

Frank Dufour, PhD

The University of Texas at Dallas
Arts & Humanities | Arts & Technology Program
Portfolio for Tenure Review 2011-2012

Dallas, September 2011

Curriculum Vitae

Educational History

PhD, December 2004,
University of Paris VIII 2 rue de la Liberté 93526 Saint-Denis France, Sciences of
Information and Communication

Masters Degree, 1999,
University of Paris VIII 2 rue de la Liberté 93526 Saint-Denis France, Hypermedia

Specialists Degree, 1998,
University of Paris XIII 99 avenue Jean-Baptiste Clément 93430 Villetaneuse France,
Sciences of Education

Specialist's Degree, 1995,
University of Paris XIII 99 avenue Jean-Baptiste Clément 93430 Villetaneuse France,
Computer Sciences

Bachelor Degree, 1983,
College of Audiovisual Design ESRA 135 avenue Félix Faure 75015 Paris France,
Film Studies

Arts Degree, 1981,
University of Paris III rue Censier 75005 Paris France, Film Studies

Employment History – Principal positions since the Bachelor’s degree

Technical Supervisor for Sound Archives, 1983-1991,
Institut National de l’Audiovisuel avenue de l’Europe Bry sur Marne France.

Technical Director for legal deposit for radio broadcasts, 1991-1992,
Institut National de l’Audiovisuel, avenue de l’Europe Bry sur Marne France.

Founder and Director of audiovisual and digital-audio productions, 1992-1994,
Cité de Mémoire 30-32 rue de la Plaine Paris France.

Assistant Professor, 1998-2000,
University of Paris XIII 99 avenue Jean-Baptiste Clément 93430 Villetaneuse France.

Founder and Director of multimedia production, 2000-2003,
Kasadesign rue Imam Mouslim Casablanca, Morocco.

Program Coordinator, 2001-2003,
College of Design Art’Com 18 rue Bachir Al Ibrahimi Quartier Bel-Air Casablanca
Morocco

Assistant Professor, 2004-2005,
Université du Sud Toulon Var La Garde Toulon France.

Assistant Professor, 2006-present,
The University of Texas at Dallas 800 W Campbell Road Richardson Texas USA.

Employment History – Concurrent temporary positions

Lecturer, 1985-1990,

University of Paris V René Descartes 143 avenue de Versailles Paris France

Course title: History of Audiovisual Techniques and Multimedia Practices

Artistic Director for Audio Productions, 1992-1994,

Library of the CNAC Georges Pompidou, Paris France

Instructor, 1998-2000,

University of Paris XIII 99 avenue Jean-Baptiste Clément 93430 Villetaneuse France.

Course title: Interactive Audiovisual

Lecturer, 1998-2000,

University of Paris VIII 2 rue de la Liberté 93526 Saint-Denis France

Course title: Interactive Narratives

Lecturer, 1998-2000,

University of Paris XIII 99 avenue Jean-Baptiste Clément 93430 Villetaneuse France.

Course title: Multimedia Games. Methods for Analysis and Creation

Translator and local advisor, 2001-2003,

Brown Vence and Associates, 20 Montgomery Suite 1000 San Francisco CA 94104-4342

Instructor and project manager, 2001-2003,

The King Abdulaziz Foundation, Casablanca, Morocco

Research Engineer, 2005,

Centre National de la Recherche Scientifique 3 rue Michel-Ange Paris France

Professional recognitions and honors:

New Talent Award for Multimedia Interactive Narrative,
February 1996,
Marché International de l'Édition et des Nouveaux Médias, **MILIA, Cannes France.**

Professional memberships:

1990-1992

Member of the Audio Engineering Society

2005-present

Member of the American Society for Acoustic Ecology,

2003-Present

Member of the **Laboratory Musique et Informatique de Marseille**, Marseille, France.
Research regarding Time Icons and the representation and understanding of Time through the perception of Music. I am specially in charge of the development and applications of the concept of Time Icons to the fields of sound design and multimedia productions.

2011-Present

Member of the **Ear to the Earth Network of Musicians**,
Artists (and their Friends) for the Environment
<http://www.eartotheearth.org/artists.html>

Achievements in original investigation:

Articles in refereed journals, juried exhibitions entries, theatrical productions etc.:

2008:

Dufour Frank, *Sands, Audiovisual Composition*
Concert at the Cité de la Musique, Marseille France (March 2008)

Dufour Frank, *Grains, Audiovisual Composition*
Concert at the Cité de la Musique, Marseille France (May 2008)

2009:

Dufour Frank, *Moving Through, Images and Sounds*
Concert at the Cité de la Musique, Marseille France (February 2009)

Dufour Frank, *Highest Fidelity*
Sound Installation,
CentralTrak, Dallas, Texas USA (January-February 2009)

