14, 2019 DOI: 10.13140/RG.2.2.14387.07204
10. "New Entanglements between Instrumental, Shared and Mental Maps in the Exploration of Urban Space: an Experimental Project," *EAI Transactions on Creative Technologies*, 2017. Received on 6 September 2017, accepted on 2 December 2017, published on 10 April 2018 doi: 10.4108/eai.10-4-2018.154448
<https://eudl.eu/doi/10.4108/eai.10-4-2018.154448>
11. "Localized media and shared mobilities, creation and activation in three contemporary artistic devices", in *[Méta]morphoses numériques de la culture et des médias : quelques pistes de réflexion*, Cahiers du CRICIS, Centre de Recherche Communication, Information, Société, Numéro Spécial, 2017-1, UQAM <http://www.cricis.uqam.ca/metamorphoses-cultures-medias/>
12. "Interactive narratives in mobility and spatio-temporal horizons", in Arnaud, J., (ed.) *Espaces d'interférences narratives*, Presses universitaires du midi, 2017.
13. "Immersion in an Urban Game Project: Experiments and their Cognitive Implications" in *Spaces & Flows*, Revue, Common Ground Publishing, Chicago, 2016
<http://ijf.cgpublisher.com/product/pub.203/prod.248>
14. "Spaces and Flows, Spatiotemporal Continuities and Discontinuities in the Construction and Experience of an Alternate Reality Game" in *Digital Interfaces & Mobility, Cognitive, Artistic & Game Devices*, Editor, Common Ground Publishing, 2017
15. Un spectateur scindé et en latence? in *Dispositifs artistiques et interactions situées*, (ed.) Presses Universitaires de Rennes, 2016
16. "Artistic fictions and the question of space", *Espaços Outros*, University of Uberlandia, 2015.
17. "Immersive modes, between fusion and tension", Guelton, B. (dir.) *Figures de l'immersion*, PUR, Sept. 2014.
18. "La régulation, l'accident, la survivance, trois figures de l'œuvre contemporaine en rapport avec la nature au bord des réseaux", *Imaginations environnementales*, Revue Raison publique, n° 17, Presses Universitaires de Rennes, 2013.
19. "Repérer et jouer la fiction entre deux medias", in Guelton, B., (dir.) *Images & récits, la fiction à l'épreuve de l'intermédialité*, Éditions L'Harmattan, December 2013
20. "Self-representations and immersions in alternate realities, ludic and fictional devices", *Revue Interfaces numériques*, 2012.
21. "Fictions & intermédialité, description, narration, fiction", in *Fictions & médias*, Guelton, B. ed., Publications de la Sorbonne, 2011.
22. "Fictions des modèles, Revue Philofictions and revue Plastik, 2010 <http://art-science.univ-paris1.fr/document.php?id=175>
23. "Architecture et fiction", *Revue Paraître*, 2010.
24. "La nature au bord des réseaux", Publication of the international symposium *Esthétiques de la nature, figures de la nature dans l'art*, Salabert, Parret, Chateau (Dir.) Université Paris 1 and Université de Barcelone 2007 and "La naturaleza al margen de las redes", *Estética plural de la naturaleza*, Ed. Laertes, Barcelona.
25. "La nature au bord des réseaux", *Revue Archée*, Canada, <http://www.archee.qc.ca/index.htm>, 2005
26. "Manifesto for Research in Art, <http://www.agglo.info/-Recherche-en-Art->
27. "La cérémonie éclair", *LOGS, micro-fondements d'émancipation sociale et artistique*, Editions Ere Paris, 2005, originally published at: <http://www.archee.qc.ca/index.htm> in 2004.
28. "La Maison Bienert", *Colloque Art, architecture, espace*, Presse Universitaire de Limoges, 2005.
29. "Bernard Guelton, cinco perguntas a um artista contemporâneo", *Arte Ibérica* No. 46, Lisbon, May 2001
30. "Le temps de l'exposition", *Tekhnema*, The American University of Paris, bilingual American-French text, 1998.
31. "Un regard entre la scène et l'écran, le corps et la fiction", *Recherches poïétiques*, no. 7, 1998.

32. "Fragmentation and de-fragmentation in the exhibition: allegory, site, film", *Logiques de la fragmentation*,
33. C.I.E.R.E.C., Université de Saint-Étienne, 1996
34. "Fragmentation, specularity, allegory?" *Correspondances* n°7, Univ. des Sciences humaines de Strasbourg, 1995
35. "La place du spectateur", *Omnibus*, Paris, January 1995
36. "Mark Rothko: "Banging your head against walls", *Semiotische Berichte*, 1 - 4/1995, Austrian Association for Semiotics, Vienna, Spring 1995
37. "Interprétation et réinterprétation de l'exposition, conditions et effets de la mise en scène", *Direction des arts plastiques*, Ministère de la Culture, June 1994
38. "*Correspondances*, n°5/6, Université des sciences humaines de Strasbourg, Strasbourg, 1993
39. "Autonomy and mediation", *Apeiron* n°1, Italy, 1991
40. "Structure and contingency in the work of Giovanni Anselmo", *Apeiron* n°O, Messina, Italy, 1990
41. "Giacometti: the conversions of time", *Apeiron*, English, Italian, Italy, 1989
42. "Vis-à-vis", *Opus international*, n°104, 1987
43. "Identity-technologies", magazine "+ - 0", n°44, Brussels, 1986
44. "Measuring chromatic integration", *Die farbe* 32/33, R.F.A., 1985
45. "Mesure perceptive des couleurs : systèmes et atlas chromatiques", Colloque Couleur-Ecole, Ministère E. N., 1986
46. "Ocular movements and chromatic integration of a canvas", *Revue Centre Français de la couleur* n°16, 1982

