

ICMC2008

International Computer Music Conference
24 - 29 August, Belfast

Programme

Day	Time	Works
24	19:00 Whitla Hall Concert	<ul style="list-style-type: none">• Mikel Kuehn Crack• Karen Power just one girl playin' around• Michael Clarke Enmeshed II• Colin Johnson It's All Out There on the Internet• James Harley like pulverized jade• Scott McLaughlin Whitewater• Petra Bachrata Mystic Garden• Peter Swendsen Bright Days of Little Sunlight• Diana Simpson Chemistries• Justin Yang Activities I - 5 sonic archetypes• James Harley Wild Fruits 2
		Languages and Environments 1
25	09:00 Peter Froggatt Lecture Room G06 Paper Session	<ul style="list-style-type: none">• Mark Zadel, Gary Scavone RECENT DEVELOPMENTS IN THE DIFFERENT STROKES ENVIRONMENT• Victor Lazzarini A TOOLKIT FOR MUSIC AND AUDIO ACTIVITIES ON THE XO COMPUTER• Kia Ng I-MAESTRO: TECHNOLOGY-ENHANCED LEARNING FOR MUSIC• Vesa Norilo, Mikael Laurson A UNIFIED MODEL FOR AUDIO AND CONTROL SIGNALS IN PWGLSYNTH
		Interaction and Improvisation 1
	09:00 Peter Froggatt Lecture Room G07 Paper Session	<ul style="list-style-type: none">• Eduardo Miranda AUTONOMOUS DEVELOPMENT OF SINGING-LIKE INTONATIONS BY INTERACTING BABBLING ROBOTS• Jason Freeman, Mark Godfrey TECHNOLOGY, REAL-TIME NOTATION, AND AUDIENCE PARTICIPATION IN FLOCK• William Hsu TWO APPROACHES FOR INTERACTION MANAGEMENT IN TIMBRE-AWARE IMPROVISATION SYSTEMS• Parag Chordia, Alex Rae TABLA GYAN: A SYSTEM FOR REALTIME TABLA RECOGNITION AND RESYNTHESIS• Arshia Cont ANTESCOFO: ANTICIPATORY SYNCHRONIZATION

AND CONTROL OF INTERACTIVE PARAMETERS IN COMPUTER MUSIC

09:00 - 18:00
Harty Room
Continuous
Presentation

- Robert Thompson **Orgone**
- Martin Bedard **Check-point**
- Robert van Heumen **Fury**
- James Brody **Portal**
- Kerry Hagan **real-time tape music III (excerpt)**
- Min Eui Hong **A Large Bee's Flight for Tape Ver.4**
- Antonino Chiaramonte **Envoys**
- Mark Ballora **Moth Dance**
- Robert Dow **Precipitation within sight**
- Charles Nichols **Current Threat Level**
- Marc Ainger **Monkey Chatter with Train**

Sound Synthesis

10:30
Peter Froggatt
Lecture Room G06
Paper Session

- Victor Lazzarini, Joseph Timoney, Thomas Lysaght **SPLIT-SIDEBAND SYNTHESIS**
- Rodrigo Cadiz, Patricio de la Cuadra **STOCHASTIC RESONANCE SOUND SYNTHESIS**
- Wasim Ahmad, HÃ¼seyin Hacıhabiboglu, Ahmet M Kondo **ANALYSIS-SYNTHESIS MODEL FOR TRANSIENT IMPACT SOUNDS BY STATIONARY WAVELET TRANSFORM AND SINGULAR VALUE DECOMPOSITION**
- Tamara Smyth **VOICE SYNTHESIS USING THE GENERALIZED PRESSURE-CONTROLLED VALVE**

Computational Modeling of Music

11:00
Peter Froggatt
Lecture Room G07
Paper Session

- Kjell BÃckman **AUTOMATIC FITNESS IN GENERATIVE JAZZ IMPROVISATION**
- Alfonso Perez Carrillo, Esteban Maestre, Stefan Kersten, Rafael Ramirez Perez **EXPRESSIVE IRISH FIDDLE PERFORMANCE MODEL INFORMED WITH BOWING**
- Dan Trueman **THE CYCLOTRON: A TOOL FOR PLAYING WITH TIME**