Zielke Marjorie, Evans Monica, Dufour Frank, Christopher Timothy, Donahue Jumanne, Johnson Phillip, Jennings Erin, Friedman Brent, Ounekeo Phonesury, and Flores Ricardo,
“Serious Games for Immersive Cultural Training: Creating a Living World”,
IEEE Computer Graphics and Applications, (March 2009) 49-60

Frank Dufour, *Les Temps d'Art*, collective retrospective of the laboratory Musique et Informatique de Marseille,
Vasarély Foundation, Aix, France (August 2009)

2010:

Zielke Marjorie, Dufour Frank, Friedman Brent, Hurd Dan, Jennings Erin, and Kaiser Michael,
“Using Conscript™ to Train Cross-Cultural Decision-Making in a Serious Game”,
Advances in Cross-Cultural Decision Making, ed by Dylan Schmorrow,
Denise Nicholson, Boca Raton, FL: CRC Press, (2010)

Dufour Frank, Riccio Thomas, *The Invention of Memory*.
Interactive audiovisual installation, *The Non Profit Margin*,
CentralTrak, Dallas, Texas USA (May-July 2010)

Dufour Frank, *Coastlines*
Sound installation for the exhibition *Coastlines: Images of Land and Sea*,
Dallas Museum of Art (April-August 2010)

Dufour Frank, Hardee Gary, LeFlore Judy, Zielke Marjorie
“Game Based Virtual Patients- Educational Opportunities and Design Challenges”,
(Paper presented at the Interservice/Industry Training, Simulation, and Education
Conference, Orlando, Florida (**IITSEC**) Nov 29- Dec 2 2010)

2011:

Dufour Frank, Hardee Gary, Zielke Marjorie,
“Creating Micro-expressions and Nuanced Nonverbal Communication in Synthetic
Cultural Characters and Environments”, (Paper to be presented at the
Interservice/Industry Training, Simulation, and Education Conference, Orlando, Florida
(**IITSEC**) Nov 28- Dec 1 2011)

Dufour Frank, Lee Dufour, *Soft Thresholds*
Concert, Cité de la Musique, Marseille, France (February 2011)

Dufour Frank, Lee Dufour, *Acoustic Shadows*
Interactive Audiovisual Installation,
Fondation Vasarely, Aix en Provence, France (April-May 2011)

Dufour Frank, “Acoustic Shadows an Auditory exploration of the Sense of Space”,
Sound Effects, an Interdisciplinary Journal of Sound and Sound experience. Volume 1.
Aarhus University Press. Denmark. (August 2011)

Dufour Frank, Lee Dufour, *Acoustic Shadows*
Interactive Audiovisual Installation,
Center for the Creative Connections, **Dallas Museum of Art** (November 2011-April
2012)

2012:

Dufour Frank, Nancy Rebal, David Searcy, *Wave-mechanical Aspects of Forgiveness*
Interactive Audiovisual Installation,
Sonic Architectonic, Visual Arts Gallery, The University of Texas at Dallas, Dallas Texas
(February 2012)

Dufour Frank, Riccio Thomas, *Not So Indifferent*, Interactive Audiovisual Installation,
CentralTrak, Dallas, Texas (September 2012)

Other Writings: articles in unrefereed publications, presentations at professional meetings:

2008:

Dufour Frank, "Propositions for a time based method for description, analysis, and design of Computer Art",
paper presented at *Computer Art Congress 2008*,
University of Monterey Tec, Mexico City Campus, Mexico (March 26-28 2008)

Dufour Frank, "Musique Concrète" as one of the preliminary steps to Acoustic Ecology,
SoundScape, Journal of the World Association for Acoustic Ecology, Volume 8 Number
1 Fall-Winter (2008)

2009:

Dufour Frank, "Images de la Musique",
paper presented at the **Maison des jeunes et de la Culture**,
Université de Savoie, Annecy, France (March 2009)

Dufour Frank, "La Musique dans l'Environnement Technologique"
paper presented at the international colloquium *Les Arts dans le Cadre Actuel de la
Théorie de l'Évolution*,
Université de Provence, Marseille, France (October 2009)

2010:

Dufour Frank , "Approche écologique de la perception des dimensions temporelles de la
musique et des arts",
paper presented at the International Colloquium: *Les Universaux en Musique*,
Université de Provence, Aix, France (December 2010)

2011:

Dufour Frank, "Designing Sound for non-narrative films",
paper presented at the Music and the *Moving Image Conference*,
New York University, New York (May 2011)

2012:

Member of the steering committee and moderator at the *3rd Computer Art Congress*,
Paris, France (November 2012)

Miscellaneous publications 1996- 2007:

Sale Temps, CD-ROM, interactive fiction, MILIA 1996 Special Award.
Publisher: Microfolie's,
Paris (1996)

Euroquid, CD-ROM, Interactive educational product for the personnel of the National Savings Bank.
Paris (1998)