3. Group catalogs

1. "Maisons de sable", (Exhibition at Galerie Takako-Richard, Paris), *Art domestique*, Publications de la Sorbonne, 2006.
2. "De-sign", Sadi Space Gallery, Seoul, South Korea, September 2004
3. "Entre-fictions", Editions Actes sud, Centre d'art de Rueil-Malmaison, May 1998
4. "Traits-révélateurs", IAPIF, Galerie Manet, 1996
5. "Kaidan", *Chez l'un, l'autre*, Galerie Anton Weller, catalog, Paris, 1995
6. Bourse d'art monumental, *Centre d'art d'Ivry*, catalog, 1995
7. "Aperçus", Guide informatisé de la Jeune création en France, Centre national d'art moderne, Centre Georges Pompidou, 1995
8. "Les Versions du paysage", C.R.E.D.A.C., Ivry, catalog, 1994
9. "Musée éphémère", City of Triith St Léger, catalog, 1992
10. "Effets de miroirs", I.A.P.I.F., Paris, Livre catalog, 1989

4. Solo exhibitions

1. "Tea Pavillon", Galerie Journiac, Université Paris 1, Fontenay aux Roses in association with Galerie Saadi, Seoul, South Korea, 2004.
2. "Côté cour", Galerie Duchamp, Yvetot, March 15 - April 30, 2002
3. "Un détail immense", Museu Nacional de Arte Antiga, Lisbon, June 8 - July 31, 2001
4. "Le bonimenteur", Galerie E. Manet, Genevilliers, November 13-December 21, 1996
5. "Encore la première fois", Centre d'art d'Herblay, Herblay, February 20-March 14, 1992
6. "Encore la première fois", Intervention in the public space, town of Herblay, March 19 - April 10, 1992
7. "Nids d'aigles", Billetteries du Centre G. Pompidou, Paris, 1987
8. "Vis-à-vis", Atelier Schwarz, Paris, September 1986

5. Group exhibitions and workshops (recent selection)

1. Workshops-performances Paris-Seoul, Audio-Gates, 2019
2. Workshops-performances Paris-Seoul, Crossing-Gates, 2019
3. Workshops-performances, Montréal-Montréal, Playground, 2018
4. Workshops-performances Paris-Porto-Alegre, October 29 - November 1^{er} 2016
5. Workshops-performances Paris-Montreal and Paris-Quebec, May 13, 14, 2016
6. Workshops-performances Paris-Chicago, October 12, 17, 2015
7. Workshops-performances Paris-Rio, August 17, 31, 2015
8. Workshop-performances Paris-Annecy-Montreal, March 13, 2015
9. Workshop-performances Paris-Paris, February 13, 2015
10. Workshop-performances Paris-Rouen, November 24 & 25, December 1 & 2, 2014
11. Workshop Paris - Paris, February 13, 2015
12. Workshop Paris-Rouen, November 24 & 25, December 1 & 2, 2014
13. Listening room, Rouen School of Art, 2013
14. Smoking, Centre d'Étiolles, 2013
15. Container Fiction, City of Geneva, Switzerland, 2011

16. The Frog Princess, or Exploring Equations on a Grand Scale, Jozsa Gallery, Brussels, Belgium, May and July 2009
17. "Et le reste du monde, fables artistiques et écologiques", Bernard Guelton & Sandrine Morsillo, Musée Dubois-Corneau, Brunoy, 2008.
18. "De-Sign", Saadi Gallery, Seoul, South Korea, 2004.
19. "L'art domestique", Galerie Takako - Richard, Paris, January 22 - 29, 2003
20. "Smoking", Domaine du Saulchoir, I.U.F.M. d'Etiolles, December 1999 - June 2000
21. "Entre-fictions", Rueil-Malmaison Art Center, April 18 - May 16, 1998
22. "Chez l'un, l'autre", Galerie Anton Weller, Paris, June 19-October 29, 1995
23. Bourse d'art monumental, Centre d'art d'Ivry, Ivry, April 5-May 14, 1995
24. "Les versions du paysage", Centre d'Art d'Ivry, CREDAC, Ivry, September 24-October 31, 1993
25. "Musée éphémère 92", City of Trith Saint Léger, April 17-May 17, 1992
26. "Mises en œuvre", Exhibition design and organization with Lewitt, André, Morellet, Anselmo, Morris, Parc Pommery, Reims, June 1991
27. "Sommer atelier", City of Hanover, Dir. D. Galloway, August 1990
28. "Effets de miroirs", I.A.P.I.F., Jeune sculpture, Paris, directed by M. Nurisdany, Paris, 1989
29. "St Petersburg hangung", Slalom am Bürgplatz, Düsseldorf, 1987
30. "Nids d'aigles", Danaé Foundation, Pouilly, 1987
31. "Vis-à-vis", Musée des Beaux-arts de Reims, 1987.
32. Exhibition design and organization, "Saint-Germain - Saint innocent", Atelier Schwarz, Paris, Dec. 1986