12:15
Sonic Lab
Concert

- Andrea Szigetvári **Swinging Door**
- Brian Cullen **Thrice Removed**
- Eric Honour **Phantasm for alto saxophone and computer**
- Donal Sarsfield **Piano Accord**

13:45
Sonic Lab
Concert

- Dimitri Voudouris **Gesticular [Cena 8]**
- Jason Bolte **Friction**
- Jon Christopher Nelson **objet sonore/objet cinétique**
- Per Samuelsson **Grid Expansion**
- Kari Vakeva **Halo**

Demos 1

15:15
**School of Music and
Sonic Arts / Peter
Froggatt Centre**
Demo Session

- Wei Pan, Micah Johnson, Larry Polansky, Daniel Rockmore, Douglas Repetto **OWT: A REAL-TIME OPTIMAL TUNING APPLICATION**
- Samantha Brough **APPLICATIONS OF GEOSCIENTIFIC SONIFICATION**
- Georges Bloch, Shlomo Dubnov, G rard Assayag **INTRODUCING VIDEO FEATURES AND SPECTRAL DESCRIPTORS INTO THE OMAX IMPROVISATION SYSTEM**
- Fabien Gallot, Owen Lagadec, Myriam Desainte-Catherine, Sylvain Marchand **IKLAX : A NEW MUSICAL AUDIO FORMAT FOR INTERACTIVE MUSIC**

Posters 1

15:15
Peter Froggatt Foyer
Poster Session

- Victor Lazzarini, Rory Walsh, Martin Brogan **TWO CROSS-PLATFORM CSOUND-BASED PLUGIN GENERATORS**
- Pierre Hanna, Matthias Robine, Pascal Ferraro **VISUALISATION OF MUSICAL STRUCTURE BY APPLYING IMPROVED EDITING ALGORITHMS**
- Alexis Kirke, Eduardo Miranda **COMPER: TOWARDS A MODEL FOR GENERATING COMPOSITIONS FROM EXPRESSIVE MUSIC PERFORMANCES**
- Greg Wilder **ADAPTIVE MELODIC SEGMENTATION AND MOTIVIC IDENTIFICATION**
- Adam Stark, Matthew Davies, Mark Plumbley **RHYTHMIC ANALYSIS FOR REAL-TIME AUDIO EFFECTS**
- Niels Bogaards, Chunghsin Yeh, Juan Jos  Burred **INTRODUCING ASANNOTATION: A TOOL FOR SOUND ANALYSIS AND ANNOTATION**
- Artur Capela, Jaime Cardoso, Ana Rebelo, Carlos Guedes **INTEGRATED RECOGNITION SYSTEM FOR MUSIC SCORES**
- Tom Davis **CROSS-POLLINATION: TOWARDS AN AESTHETICS OF THE REAL**
- Matthew Wright, W. Andrew Schloss, George Tzanetakis **VISUALIZATION TOOLS FOR MUSICAL TIMING APPLIED TO AFRO-CUBAN PERCUSSION**
- Per Anders Nilsson **THE WALKING MACHINE**
- Garry Quested, Roger Boyle, Kia Ng **POLYPHONIC NOTE TRACKING USING MULTIMODAL RETRIEVAL OF MUSICAL EVENTS**

