

Chikashi Miyama

131 Allen st. Apt. 17
Buffalo, New York, 14201, USA
+1 716 868 2819
chikashimiyama@mac.com
Date of birth: 4.December.1979
Nationality:Japan

Education:

Nachdiplom, Komposition im Elektronischen Studio, Musik-Akademie der Stadt Basel, 2007
Concentrations: Creation of electronic music, multimedia works, and chamber music

M.A., Musicology (Sonology course), Kunitachi College of Music, 2004
Concentrations: Creation of interactive multimedia works, Software development for interactive performances
Thesis: *Babel* Theater piece for two performers and interactive multimedia system

B.A., in Sonology, Kunitach College of Music, 2002

Teaching experience:

Teaching Assistant, 2008 - 2009
University at Buffalo
Courses: MUS 401 Introduction to electronic music I, MUS 402 introduction to electronic music II.

Teaching Assistant, 2005 - 2007
Musik-Akademie der Stadt Basel
Courses: Introduction of Object Oriented Language and SC3 ,C language for developing Max/MSP externals

Teaching Assistant, 2002
Tokyo University of Technology
Course: DSP programming with Java

Grants, Fellowships, and scholarships:

- Presidential fellowship (University at Buffalo, 2007)
- Art & Science special fellowship (University at Buffalo, 2007)
- Research Scholarship (Kunitachi College of Music, 2004)
- Docomo Scholarship (Kunitachi College of Music, 2002)
- Scholarship for Studying Abroad (Kunitachi College of Music, 2001)
- Scholarship for Studying Abroad (Kunitachi College of Music, 2000)

Awards:

- Arima Prize (Kunitachi College of Music, 2002)
- Mention in Residence Prize, (the 30th Bourges Competition, 2003)
- Finalist (SCRIME Electroacoustic competition, 2007)

Skills and Qualifications:

- Programming competence in C, C++, Objective-C, Java, Javascript, Ruby, HTML, SQL, SuperCollider and Max/MSP
- Basic knowledge in electronic circuits and microcontrollers (ATMEL AVR)
- Extensive knowledge in OpenGL graphic library and Max/MSP external objects development
- Fluent in English

Works selected for festival performances:

Piano Chimera for video

- selected by Pixilerations [v.5], Rhode Island, USA, 2008
- selected by International Computer Music Conference, Belfast, Ireland, 2008
- selected by Re:New, Copenhagen, Denmark, 2008
- selected by Spark festival, Minneapolis, USA, 2008

Keo improvisation for sensor instrument Qgo

- selected by NWEAMO 2008, San Diego and New York, USA, 2008
- selected by NIME 2008, Geneva, Italy, 2008
- selected by Spark festival, Minneapolis, USA, 2008
- selected by the International Computer Music Conference, Copenhagen, Denmark, 2007

Friction for fixed media (5 channels ver.)

- selected by International Computer Music Conference, Copenhagen, Denmark, 2007

Friction for fixed media (2 channels ver.)

- selected by SCRIME electro-acoustic music competition

Density for harp and computer

- selected by International Computer Music Conference, Barcelona, Spain, 2005

Butterfly for soprano and a interactive multimedia system

- selected by International Computer Music Conference, Miami, USA, 2004

Gleam for alto-saxophone and a interactive multimedia system

- selected by June in Buffalo, Buffalo, New York, USA, 2001

Works selected for CD/DVD:

Density for harp and computer

- included in the International Computer Music Conference 2005 official CD, 2005

Butterfly for soprano and interactive multimedia system

- included in the MIT Computer Music Journal vol.28 DVD, 2004

Kinetica for a performer and interactive multimedia system

- included in the MIT Computer Music Journal vol.28 DVD, 2004

Papers selected by academic conferences:

Introduction of DIPS3v2 for Max/MSP

- selected by International Computer Music Conference, Copenhagen, September 2007

Introduction of DIPS Programming Technique

- selected by International Computer Music Conference, Singapore, September 2003

DIPS for Linux and Mac OSX

selected by International Computer Music Conference, Göteborg, Sweden, September 2002

CONCERTS, EXHIBITIONS:

NWEAMO Festival

at Galapagos Art Space, New York, USA, November 1, 2008

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

Pixilerations [v.5]

at Cable car cinema & cafe, Rhode island, USA, October 8, 2008

Piano Chimera for video

NWEAMO Festival

at San Diego State University, San Diego, USA, October 3, 2008

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

International Computer Music Conference

at SARC, Queen's university, Belfast, UK, August 28, 2008

Piano Chimera for video

NIME 08

at Nicolo Paganini Music Conservatory, Genova, Italy, June 7, 2008

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

dBale- interfaces, Instruments, and Installations - (Portfolio concert)

at Imprimerie, Basel Switzerland, May 31, 2008

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

Tuba ohne Tube improvisation for tuba and sensor instrument Ergonomix

performed by C.Miyama(Ergonomix) K.Nukazuka(tuba)