B. Recent plenary conferences

1. Conference invitation Konkuk University, South Korea, May 2, 2019
"Spaces & flows"
2. Invitation to the French Institute of Rio de Janeiro, December 9, 2016
"Imagens & Mídias localizadas" with L. C. da Costa
1. Invitation to a conference at the State University of Rio de Janeiro, Brazil, November 17, 2016
"Mídias situadas e mobilidades compartilhadas",
2. Invitation to a conference at the State University of Rio de Janeiro, Brazil, November 10, 2016
"Ficções, imagens e intermedialidades",
3. Invitation to the University of Porto Alegre Conference, Brazil, October 31, 2016
"Mídias situadas e mobilidades compartilhadas",
4. Invitation to lecture, University of Strasbourg, March 30, 2015
"Allegory in contemporary art: processes as content?"
5. Invitation to lecture, UNIRIO, Universidade Federal do Estado do Rio de Janeiro, Brazil, Nov. 26, 2013
" Bernard Guelton, em dialogo com Evangelo Gasos "
6. Invitation to lecture, Universidade Federal do Estado do Rio de Janeiro, Centro de letras Brazil, Nov. 21, 2013
"Archifiction and geofiction, the limits or the end of the spectator".
7. Invitation to a conference at Rio State University, Brazil: Monday, May 7, 2012
"Fiction and interaction, the question of space"
8. Invitation to the Shanghai Theatre Academy Conference, China: Thursday, June 7, 2013
"Hupareel, an alternate reality game project"
9. Conference invitation Federal University of Uberlandia, Uberlandia, Brazil: Thursday, May 3, 2012
" Ficções e interações: as ficções artísticas e a questão do espaço "

C. Recent conference papers

1. Conference: Analysis of collective mental representations of urban space using labeled graphs, IV study days of the "Cartotête" network, The social dimensions of cognitive cartography, International Colloquium, University of Genoa, Aula Mazzini, Via Balbi 5, October 28 & 29, 2021
2. Conference: Questions of the analytical means of spatial representation resulting from collective urban interactions, *General abstract, ICSC 2021 Rome, 8th International Conference on Spatial Cognition: Cognition and Action in a Plurality of Spaces, 2021*
3. Conference: Comportements et représentations spatiales collectives en milieu urbain: incidences des cartographies instrumentales et partagées, *Les journées SHS, Agence Nationale de la Recherche, 2020*
4. Conference: CORES: Behaviours and collective spatial representations in urban areas: Interactions of artistic and scientific perspectives, Colloque EGU Exploring the Art-Science Interface, April 2021
5. Conference: Table ronde Art et reseaux, Université Paris 1, March 17, 2021
6. Conference: International Conference Situated Cognition Rome 2018, 11 September 2018
New entanglements between instrumental and mental maps in the exploration of urban space: preliminary results