- Daniel Bisig, Martin Neukom, Flury John **INTERACTIVE SWARM ORCHESTRA, A GENERIC PROGRAMMING ENVIRONMENT FOR SWARM BASED COMPUTER MUSIC**
- Ant3nio Pedro Oliveira, Am3lcar Cardoso **TOWARDS BI-DIMENSIONAL CLASSIFICATION OF SYMBOLIC MUSIC BY AFFECTIVE CONTENT**
- Min-Joon Yoo, In-Kwon Lee **PATTERN-SPECIFIC PIANO EXERCISE RETRIEVAL**
- Daniel Bisig, Martin Neukom, John Flury **INTERACTIVE SWARM ORCHESTRA, AN ARTIFICIAL LIFE APPROACH TO COMPUTER MUSIC**
- Francis Rousseaux, Alain Bonardi, Benjamin Roadley **DIGITAL MUSIC COLLECTIONS: A PLACE OF KNOWLEDGE EMERGENCE ?**
- Sebastian Streich, Bee Suan Ong **A MUSIC LOOP EXPLORER SYSTEM**
- Yohei Kobayashi, Naotoshi Osaka **CONSTRUCTION OF AN ELECTRONIC TIMBRE DICTIONARY FOR ENVIRONMENTAL SOUNDS BY TIMBRE SYMBOL**
- John ffitch, Julian Padget **MAINTAINING AND USING PROVENANCE DATA IN COMPUTER MUSIC**
- Stuart Pullinger, Douglas McGilvray, Nicholas Bailey **MUSIC AND GESTURE FILE: PERFORMANCE VISUALISATION, ANALYSIS, STORAGE AND EXCHANGE**

Interaction and Improvisation 2

- Nick Collins **REINFORCEMENT LEARNING FOR LIVE MUSICAL AGENTS**
- Christopher McClelland, Michael Alcorn **EXPLORING NEW COMPOSER/PERFORMER INTERACTIONS THROUGH REAL-TIME NOTATION**
- David Plans Casal **TIME AFTER TIME : SHORT-CIRCUITING THE EMOTIONAL DISTANCE BETWEEN ALGORITHM AND HUMAN IMPROVISORS**

Aesthetics, History, and Philosophy 1

- Mary Simoni, Betty Anne Younker **PROJECT LOVELACE: TEENAGE GIRLS AND TECHNOLOGY-BASED COMPOSITION**
- Carola Boehm **WEEDS IN THE CRACKS: INTERDISCIPLINARITY AND MUSIC TECHNOLOGY IN HIGHER EDUCATION**
- Xenia Pestova, Mark Marshall, Jacob Sudol **ANALOGUE TO DIGITAL: AUTHENTICITY VS. SUSTAINABILITY IN STOCKHAUSEN'S MANTRA (1970)**

15:55

Peter Froggatt
Lecture Room G06
 Paper Session

15:55

Peter Froggatt
Lecture Room G07
 Paper Session

19:00

- Sean Peuquet **Chord**

Whitla Hall
Concert

- Paulo Ferreira-Lopes **Sotto-Voce**
- Ronald Smith **Something Suspicious (Small)**
- Sohrab Uduman **Chants, airs and dances for alto flute and live electronics**
- Ricardo Climent **Russian Disco**
- Juan Pablo Caceres, Alain Renaud **NET:DISTURBANCES**
- Jan Trüttschler von Falkenstein **Zeitfenster (time frames)**
- David Plans Casal **Chasing Frank**

22:00
Mandela Hall
Concert

- Sascha Lino Lemke **...and even further conversations with myself... for baritone saxophones and computers**
- Rob Godman **Duel - for piano and sound projection**
- Allison Ogden, Krzysztof Wolek **2x2: an electronic improvisation**
- Kotoka Suzuki **Piano Con Moto**
- Lance Putnam **S Phase**
- Maria Panayotova **In The Forest**
- Kazuaki Shiota **Winter Street**
- Alison Rootberg, Margaret Schedel **The Color of Waiting**

Miscellaneous

26
09:00
Peter Froggat
Lecture Room G06
Paper Session

- Kia Ng **ONTOLOGY MANAGEMENT FOR PRESERVATION OF INTERACTIVE MULTIMEDIA PERFORMANCES**
- Graham Percival, Torsten Anders, George Tzanetakis **GENERATING TARGETED RHYTHMIC EXERCISES FOR MUSIC STUDENTS WITH CONSTRAINT SATISFACTION PROGRAMMING**
- Richard Dobson, John ffitch, Russell Bradford **HIGH-PERFORMANCE AUDIO COMPUTING --- A POSITION PAPER**
- Robert Hamilton **Q3OSC OR: HOW I LEARNED TO STOP WORRYING AND LOVE THE GAME**

