

# EDGAR BARROSO

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## EDUCATION

### HARVARD UNIVERSITY

Cambridge, Massachusetts

**Ph.D. Candidate** in Music Composition

Sep 2007 - Present

- **Research Interests:** Interdisciplinary collaborative approach to music composition and social betterment through arts and innovation, with special interests in technology applied to electroacoustics, spacialization, live electronics and signal processing as well as a scientific approach to human emotion and expressivity.
- **Resident Tutor and Sophomore Adviser** at Adams House 2010 - Present.
- **Resident Adviser** for Graduat Students at Conant Hall 2008- 2010.
- **Teaching Fellow** of graduate and undergraduate courses, 2009 - 2012
- **Director of the Harvard Group for New Music:** Coordinator of four annual international concerts and weekly colloquium dedicated to the diffusion of new concert music.
- **Thesis:** Portfolio of Compositions. This thesis, under the direction of Prof. Hans Tutschku is conformed a set of eight recent compositions that range from Orchestra, Chamber Music, Electroacoustic, Interactive Music, Film Music and Live Electronics.

### POMPEU FABRA UNIVERSITY

Barcelona, Spain

• **Master** in Digital Art (First Class Honor)

Sep 2004 – Dic 2005

• **Postgraduate Diploma** in Composition and Contemporary Technology  
(First Class Honors)

Jan 2006 – Dic 2007

### GUANAJUATO UNIVERSITY

**Bachelor** in Music Composition (Cum Laude)

Sep 1997 – Dic 2004

## AWARDS AND HONORS (Selection)

- **Winner of the Blodgett Composition Competition, Harvard University 2012.**
- **Frederick Sheldon Travel Fellowship, Harvard University 2012.**
- **Merit Fellowship/Graduate Society Term Time Research Award, Harvard University 2011.**
- **Official Selection at Los Angeles Film Festival, creator of the soundtrack for the movie “The Compass is Carried by the Dead Man” 2012.**
- **Official Selection at the Tokyo International Film Festival, creator of the soundtrack for the movie “The Compass is Carried by the Dead Man” 2012.**
- **Certificate of Distinction for Excellence in Teaching, Harvard University, 2009.**

- **“Echoic” published by “European American Music” 2010** as part of The SCI Journal of Music Scores.
- **National Young Creator Award** given by the National Fund for Art and Culture – Mexico 2010.
- **The Film Study Center at Harvard Fellowship, 2008 -2011**
- **CONACYT Research Grant (Mexico) 2007 - 2009**
- **The Bohemians” (New York Musicians Club) Prize for the pieces “Catalyst” and “Lunfarda”.**
- **GSAS Graduate Student Council Conference Grant, Harvard University – 2008**
- **Francis Boott Prize** in Choral Music for the piece “Miserere” – 2009
- **City of Boston Certificate of Recognition** given by Thomas Menino, Mayor of Boston - 2008
- **First Prize** at the 5th International Black&White Audiovisual Festival. (Portugal) – 2008
- **“LOGOS” Commissioned by the Center for Music and Sonic Arts.** (Mexico) – 2008
- **First prize at the International P.I.Jurgenson Competition of Young Composers, (Moscow, 08’)**
- **“IOD” Commissioned by the Phonos Foundation** (Spain) – 07’
- **1st Prize at the International Live Electronics Music Competition, Harvard University – 2006**
- **3rd Prize at the Ensemblia International Composition Competition** (Germany) – 06’
- **Artistic Career Grant** by the State Institute of Culture of Guanajuato (Mexico) – 06’
- **“ODD” Commissioned by the DAAD German Academic Exchange Service – (Germany) 06’**

## **TEACHING EXPERIENCE**

**Teaching Fellow at HARVARD UNIVERSITY** - Department of Music

### **Music 167r Electronics Music Composition**

- Focus in Composition and performance involving analog and digital electronic medium. Projects realized using recording gear and computers; study of relevant aspects of acoustic and electronic theory; compositions since 1948 of musique concrete, acousmatic and live-electronic music; synthesis, sampling, digital recording, and live performance techniques.

### **Music 51b. Theory 1**

- Focuses on four-part writing and more advanced harmony/counterpoint, using a wide range of musical styles. It also concentrates in musicianship, harmony and counterpoint. Course proceeds via frequent practical exercises (model composition, ear training, analytical exercises and keyboard harmony assignments).

### **Music 160r : Composition: Proseminar**

- Open to students prepared for individual work in composition. Focus on the string quartet, including contemporary repertoire survey, short exercises, and a final project of modest dimensions. Incorporates readings and final performance of students' work.

### **Music 161r : Advanced Composition**

- Advanced course in musical composition. Consists of a mixture of one-on-one and group meetings.

### **Music 264 : Advanced Composition (Spring 2012)**

- Music and Space. Intensive, work in computer music concentrating on electronic music technology.

### **POMPEU FABRA UNIVERSITY (BARCELONA)**

#### Composition and Contemporary Technologies Final Projects 2006- 2007

- Advising graduate students who are producing their final projects to obtain the diploma in “Composition and Contemporary Technologies.” Responsibilities: aesthetic, technical and academic counseling.