7. Conference: The Art & Mobilities, Network Inaugural Symposium, Lancaster University, 3 July 2018, Situated Media & Shared Mobilities
8. Conference: New entanglements between instrumental shared and mental maps, Situated Medias & Shared Mobilities, Concordia University Montreal, Canada, March 22, 2018
9. Conference Presentation of the French-Canadian colloquiums Médias situés & Mobilités partagées, Université Paris 1, January 18, 2018
10. Conference: *Second International Conference on Communication & Media Studies*, University of British Columbia, Vancouver, Canada, November 17, 2017 "Situated Media and Shared Mobility: Creation and Activation in Three Contemporary Artistic Devices."
11. Conference: RGS-IBG Annual International Conference 2017, Royal Institute of Geography, London, 1^{er} September, 2017, "Located media and shared mobility: Creation and activation in one or two contemporary artistic devices".
12. Conference: Institute Without Boundaries at George Brown College, Toronto, Canada, 11th International Conference on Design Principles and Practices, March 2, 2017
"New Entanglements between Instrumental, Shared, and Mental Maps in the Exploration of Urban Space",
13. Introductory lecture to the Fictions secondes international symposium
"Between two fictions: a tennis ball", May 26, 2016
14. UQAM Conference, Montreal, Canada, Digital Metamorphoses of Culture and Media
"Situated media and shared mobilities: insights into creation and activation in three artistic devices devices", May 10, 2016
15. Invitation to the UQAM conference, Montreal, Canada, Media Art History, November 8, 2015
Re-Act: MAH Paris 2017 project
16. University Center Chicago Conference, USA, October 15, 2015
"Digital Interfaces in Situations of Mobility: Cognitive Artistic, Game, and Fictional Devices."
17. International Conference Confrence on Situated Cognition 2015 Rome, Italy, September 10, 2015
"Experiences & immersions in an hybrid reality game project between Paris-Shanghai-Montreal".
18. Invitation to the Rio de Janeiro State University Conference, September 4, 2015
"Interactive mobile storytelling and instruction sequences
19. Lecture, Sorbonne University Paris 1, December 20, 2014
"Spaces & Flows: temporal continuities and discontinuities in the construction & experience of a game in alternate realities".
20. Invitation to lecture, Sorbonne Paris 1 University, June 20, 2014
"Creations, immersions, intentions in the individual and collective creative process".
21. Invitation to lecture, Université d'Aix-Marseille, Aix-en-Provence, June 5, 2014
"Interactive mobile narratives and spatio-temporal horizons
22. Invited lecture, Concordia University, Montreal, Canada, May 12, 2014
"Audio protocols and mental mapping in alternate reality games".
23. Invitation to lecture, Concordia University and UQAM, Montreal, May 12, 2014
"Creation, immersion, intention
24. Conference invitation, IMERA, Mediterranean Institute for Advanced Research, Marseille, June 13, 2013
"Fiction des frontières: dispositifs fictionnels et virtuels" (Fictional borders: fictional and virtual devices)
25. Invitation to conference, UQAM, Canada, May 17, 18, 2013
"Digital mobility and situated interactions
26. Invitation to lecture, Laval University, ITIS, Quebec City, Canada: May 7, 2013
"Creation and immersion in fictional and virtual devices on an urban scale".
27. Invitation to the École d'architecture de Paris-Villette conference, France: Thursday, February 9, 2012
"Artistic creation and discursive mediation
28. Invitation to the École d'art de Metz conference, France: Wednesday, December 7, 2011.
"Immersion and emersion in fictional and virtual devices".
29. Invitation to lecture, Seminar, "Effets de présence", UQAM, Canada: Friday, November 11, 2011.
"Immersion and presence, vectors and effects of presence".
30. Invitation to a conference at Université UQAM, Canada: Monday, November 7, 2011.
"Machines de vision", immersion as tension
31. Invitation to a conference at Université UQAM, Canada: Sunday, October 23, 2011.
"Self-representations and immersions in alternate realities".
32. Shanghai Institute of Visual Art and XiYiTang Shanghai, China:
"Research program: creation and immersion in fictional and virtual devices", Jan. 13,14,17, 2011.
33. Invitation to a round-table conference at UQAM, Montreal, Canada, September 10, 2010 :
"Conceptions of research in the arts
34. Invitation to a conference at the Federal University of Sao Paulo, Brazil, September 20, 24, 2010 :
"Images in stories, stories in images

II. Research highlights and recent key results

Behaviors and collective spatial representations in urban environments: Impact of instrumental and shared cartographies in pedestrian navigation situations

2019-2021

Funded by ANR, Call for generic projects 2019



Université Paris 1, Institut ACTE, Équipe Fictions & Interactions, Université de Bretagne Occidentale, LETG Brest, Entreprise ORBE, Université Aix-Marseille, LNC, Université de Toulouse 2, LLA Creatis, Andhra University, India, INRS Canada

The practice of walking in an urban environment has been considerably transformed since the arrival of instrumental mapping tools such as Google Maps. On the strength of experiments conducted over several years on collective walks using a shared mapping application, a central question has clearly emerged: to what extent are instrumental and shared cartographies likely to modify our behavior and spatial representations?

While previous studies have attempted to identify the impact of navigation tools on our cognitive representations, none has really looked at the impact of tools for collective interaction between walkers in an urban environment. Specifically, this research aims to compare spatial representations - obtained via freehand drawings and graphs - and behaviors in space, transcribed using tracking data collected from cell phones.

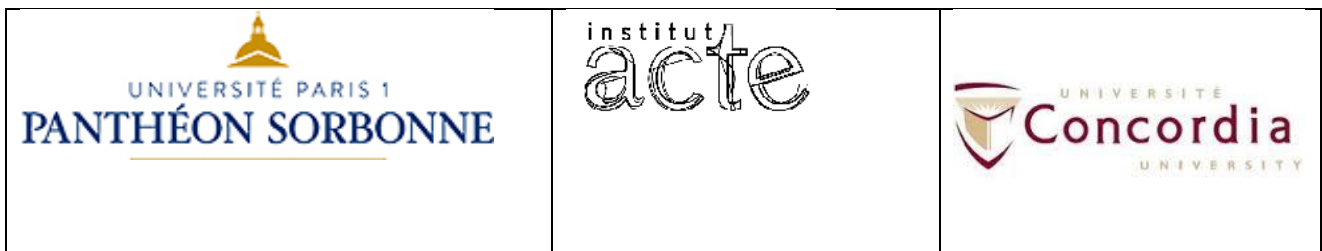
More specifically, the trackings will be compared with the drawings and graphs in a static way (final result), but above all in a dynamic way: spatio-temporal evolution of walking and spatio-temporal evolution of the construction of drawings and graphs. In particular, we will cross-analyze the spatio-temporal evolution of walking - behaviors - and the construction of freehand drawings filmed on video - representations - (but also considering the behavioral aspect in the construction of drawings and the restitution of graphs).