Angry Soarrow improvisation for sensor instrument Seven eyes

performed by C.Miyama(Seven eyes)

Piano Chimera for video

Into the white for dance improvisation and interactive multimedia system

performed by Jullia Stuessi(dance)

Re:New 2008

at Tscho Brahe Planetarium, Copenhagen, Denmark, May 22, 2008

Piano Chimera for video

Electroacoustic Music 12 nights

at Harold Golen Gallery, Miami, USA, March 15, 2008

Papyrus for a sheet of paper and computer performed by Jurai Kojs(percussion)

Black box concert

at University at Buffalo, New York, USA, April 2, 2008

Angry sparrow for sensor instrument Seven eyes performed by C.Miyama(Seven eyes)

Don Qvixote Ready made

at Theater la forum, Luzern, Switzerland, March 9, 2008

Don Quijote Chapter I for two performers performed by J.Hagen(voice) J.Navarro(keyboard)

Don Qvixote Ready made

at Walcheturm, Zürich, Switzerland, March 7 and 8, 2008

Don Quijote Chapter I for two performers performed by J.Hagen(voice) J.Navarro(keyboard)

Lica-Mantis

at Lancaster University, Lancaster, United Kingdom, Feb 29,2008

Mutation for guitar and interactive multimedia system

Spark Festival

at Minesota University, Minesota, USA, February 26 and 29, 2008

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

Piano Chimera for video

Don Qvixote Ready made

at Gare du Nord, Basel, Switzerland, January 17,19, and 20, 2008

Don Quijote Chapter I for two performers performed by J.Hagen(voice) J.Navarro(keyboard)

Music and Such...

at University at Buffalo, New York, USA, November 16, 2007

Friction for fixed media (Sch ver.) performed by C.Miyama(diffusion)

Shift festival Basel

at Dreispitz, Basel, Switzerland, October 25,2007

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

International Computer Music Conference

at Huset and School of architecture, Copenhagen, Denmark, August 28 and 29, 2007

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

Friction for fixed media (Sch ver.) performed by C.Miyama(diffusion)

Schlusskonzert

at Musik-Akademie der Stadt Basel, Basel, Switzerland, June 30, 2007

Machina for seven instruments. Performed by Ensemble Phoenix,

C.Bosch(flute),

T.Sakakibara(clarinet),

M.Buttler(trumbone),

P.Judt(viola),

A.Gabrys(double bass),

M.Grandinetti(guitar),

M.Arbenz(piano), and J.Henneberger(conductor)

Nachtklang

at Musik-Akademie der Stadt Basel, Basel, Switzerland, June 29, 2007

Tuba ohne Tube Improvisation for Tuba and sensor instrument Zebra performed by

K.Nukazuka(tuba) and C.Miyama(Zebra)

Prix Scrimé 2007 finalist concert

at Agola-Haut Carre, University of Bordeaux I, Bordeaux, France, May 22, 2007

Friction for fixed media performed by C.Miyama(diffusion)

Dorkbot meeting

at Welcheturm, Zürich, Switzerland, May 11, 2007

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

Nachtstrom XXXII

at Gare du Nord, Basel, Switzerland, May 3, 2007

Fata Morgana for piano and computer performed by A.Matsumura(piano)

Jahresfeier 2007

at Leonhardkirche, Basel, Switzerland, March 24, 2007

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

AKUT

at Musik-Akademie der Stadt Basel, Basel, Switzerland, March 23, 2007

Friction for fixed media performed by C.Miyama(diffusion)

Dorkbot meeting

at Plug-in, Basel, Switzerland, March 22, 2007

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

Nachtstrom XXX

at Gare du Nord, Basel, Switzerland, March 15, 2007

Friction for fixed media performed by C.Miyama(diffusion)

Der schall

at Gare du Nord, Basel, Switzerland, February 11, 2007

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

Pascal Pons Percussion Recital

at National Conservatory Versailles, Versailles, France, January 31, 2007

Papyrus for a sheet of paper and computer performed by P.Pons(percussion)

Museamnacht –Kandinsky plus-

at Kunstmuseum Basel, Basel, Switzerland, January 19, 2007

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

KlangWerk

at E-Werk, Freibrug, Germany, December 21, 2006

Papyrus for a sheet of paper and computer performed by P.Pons(percussion)