### **MONTERREY INSITUTE OF TECHNOLOGY AND HIGHER EDUCATION (MEXICO)**

#### Interdisciplinary Collaboration and Innovation Seminars and Workshops.

- Focuses in enhancing the spirit of Interdisciplinary Collaboration in students to provoke Innovation and the urge of the betterment of strategies to team-building. Cooperation is used as the best platform to social integration.

### **PUBLICATIONS & CONFERENCE PRESENTATIONS**

1. Edgar Barroso, “Online Compositional Tools, Synectic Strategies and Free Trade of Knowledge; a Wish List for the Future of Electroacoustic Music” – Published by: Electroacoustic Music Studies Network 2009
2. Edgar Barroso, ”Music Composition through Spectral Modeling Synthesis and Pure data” - Published by: Linux Audio Conference Berlin Proceedings 2007 .
3. Edgar Barroso, Conference “Polyphony of Systems. Synectics and Composition Strategies”. Visiones Sonoras International Festival 2008. (Mexico)
4. Edgar Barroso, Conference “Introduction to Pure Data” – Visiones Sonoras International Festival 2007 (Mexico)
5. Edgar Barroso, Axel Robels “Models and Algorithms for the formation of sounds” in conjunction with (IRCAM) at the Inventionen Festival 2006. (Germany)

### PRESENTATIONS (Selection)

- **Conference “Building Cooperation Networks”** *Institute for Technology and Higher Education Mexico – 2012*
- **Conference “On Interdisciplinary Collaboration”** *Institute for Technology and Higher Education Mexico – 2011*
- **Conference “A Collaborative Approach to Music Composition”** *Mexican Center for Music and Sonic Arts - 2009.*
- **Workshop “Practicing interdisciplinarity”** *at University of Guanajuato, Mexico – 2011*
- **Conference “The Future of Music”** *at the Cultural Center Borges, Buenos Aires – Argentina 2009*

### WORK AND ADMINISTRATIVE EXPERIENCES

- **Resident Tutor** *at Harvard University (College) Adams House. 2010 – 2012*
- **Director of the Harvard Group for New Music**, *Harvard University, 2010 - 2012*
- **Founder of the Open Source Creation Group**, *Harvard / 2008 - Present*
- **Resident Adviser** *for the GSAS Residence Halls. 2009 – 2010*
- **Music Score of the feature film** “The compass is carried by the death man” *by Arturo Pons, 2010.*
- **Organizer** *of the Conference “Objects of Knowledge, Objects of Exchange” Harvard University - 2009*
- **Concert Curator** *at the International Festival for Contemporary Art, Mexico 2007 - 2008*
- **Resident Composer** *at the Center for Music and Sonic Arts. (Mexico) 2007- 2008*
- **Founder of “Zero Viajes”** *Multimedia Production Company 1999 – 2009*
- **Musical Analysis Researcher** *at the SIMAC project at the Music Technology Group (MTG) 2005 – 2006*
- **Resident Composer** *at the PHONOS Foundation. (Spain) 2005 – 2007*
  
- **Co-Principal cellist** *at the Youth Chamber Orchestra of Leon conducted by Mario Rodríguez Taboada. (Mexico) 1999 / 2004*

### MEDIA COVERAGE (Selection)

- **Interview for the documentary “Casino Royale”** *about the social movement 60 Minutes for Mexico.*
- **Magazine “012”**, *interview about innovation and cooperation.*
- **Tokyo International Film Festival**, *interview for the soundtrack of the movie “The Compass is carried by the Dead Man”. (Tokyo 2011)*

- “Metric Expansion of Space” at the **Limen Music Web TV** – Italy - 2011.
- “**AM**” **Newspaper**, article about his “Plasmatica” for string orchestra – 2011.
- Interview with Edgar Barroso at the “**Correo Newspaper**”, interviewer Lidia García (Mexico - 2009)
- **BBC – Mundo** interview at the Linux Audio Conference, Berlin 2006.

#### SOCIAL COMMITMENT

- **Creator of the social movement “60 Minutes for Mexico”** designed to increase cooperation among citizens to fight against poverty and inequality in Mexico.
- **Creator of the social movement “Every Final Project, a Social Cause”** which focuses in increasing the participation of Universities in the betterment of society.

#### EXTRACURRICULAR ACTIVITIES

- **Vice-president** of the Harvard University Mexican Association (HUMA) - 2009 – 2010
- **Tutor for the Harvard Composer Association**, official undergraduate student association, 2010-2012
- **Founder of Una Elegía** dedicated to the promotion of Pre-hispanic instruments (Mexico) 1999 - 2005
- **Member of the Ensemble Crumble** dedicated to acoustic and live electronics in realtime improvisation. (Spain) 2005 – 2006
- **Tennis Instructor** at “Gongora Tennis Academy” in León, Mexico. 1997 – 2002

#### LANGUAGES

- **Spanish** (Proficiency in Reading and Speaking)
- **English** (Proficiency in Reading and Speaking)
- **German** (Intermediate – German B1)
- **Catalan** (Reading skills)

#### INTERESTS

- Synectics, Inter-discipline Collaboration, Psychology, Science, Tennis, Films, Taoism, Interactivity and (of course) Sound.

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