Keywords: spatio-temporal analysis cognitive map, shared cartography, spatial behavior, wandering, externalizations, collective interactions, urban walks, instrumented navigation, spatial representation.

Situated media and shared mobilities: mental, instrumental and shared cartographies

2017 - 2019

Funded by the scientific policy of Paris 1, the college of doctoral schools, Concordia University Canada



The aim of this research project was to question and define situated media and shared mobilities in their respective fields and in their reciprocal interactions and cross-fertilizations.

The principles of creation and activation were at the heart of these questions, allowing us to question certain contemporary artistic practices. 1) How can we circumscribe and define situated media and shared mobilities? 2) How are shared mobilities enabled and activated by situated media? 3) How have certain artistic practices seized upon situated media within shared mobilities to envisage new creative devices? In this context, an experimental study of the relationship between mental, instrumental and shared cartographies was refined and developed. Drawing on several years' experience in placing participants in interaction situations in remote spaces, the aim of this research project was to gain a better understanding of the interplay and entanglements between mental, instrumental and shared maps, taking advantage of experimentation with existing playful uses.

The methods used to tackle these issues borrowed from the human sciences: social and spatial cognition, geographical sciences, geomatics, sociology of behavior and media, and computer sciences.

The results were envisaged on 3 levels: 1) a better understanding of the interactions between situated media and shared mobilities, 2) a set of experiments relating to the cognitive and functional regimes of situated media in relation to the associated forms of community, 3) the possible feedback between the analysis of the data collected and the creation of

new scenarios. The consortium brought together several research structures from Paris 1, with a new, multi-disciplinary federation between the arts and geography clusters, 4 foreign universities, 3 French universities, 3 CNRS labs and 3 companies focused on situated media.

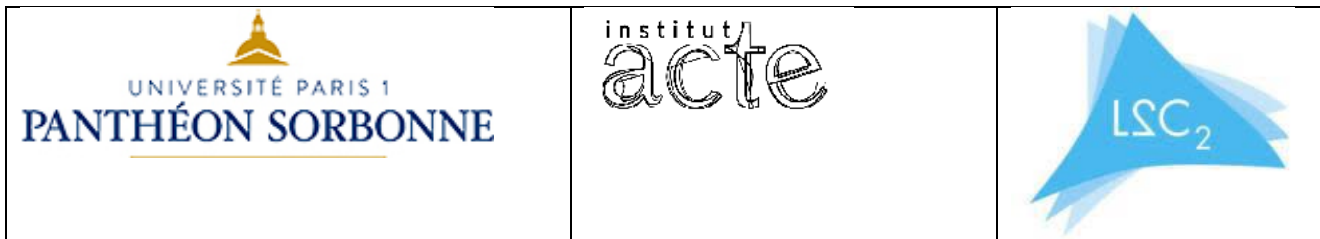
RESEARCH PUBLICATIONS :

Guelton, B., (dir.) *Mobilités partagées et interactions situées*, Ed. Hermann, - sous presses-

Digital interfaces in mobile situations: cognitive, artistic & playful devices

2014 - 2017

Funded as part of Paris 1's scientific policy



Digital interfaces in mobility situations now constitute an increasingly prevalent and shared technical and social environment. The INESM project focused on digital interfaces in mobility situations in playful and fictional artistic devices on an urban scale.

The aim was: 1) to analyze and better understand the representations and cognitive processes at work in these existing devices, through the notions of spatial and social cognition, 2) to generate new playful and fictional artistic devices based on an understanding of the cognitive functions observed, and 3) to create the technological infrastructure to enable concrete experimentation of the new devices generated in phase 2.

The project brought together two research teams from Paris 1, two foreign universities and colleges (Great Britain, Brazil, Canada), four French universities and four CNRS laboratories. Bringing together these different partners, this research project is being developed over 18 months, involving three symposia, three workshops, two exhibitions and a publication.