Nachtstrom XXVIII

at Gare du Nord, Basel, Switzerland, November 30, 2006

Piano Chimera for fixed media performed by C.Miyama(diffusion)

Konzerte Elektronisches Studio Basel

at Welcheturm, Zürich, Switzerland, November 29, 2006

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

International Computer Music Conference

at Tulane University, New Orleans, USA, November 11, 2006

Papyrus for a sheet of paper and computer performed by P.Pons(percussion)

Yoshiko Shibuya Piano Recital

at Tsuda hall, Tokyo, Japan, October 28, 2006

Fata Morgana for piano and computer performed by Y.Shibuya(piano)

Lecture Concert Chingo

at Kunitachi College of Music, Japan, September 15, 2006

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

Bi Noish improvisation for sensor instrument Qgo and Tosso performed by C.Miyama(Qgo) and S.Inao (Tosso)

Guein Mig improvisation for sensor instrument Qgo and Tosso performed by C.Miyama(Qgo) and S.Inao (Tosso)

Davos Festival – nostalgie & electronics

at Davos Congress Center, Davos, Switzerland, August 5, 2006

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

Butterfly for soprano and interactive multimedia system performed by T.van der Poel(soprano)

Alexander Eugster Guitar Recital

at Musikschule Bern, Bern, Switzerland, June 27, 2006

Mutation for guitar and computer Performed by A.Eugster

Toy Stories

at Musik-Akademie der Stadt Basel, Basel, Switzerland, June 12, 2006

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

Bi Noish improvisation for sensor instrument Qgo and Tosso performed by C.Miyama(Qgo) S.Inao (Tosso)

Guein Mig improvisation for sensor instrument Qgo and Tosso performed by C.Miyama(Qgo) S.Inao (Tosso)

Konzert der neuen Musik

at Neueskunsthhaus Ahrenshoop, Ahrenshoop, Germany, May 27, 2006

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)

Bi Noish improvisation for sensor instrument Qgo and Tosso performed by C.Miyama(Qgo) S.Inao (Tosso)

Guein Mig improvisation for sensor instrument Qgo and Tosso performed by C.Miyama(Qgo) S.Inao (Tosso)

Nachtstrom XXVII

at Gare du Nord, Basel, Switzerland, May 2006

Piano Chimera for fixed media performed by C.Miyama(diffusion)

Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)
Guein Mig improvisation for sensor instrument Qgo and Tosso performed by C.Miyama(Qgo)
S.Inao (Tosso)

Ichiiigai Konzert

at Baddischer Kunstverein, Karlsruhe, Germany, April 2006
Keo improvisation for sensor instrument Qgo performed by C.Miyama(Qgo)
Bi Noish improvisation for sensor instrument Qgo and Tosso performed by C.Miyama(Qgo)
S.Inao (Tosso)
Guein Mig improvisation for sensor instrument Qgo and Tosso performed by C.Miyama(Qgo)
S.Inao (Tosso)

AKUT

at Musik-Akademie der Stadt Basel, Basel, Switzerland, April, 2006
Piano Chimera for fixed media performed by C.Miyama(diffusion)

Festival Electric Exchange NL-CH

at Gare du Nord, Basel, Switzerland, November, 2005
Motions for harpsichord and a interactive multimedia system performed
by A.Faulborn(harpsichord)
Shadowy for multimedia installation

Espace Sonore

at Gare du Nord, Basel, Switzerland, October, 2005
Shadowy for multimedia installation

International Computer Music Conference

at ESMuC, Barcelona, Spain, September, 2005
Density for harp and computer performed by M.Barrera(harp)

International Clarinet Festival Tama Tokyo

at Parthenon Tama, Tokyo, Japan, July, 2005
Unity for bass-clarinet and a interactive multimedia system performed by H.Sparnaay (bass-
clarinet)

Electronic Music Festival Realtime / Non-realtime

at Gare du Nord, Basel, Switzerland, June, 2005
Mutation for guitar and a interactive multimedia system performed by J.Navarro (guitar)

Next Generation

at ZKM, Karlsruhe, Germany, June, 2005
Papyrus for a sheet of paper and computer performed by J.Fischer (percussion)
Dynamis for bass-clarinet and a interactive multimedia system performed by M.Diego (bass-
clarinet)

Nachtstrom

at Gare du Nord, Basel, Switzerland, May, 2005
Papyrus for a sheet of paper and computer performed by J.Fischer (percussion)

Nachtstrom -Highlights-

at Musik-Akademie der Stadt Basel, Basel, Switzerland, December, 2004

Mutation for guitar and a interactive multimedia system performed by J.Navarro (guitar)