“Le Silence et l'Absence, analysis of Chris Marker's film, *La Jetée*”
Vidéotheque of Paris (January 2000)

Le Couloir, interactive musical drama for adults, CD-ROM, interactive fiction, adaptation of *Pelléas et Mélisande* by Maeterlinck. Paris (2000)

Dufour Frank, Mohammed Sijelmassi, *Morocco in the 20th Century*, CD-ROM, historical encyclopedia, Publisher: OUM, Casablanca, Morocco (2001)

Dufour Frank, *Flash 5*, CD-ROM, multimedia tutorial,
Virtual Training Company France, Casablanca (2001)

Dufour Frank, *Archivex*, CD-ROM presentation of the company Archivex, Casablanca, Morocco (2002)

Dufour Frank, *Es Saada*, CD-ROM, database of a newspaper's archives, Ministry of Culture, Rabat, Morocco (2002)

Dufour Frank, *Electronic Catalogue of Moroccan Authors from the 20th Century*, CD-ROM, French and Arab language versions, Ministry of Culture, Rabat, Morocco (2002)

Dufour Frank, *Images of Time*, multimedia performance,
French Institute of Culture, Casablanca, Morocco (2002)

Dufour Frank, *Action sur le Temps, Time Code*, analysis of the processing of simultaneous and continuing times in the film *Time Code*, by Mike Figgis,
Graduate Seminar, University of Paris VIII, Paris (2003)

Dufour Frank, *La Tarîqa al qâdiriyya al Boudchîchiyya*, CD-ROM on Soufism in Morocco. French and Arab language versions. Casablanca, Morocco (2003)

Dufour Frank, *Elements for the analysis of Digital Art*, presentation at the *Texelectronica* Festival, Museum of Modern Art, Fort Worth, Texas, Novembre 26th (2006)

Dufour Frank, *Flo-S*, electroacoustic Music piece in the compilation *Trace # 26 Documents/Collages/Cut-Ups/Sampling* Trace Label, Paris France (2007)

External funding for original investigations:

Proposals submitted:

2010

The Time-Icons
P.I: Dufour Frank
National Endowment for the Humanities
April 2010 to April 2011, \$ 50,000
Rejected

2011

Open Platform for Understanding Strategic Social Interactions (OPUS)
P.I.: Zielke Marjorie, Co-P.Is.: Dufour Frank, Taylor W. Robert, Golden Richard, Gupta Gopal, Brackin Adam, Jacob Bruce, Alpert Geoffrey.
Defense Advanced Research Projects Agency
July 1 2011 to December 31 2014, \$17,067,158
Rejected

Grants/contracts awarded:

2009

First Person Cultural Trainer (FPCT)
P.I.: Zielke Marjorie, Co-P.Is.: Dufour Frank, Linehan Thomas, Gupta Gopal
US Army Training and Doctrine Command (TRADOC)
September 30 2008 to October 1 2009, \$650,000

2009

The Virtual Patient
Co P.Is.: Zielke Marjorie, LeFlore July, Consultants.: Dufour Frank, Evans Monica, Fechter Todd
The University of Texas System
September 30 2009 to October 1 2012, \$350,000

2010

First Person Cultural Trainer (FPCT)
P.I.: Zielke Marjorie, Co-P.Is.: Dufour Frank, Linehan Thomas, Gupta Gopal
US Army Training and Doctrine Command (TRADOC)
September 30 2009 to October 1 2010, \$650,000

2011

First Person Cultural Trainer (FPCT)
P.I.: Zielke Marjorie, Co-P.Is.: Dufour Frank, Linehan Thomas, Gupta Gopal
US Army Training and Doctrine Command (TRADOC)
September 30 2010 to October 1 2011, \$650,000

The Interactive Multimedia Playroom (IMP) and Network of Exploratory Spaces for
Temporal Arts Research (NESTAR)
P.I.: Dr. Mountain Rosemary
Social Sciences and Humanities Research Council of Canada
September 30 2011 to September 30 2012, \$ 30,000

Teaching:

Doctoral advisement/direction:

Supervisor:

Franklin, Janice, Fall 2008

Ph.D in Arts and Humanities, Aesthetic Studies

Dimensions of Sound in Virtual Online Immersive Environments: A Theoretical Exploration

Austin, Michael, Summer 2011

Ph.D in Arts and Humanities, Aesthetic Studies

The Phenomenological Impact of Interface on the Analysis of Digital Music and Sonic Art

Member of supervising committee:

Alamoudi, Ayman A, Spring 2010

Ph.D in Arts and Humanities, Aesthetic Studies

Supervisor: Riccio, Thomas

The Bio-Digital: Being a Cybernetic Organism. Cybernetic Embodiment in Contemporary Abstraction

Curry, Janine, Spring 2012

Ph.D in Arts and Humanities, Aesthetic Studies

The Digital Art Object: an Investigation of the Aesthetics and Social Impact of Art and Photography on the Internet.