RESEARCH PUBLICATIONS :

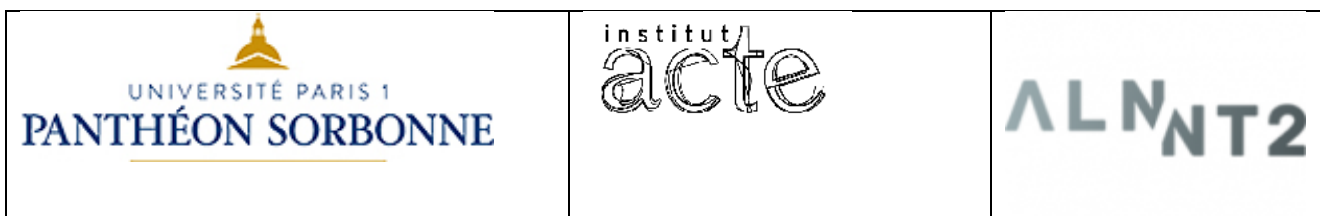
Guelton, B., (ed.) *Digital Interfaces in Situation of Mobility, Cognitive, Artistic & Game Devices*, Common Ground Research Networks, Chicago, 2017

Guelton, B., (dir.) *Dispositifs artistiques et interactions situées*, Presses Universitaires de Rennes, 2016

Creation and immersion in fictional and virtual devices

2011 - 2013

France - Canada - China funded under the Paris 1 scientific policy, UQAM University, Laboratoire Nt2.



The aim of the "Creation and immersion in fictional and virtual devices" research program was to experiment with and analyze the creation and reception of fictional and virtual immersive devices. Creation was to be understood as the production of a new or novel situation. In a first sense, immersion was understood as a powerful sense of absorption of the physical and/or mental subject. The notion of "device" was to be understood as a set of both semiotic and material means designed to function strategically within a given situation. In the case of fictional devices, audiovisual devices, exhibition modalities and online works were the main focus of research.

In the case of virtual devices, interactive installations, interactive games, multi-player universes and alternate-reality devices (online and in real-life situations) such as those invented by the Blast Theory group were fundamental examples. Finally, both virtual and fictional situations were considered, based on what we might call "urban fictions", which develop both in real situations and via the Internet and geolocation tools.

RESEARCH PUBLICATIONS :

Guelton, B., (dir.) *Fictions secondes*, Éditions de la Sorbonne, 2019

Guelton, B., (dir.) *Les figures de l'immersion*, Presses Universitaires de Rennes, 2014

Guelton, B., (dir.) *Images et récits, la fiction à l'épreuve de l'intermédialité*, L'Harmattan, 2013

Guelton, B., (dir.) *Fictions et médias, intermédialités dans les fictions artistiques*, Pub. de la Sorbonne, 2011

Guelton, B., (dir.) *Les arts visuels, le web et la fiction*, Pub. de la Sorbonne, 2009

Espaços Outros, virtual and fictional territories

2012-2014

Funded by the College of Doctoral Schools, the Paris 1 Doctoral School, the University and Region of Uberlândia, Brazil.



This international artistic exchange project brought together six doctoral students from the "Fictions et Interactions" research team at UMR ACTE (Art/Création/Théorie Esthétique), Université Paris 1 Panthéon-Sorbonne, and six artist-researchers from the NEART study group (Research in Art and Technology) attached to the Institute of Arts at the Federal University of Uberlândia.

The aim of this project was to promote doctoral research in art on an international level, both practically and theoretically, by bringing together artists, researchers and doctoral students in the visual arts for conferences, roundtables and exhibitions, all of whom are interested in the interaction between the visual arts and new technologies, around common issues such as the viewer's immersion in interactive devices, sound interfaces, and the relationship between works of art and the place in which they are exhibited.

Three "phases" of exchange have been identified: the first took place in the city of Uberlândia in May 2012, the second in Paris in November 2012, and the third through a doctoral training program and an institutional partnership between the "Fictions et Interactions" research team and the Institute of Arts at the University of Uberlândia.

RESEARCH PUBLICATIONS :

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A. Recent colloquia, conferences and study days

1. *Situated Medias & Shared Mobilities* conference and exhibition, Konkuk University, Seoul, South Korea, May 2019
2. Conference New entanglements between instrumental shared and mental maps, *Situated Medias & Shared Mobilities*, Concordia University Montreal, Canada, March 22, 2018
3. Conference Presentation of the French-Canadian colloquiums *Médias situés & Mobilités partagées*, Université Paris 1, January 2018
4. *Fictions secondes* international symposium, May 24, 25, 26, 2016, Sorbonne, Amphithéâtre Turgot
5. "Symposium Situated cognition in the arts" ICSC 2015, *Space and Situated Cognition*, 6th International Conference on Spatial Cognition, 'Sapienza' University of Rome, September 7-11, 2015 with Anne Reboul
6. International symposium, exhibition and workshops: *Mobilities and narratives in urban space: construction, reception and participation*, Rio de Janeiro, UERJ, August 27 - September 15, 2015
7. International symposium: *Digital interfaces in mobility situations: cognitive, artistic and playful devices*, Sorbonne, December 19 & 20, 2014.
8. Colloque *Géofictions: "fictions, espaces et cartographie dynamique"*, Université Laval, Québec, May 9 and 10, 2013
9. Colloque international *Ficções e interações: as ficções artísticas e a questão do espaço*, Federal University of Uberlândia, Uberlândia, Brazil: May 3, 4, 2012
10. Conférences et table rondes *Interactions situées*, Paris 2012: S. Bianchini, M. Ohanian, M. Auvray, A. Reboul
11. Colloques internationaux franco-québécois : *Fictions, immersions et univers virtuels*, Paris and Montréal, 2011
12. Conférences 2011, Alain Berthoz, Laurent Jullier, Oliver Grau
13. Round table February 2010, *Simulation, immersion and fiction*, M. Tampon-Lajariette, M. Beauregard
14. 2009 Round Tables: *Supposition, invention, fiction*, J. Dokic, M.-L. Ryan, B. Sabatier, Y. Toma, B. Lallemand
15. International conference *Fiction & intermediality*, Nov. 2009
16. Round Tables 2007-08: *Artistic fictions and theories of fiction*, A. Reboul, L. Menoud, B. Guelton, S. Morsillo
17. International symposium: *Visual arts, the web and fiction*, Sorbonne, Nov. 2006.