Sonic Art 2004

at Operacity, Tokyo, Japan, July, 2004

Density for harp and computer performed by A.Sai (harp)

SIGMUS Computer Music Symposium 2004

at Kanagawa-Kenmin hall, Kanagawa, Japan, March, 2004

Continua for tape

Inter College Computer Music Concert 03

at Shizuoka University of Art and Culture, Shizuoka, Japan, Dec, 2003

Butterfly for soprano and a interactive multimedia system performed by Y.Sasaki (soprano)

Sonic Interaction 03 vol.2

at Kitazawa Town hall, Tokyo, Japan, December, 2003

Butterfly for soprano and a interactive multimedia system performed by Y.Sasaki (soprano)

Sonic Art 2003

at Sougetsu hall, Tokyo, Japan, November, 2003

Bends for violin and a interactive multimedia system performed by S.Tetsuka (violin)

Sonic Interaction 03 vol.1

at Kitazawa Town hall, Tokyo, Japan, September, 2003

Ubiquitous Interaction for installation

Musica Viva' 2003

at Miso Music, Coimbra, Portugal, September, 2003

Mutation for guitar and a interactive multimedia system performed by P.Rodrigues (guitar)

Inter college Computer Music Concert 02

at Kurashiki Sakuyo University, Okayama, Japan, December, 2002

Kinetica for dance improvisation and a interactive multimedia system performed by Mizukawa (dance)

Sonic Interaction 02 winter

at Kitazawa Town hall, Tokyo, Japan, November, 2002

Kinetica for dance improvisation and a interactive multimedia system performed by K.Mizukawa (dance)

Sonic Interaction 02 summer

at Kitazawa Town hall, Tokyo, Japan, August, 2002

mutation for guitar and a interactive multimedia system performed by H.Miura (guitar)

Mix.02

at DIEM, Aarhus, Denmark, June, 2002

mutation for guitar and a interactive multimedia system performed by O.Larson (guitar)

DIPS Concert

at Carl Nielsen academy of music, Odense, Denmark, June, 2002

mutation for guitar and a interactive multimedia system performed by O.Larson (guitar)

Inter College Computer Music Concert 01

at Keio University, Kanagawa, Japan, December, 2001

Interlink for keyboard and a interactive multimedia system performed by D.Tsuda (keyboard)

June in Buffalo

at Music department, Buffalo University, New york, U.S.A, June, 2001

Gleam for alto-saxophone and a interactive multimedia system

Inter College Computer Music Concert 01

at Tokyo University of Technology, Tokyo, Japan, December, 2000

Gleam for alto-saxophone and a interactive multimedia system

PRESENTATIONS:

"Festival Electric Exchange NL-CH." at Music Academy Basel, Basel, Switzerland, November, 2005

"*Works for live electronics with interactive video images.*"
"the 54th SIGMUS Conference." at Kanagawa-Kenmin hall, March, 2004

"*Creating a interactive theatre piece.*"
"the 53th SIGMUS Conference." at Shizuoka University of Art and Culture, Shizuoka, Japan, December, 2003

"*Creating interactive multimedia works.*"
"Resonance 2003." at IRCAM, Paris, France, October, 2003

"*DIPS2 for Linux and MaxOSX.*"
"the 51th SIGMUS Conference." at Tokyo University, Tokyo, Japan, August, 2003

"*DIPS2: a multimedia programming environment on jMax.*"
"International Computer Music Conference." at Gotenberg University, Gotenberg, Sweden, September, 2002

"*DIPS2 demonstration.*"
"the 38th SIGMUS Conference." at Tokyo University of Technology, Tokyo, Japan, December, 2000

"*DIPS programming tutorial.*"
"the 36th SIGMUS Conference." at Kagawa University, Kagawa, Japan, August, 2000

"DIPS, developing OpenGL based external objects."

WORKSHOPS:

"Sensor Instrument DIY." at SGMK, Zürich, Switzerland, October, 2007

"DIPS3 workshop" at ICMC 2007, Copenhagen, Denmark, September, 2007

"DIPS2 workshop." at Kanagawa-Kenmin hall, Kanagawa, Japan, March, 2004

"DIPS2 workshop." at Miso Music, Coimbra, Portugal, Portugal, September, 2003

"DIPS workshop." at Carl Nielsen Academy of Music, Odense, Denmark, June, 2002

List of works:

COMPOSITIONS:

Momentum for marimba solo

On the grid for guitar and computer

Angry sparrow for sensor instrument **Seven eyes** premiered at Black box concert, University at Buffalo, New York, USA, April 2008.