Algorithmic Composition Tools 1

09:00
Peter Froggat
Lecture Room G07
Paper Session

- Torsten Anders, Eduardo Miranda **HIGHER-ORDER CONSTRAINT APPLICATORS FOR MUSIC CONSTRAINT PROGRAMMING**
- Timothy Place, Trond Lossius, Alexander Refsum Jensenius, Nils Peters **FLEXIBLE CONTROL OF COMPOSITE PARAMETERS IN MAX/MSP**

09:00 - 18:00
Harty Room
Continuous
Presentation

- Peter Smith **Wet Sunday**
- Olivier Bélanger **Chorus Morph**
- Sever Tipei **Bfast**
- Rui Penha, Rui Penha **Efeito Dominó I: Alquimia**
- Kristine Burns, Kristine Burns **Alfredo Cruz**
- Manuela Meier, Manuela Meier **underground sounds**
- Ron Herrema **One or Two Things**
- Colby Leider **White Fire**

- James Carpenter **Pent-up**
- Michael Pounds **Collection**
- Alessandro Altavilla **Logos appears milking a star**
- Paul Koonce **Träumerei Machine**
- Travis Scharr **Of Horror and Hope**
- Paul Marinaro **Old Blue**
- Peter Silva **Late**
- Jacob Gotlib **Tower of Babel**
- Yvette Guillaume **Atlas**

Network Performance

- David Kim-Boyle **NETWORK MUSICS - PLAY, ENGAGEMENT AND THE DEMOCRATIZATION OF PERFORMANCE**
- Juan-Pablo Caceres, Alain B. Renaud **PLAYING THE NETWORK: THE USE OF TIME DELAYS AS MUSICAL DEVICES**
- Chrisoula Alexandraki, Panayotis Koutlemanis, Petros Gasteratos, Demosthenes Akoumianakis, Giannis Milolidakis, Nikolas Valsamakis **TOWARDS THE IMPLEMENTATION OF A GENERIC PLATFORM FOR NETWORKED MUSIC PERFORMANCE: THE DIAMOUSES APPROACH**
- Aristotelis Hadjakos, Erwin Aitenbichler, Max MÃ¼hlhÃ¼ser **PARAMETER CONTROLLED REMOTE PERFORMANCE (PCRP): PLAYING TOGETHER DESPITE HIGH DELAY**

Computational Music Analysis 1

- Mike Solomon **STABILITY SPACE AND THE BELOW-N THRESHOLD: A COMPUTATIONAL APPROACH TO MUSIC ANALYSIS**
- Pedro Kroger, Alexandre Passos, Marcos Sampaio, Givaldo Cidra **RAMEAU: A SYSTEM FOR AUTOMATIC HARMONIC ANALYSIS**
- Matthias Robine, Thomas Rocher, Pierre Hanna **IMPROVEMENTS OF SYMBOLIC KEY FINDING METHODS**

- Jeremy Baguyos **Chindogu**
- Christopher Keyes **"Radiant Telemetries: Musical Settings of Celestial Images from The New general Catalog I: NGC2023 (Horse Head Nebula)"**
- Rikhardur H. Fridriksson **Postcards from North and South**
- Daniel Morse **Klangmasse I**
- Benjamin Broening **Lamentation Alphabet: Aleph**
- Masahiko Inada, Taizo Nakamura **Wakei**
- Linda Antas **Stand**
- John Gibson **Slumber**

10:00

Peter Froggatt
Lecture Room G07
 Paper Session

10:40

Peter Froggatt
Lecture Room G06
 Paper Session

12:15

Sonic Lab
 Concert

13:45
Sonic Lab
Concert

- Elainie Lillios **Listening Beyond...**
- Marina Kim **in sich selbst**
- Rodney Waschka II **Still Life with Castanets**
- Viktor Pushkar **Pushkar Mountain**
- Gregory Cornelius **Earth and Green**
- Takeyoshi Mori **Over the Blue**
- Hee Young Cho **The Voice of the Sun**
- Donal Siggins **Farewell to Music**