B. Head of the "Fictions & interactions" research team, Sorbonne, Paris 1, UMR ACTE, CNRS 8218, 2007-2018

This line of research was set up following the organization of the international colloquium "Visual arts, the web and fiction", held at the Sorbonne in November 2006. The aim of this research is to examine the particularities of fiction from the point of view of artistic and visual practices. The notion of interaction is to be understood from a triple point of view: 1 - Interaction between the media of a single work: "intermediality", 2 - Interaction between author, work and user: "interactivity", 3 - Interaction between fiction and reality: "interpenetrations". *Contributions*: Reflections on fiction are usually centered on canonical fictions (literature, cinema), with an approach based on literary theory or the philosophy of language. Our main contribution is to confront these approaches with artistic fictions, which are rarely studied, by bringing together artists, philosophers and literary theorists. Significant developments in 2010 saw the launch of new collaborations and research projects on issues of immersion in fictional and virtual devices: collaborations with UQAM and Laval University in Quebec, Shanghai Institute of Visual Art (SIVA): research projects, colloquia, roundtables, workshops. The "Creation and Immersion in Fictional and Virtual Devices" research program was funded as part of the scientific policy of Université Paris 1. A second research program, entitled "Interfaces numériques en situation de mobilité" (Digital interfaces in mobile situations), financed by Paris 1, was developed with symposia in Rio de Janeiro, Rome and Chicago. It resulted in the English-language book: *Digital Interfaces & Mobility, Cognitive, Artistic & Game Devices*, Editor, Common Ground Publishing, 2016.

C. Design and organization of recent round tables

1. "Fictions secondes", May 24, 2016, Sorbonne, UFR 04, Centre St Charles
2. "Digital interfaces in mobility situations: cognitive, artistic and playful devices", Sorbonne, December 20, 2014.
3. March, April, May, September 2014: "Fictions secondes", Paris 1
4. February 24, March 23, April 13, 2012 M. Auvray, S. Bianchini, A. Reboul, "Situated interactions".
5. April 29, 2011, M. Adams, O. Caira, P. Devautour, S. Kapp, S. Daniel, C. Globensky, "Experimenting with playful and fictional devices in mixed realities."
6. April 16 and May 7, 2010, O. Caira, R. Bourassa "immersion, role-playing and participation in fictional settings".

7. March 26, 2010, M. Egana, B. Trentini "immersions in artistic fictions".
8. February 2010, M. Tampon-Lajayette, M. Beauregard, "Simulation, immersion and fiction".
9. 2009 : J. Dokic, M.-L. Ryan, B. Sabatier, Y. Toma, B. Lallemand " Supposition, invention, fiction ".
10. 2007-08: A. Reboul, L. Menoud, B. Guelton, S. Morsillo " Fictions artistiques et théories de la fiction ".
11. Conception and organization of an international colloquium entitled "Images dans le récit, récits dans l'image", Université de Paris 1, November 27 and 28, 2009.
12. Conception and organization of an international symposium entitled: "Visual arts, the web and fiction", Salle des conseils de l'Université de Paris 1 et amphithéâtre Turgot, Sorbonne, November 24 and 25, 2006.
13. "Points de vue dans l'exposition et univers des possibles", International Symposium, Société française des Architectes, University of Limoges, Paris VIII.: "Architecture, literature and spaces", February 16, 17, 18, 2006.

D. Management of the SEMEX Laboratory, AGLOO, CERAP, Paris 1 & DAP, 2002 - 2006: "Creation of collective invention situations".

On the basis of a research contract financed by the DAP, (Min. de la culture) set up between 2004 and 2006 a research laboratory associated with AGLOO. The aim of the laboratory was to experiment with and analyze collective situations of invention based on artistic postures within and outside the network. Two transversal postures specific to contemporary artistic practices were analyzed: "activation" and "emission/reception equivalence". The study also looked at a number of projects that could be developed both on and off the web (unmediated artistic interventions known as "furtive", exhibitions, websites) in the form of practices described as "hybrid". The study led to an analysis of "flash crowds" and certain conditions of art research. *Contributions*: 1) Analysis of the creation of collective situations of invention based on flash mobs, 2) Establishment and collaboration within a group of researchers from art schools, 3) Reflection on research in art.