Machina for seven instruments premiered at Schlusskonzert, Musik-Akademie der Stadt Basel, Basel, Switzerland, June 2007

Friction for fixed media premiered at NachtstromXXX, Gare du Nord, Basel, Switzerland, March 2007.

Fata Morgana for piano and computer commissioned by Yoshiko Shibuya, premiered at Yoshiko Shibuya Piano Recital, Tsuda hall, Tokyo October, 2006.

Keo for sensor instrument **Qgo** premiered at Ichiigai Konzert, Karlsruhe, Germany, April 2006.

Piano Chimera for fixed media premiered at AKUT, Musik-Akademie der Stadt Basel, Switzerland, April 2006.

Motions for harpsichord and a interactive multimedia system premiered at the Festival Electric Exchange NL-CH ,Gare du Nord, Basel, Switzerland, November 2005

Unity for Bass-clarinet and a interactive multimedia system. commissioned by International Clarinet Festival Tama Tokyo. premiered at Parthenon Tama, Tokyo, Japan, July 2005

Papyrus for a sheet of paper and computer premiered at the Nachtstrom, Gare du Nord, Basel, Switzerland, May 2005

Density for harp and computer premiered at the Sonic Art Concert, Operacity, Tokyo, Japan, July 2004.

Continua for tape premiered at the SIGMUS computer music concert, Kanagawa-Kenmin hall, Kanagawa, Japan, March 2004.

theater piece *Babel* premiered MA examination, Kunitachi College of Music, Tokyo, Japan, February 2003.

Butterfly for soprano and a interactive multimedia system premiered at the Sonic Interaction Concert, Kitazawa town hall, Tokyo, Japan, November 2003.

Bends for violin and a interactive multimedia system premiered at the Sonic Art Concert, Sougetsu hall, Tokyo, Japan, November 2003.

Kinetica for a performer and a interactive multimedia system premiered at the Inter College Computer

Music Concert, Kurashiki, Japan, December 2002.

Mutation for guitar and a interactive multimedia system premiered at the Mix '02 sponsored by DIEM, Arfus, Denmark, June 2002.

Aqua for piano and a interactive multimedia system premiered at the BA examination, Kunitachi College of Music, Tokyo, Japan, February 2002.

Interlink for keyboard and a interactive multimedia system premiered at the Inter College Computer Music Concert. Keio university, Kanagawa, Japan, December 2001.

Lucidity for flute and a interactive multimedia system premiered at the Try-Out Concert, Kunitachi College of Music, Tokyo, Japan, November 2001.

Digitide for percussion and a interactive multimedia system premiered at the Try-Out Concert, Kunitachi College of Music, Tokyo, Japan, November 2000.

Gleam for alto-saxophone and a interactive multimedia system premiered at the Inter College Computer Music Concert, Tokyo University of Technology, Tokyo, Japan, December 2000.

Luminescence for MIDI piano and a interactive multimedia system premiered at the Try-Out Concert, Kunitachi College of Music, Tokyo, Japan, November 1999.

INSTALLATIONS:

Shadowy for multimedia installation commissioned by Festival Espace Sonore. exhibited at the Festival Espace Sonore, Gare du Nord, Basel, Switzerland, October 2005.

Ubiquitous Interaction for multimedia installation exhibited at the Sonic Interaction Concert, Kitazawa town hall, Tokyo, Japan, September 2003.

VIDEO WORKS:

Piano chimera for video premiered at Spark Festival, Minnesota University, Minnesota, USA, February 2008

PAPERS:

Introduction of DIPS3v2 for Max/MSP presented at the International Computer Music Conference, Copenhagen, Denmark, September 2007.

Creating interactive multimedia works presented at the Meeting of Information Processing Society of Japan, Hamamatsu, Japan, December 2003.

Introduction of DIPS Programming Technique presented at the International Computer Music Conference, Singapore, September 2003.

DIPS2 : a multimedia programming environment on jMax presented at the 51th SIGMUS conference, Information Processing Society of Japan, Tokyo, Japan, August 2003.

DIPS for Linux and Mac OSX presented at the 48th SIGMUS conference, Information Processing Society of Japan, Kurashiki, Japan, December 2002.

DIPS for Linux and Mac OSX presented at the International Computer Music Conference. Göteborg, Sweden, September 2002.

DIPS programming tutorial presented at the 38th SIGMUS conference, Information Processing Society of Japan, Tokyo, Japan, December 2000.

DIPS, developing OpenGL based external objects presented at the 36th SIGMUS conference, Information Processing Society of Japan, Kagawa university, Kagawa, Japan, August 2000.