E. Exhibition creation, design and curatorship :

42 exhibitions in France and abroad, in galleries, art centers and museums (+ some thirty student exhibitions) testify to a strong commitment to personal artistic creation, as well as to exhibition design and curating. Solo exhibitions are held primarily in art centers, but also in museums and galleries in France and abroad. Due to lack of space, we will only indicate the places and dates: Rouen, 2013, Geneva, 2011, Brussels, 2009 ; Brunoy, 2008 ; Seoul - Paris, 2004 ; Seoul, 2004 ; Paris, 2003 ; Yvetot, 2002 ; Lisbon, 2001 ; Étioilles; 1999 ; Rueil, 1998 ; Gennevilliers, 1996 ; Paris; 1995 ; Ivry-sur-seine, 1995 ; Ivry-sur-seine, 1993 ; Herblay, 1992 ; Herblay, 1992 ; Trith Saint Léger, 1992 ; Reims, 1991 ; Hanover, 1990 ; Paris, 1989 ; Lille, 1988 ; Paris, 1987 ; Düsseldorf, 1987 ; Pouilly, 1987 ; Reims, 1987 ; Paris, 1986 ; Paris, 1986.

F. Research supervision and coordination :

- Management and coordination of laboratories and research teams

- 1 - Head of the "Fictions & interactions" research team, Sorbonne, University. Paris 1, UMR CNRS ACTE 8218, 2007- 2016
- 2 - Direction of the SEMEX Laboratory, AGLOO, CERAP, Paris 1 & DAP, research contract with the French Ministry of Culture, 2002 - 2006: "Creating collective situations of invention".
- 3 - CERAP, Université Paris 1, Groupe de recherche et d'expérimentation sur l'exposition, 1998 - 2002
- 4 - CIEREC, University of Saint-Étienne, 1996 - 1998, "Le mixte", "Logiques de la fragmentation".
- 5 - Research contract, DAP, Min. de la Culture, "L'exposition comme scène de théâtre", 1994-1996
- 6 - Research grant, "Villa Médicis hors les murs" Min. des Affaires Étrangères, 1995-1996
- 7 - Research Workshop on Creation and Cognition, ERBA, Reims, 1989-1995
- 8 - Physiology laboratories, Université René Descartes, 1984 and Neurophysiology and experimental psychology laboratories, Université de Louvain, 1976-1979

I. Thesis management

THESES AND HDR DEFENDED: UPDATE 05/13/21	
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HABILITATIONS TO DIRECT RESEARCH :

- Marion LAVA-JEANTET (2018) HDR thesis defended 02/07/2018
Art and life sciences, an interdisciplinary approach to creating with the human and the non-human
- Sandrine MORSILLO (2014) HDR thesis, defended 01/07/2014
Exhibition paintings: exposure at work in the painting process
- Michel VERJUX (2012) HDR thesis defended 08/03/2012
Voir, montrer, dire: Réflexions sur la recherche et la création dans le champ de l'art contemporain et dans le champ universitaire
- Karen O'ROURKE (2011) HDR thesis defended on 14/10/2011
From art-networks to programmed drift: the current state of "art as experience"
- Olga KISSELEVA (2008) HDR thesis defended on 06/12/2008
Inter-essai, some thoughts on the forms of dialogue to be established between the work of contemporary art and its viewer

THESES :

- Charles MEYER (2022) Doctorate defended July 7, 2022
Figures and videogame practices of vocality: from incorporation to artistic detour
- Ricardo LEON (2021) Doctorate defended February 13, 2021
- Caroline SEBILLEAU (2020) Doctorate defended February 4, 2020
The exhibition, a practice of arranging between display and implementation
- Sébastien MONTERO (2019) Doctorate defended December 9, 2019
Dynamics of production conditions, an experience between form and work, negotiation and resolution of certain gaps in artistic practice
- Aurélie HERBET (2016) PhD, defended on 17/12/2016 with the congratulations of the jury
Fictions situées, Practicing and experimenting with space between fiction and media devices.
 - Isabel CUNHA DE ALMEIDA (2016) PhD, defended on 14/12/2016
The hero between remembering and forgetting: a journey between fiction and artistic autofiction
 - Edith MAGNAN (2014) Doctorate defended on 08/02/2014 with the congratulations of the jury
Foldable space: modular architecture to capture the moment
 - Chen Yu PAN (2014) Doctorate defended on 28/04/2014
Between earth and sky, the virtual horizon. Artistic experiences and virtual geographies in the interconnected age
 - Nikoleta KERINSKA (2014) Doctorate, defended on 18/11/2014 with the congratulations of the jury.
Art and artificial intelligence in the context of artistic experimentation
 - Édouard ROLLAND (2012) Doctorate defended on 27/03/2012
Staging accidents in the sculptural process: falling, chance, destruction, creation, catastrophe