Panel 1: Reinventing Audio and Music Computation for Many-Core Processors

15:15
Peter Froggatt
Lecture Room G06
Panel Session

- David Wessel **REINVENTING AUDIO AND MUSIC COMPUTATION FOR MANY-CORE PROCESSORS**
- Yann Orlarey, Stephane Letz, Dominique Fober **MULTICORE TECHNOLOGIES IN JACK AND FAUST**
- Roger Dannenberg **IS MUSIC AUDIO PROCESSING EMBARRASSINGLY PARALLEL?**
- Ge Wang **A COMMENT ON MANY-CORE COMPUTING AND REAL-TIME AUDIO SOFTWARE SYSTEMS (2008)**
- Peter van Roy **THE CHALLENGES AND OPPORTUNITIES OF MULTIPLE PROCESSORS: WHY MULTICORE PROCESSORS ARE EASY AND INTERNET IS HARD**
- Miller Puckette **THOUGHTS ON PARALLEL COMPUTING FOR MUSIC**

Panel 2: Towards an Interchange Format for Spatial Audio Scenes

15:15
Peter Froggatt
Lecture Room G07
Panel Session

- Gary Kendall, Nils Peters, Matthias Geier **TOWARDS AN INTERCHANGE FORMAT FOR SPATIAL AUDIO SCENES**
- Matthias Geier, Sascha Spors **ASDF: AUDIO SCENE DESCRIPTION FORMAT**
- Nils Peters **PROPOSING SPATDIF - THE SPATIAL SOUND DESCRIPTION INTERCHANGE FORMAT**
- Gary Kendall **INTERCHANGE FORMATS AND THE ART OF SPATIAL AUDIO**
- Gabriel Gatzsche, Frank Melchior **SPATIAL AUDIO AUTHORIZING AND RENDERING: FORWARD RESEARCH THROUGH EXCHANGE**
- Trond Lossius **CONTROLLING SPATIAL SOUND WITHIN AN INSTALLATION ART CONTEXT**
- Eric Lyon **CONDITIONS FOR DEVELOPMENT OF AN INTERCHANGE FORMAT FOR SPATIAL AUDIO**
- Steven Travis Pope **INTERCHANGE FORMATS FOR SPATIAL**

AUDIO

19:00

Whitla Hall
Concert

- Alo Allik, "Yota Morimoto **hystere**
- Hans Peter Stubbe Teglbjærg **Koba Qunar**
- Kingsley Ash **GoLimp III**
- Teresa Carrasco, Ellen Fallowfield **Electric Voodoo puppen**
- Nicolas d'Alessandro **Cent Voies**
- Tobias Grosshauser **Sensonar**
- David Durant **Vista for piano and tape**
- Juhani Räisänen **Cringle**
- Joshua Clausen **she quiety enters and leaves the fray**

22:00

Mandela Hall
Concert

- Pierre Alexandre Tremblay **Sandbox#2.5**
- Anna Friz **Radio is everywhere in their dreams**
- Matthew Yee-King **Live coding with digital percussion**
- Giampiero Gemini **Diavolo Figura**
- Diemo Schwarz, Etienne Brunet **theconcatenator**

Studio Reports 1

27 09:00
Peter Froggatt
Lecture Room G06
Paper Session

- Stephen Beck **LCAT STUDIO REPORT**
- Michael Young, John Drever, Mick Grierson, Ian Stonehouse
GOLDSMITHS ELECTRONIC MUSIC STUDIOS: 40 YEARS
- Jonatas Manzoli **CONTINUAMENTE: INTEGRATING PERCUSSION, AUDIOVISUAL AND IMPROVISATION**
- Richard Andrews **CNMAT STUDIO REPORT**
- Gary Scavone, Nathan Whetsell **THE MUSIC TECHNOLOGY PROGRAM AT MCGILL UNIVERSITY**

Mobile Computer Ensemble Play

09:00

Peter Froggatt
Lecture Room G07
Paper Session

- Ge Wang, Georg Essl, Henri Penttinen **DO MOBILE PHONES DREAM OF ELECTRIC ORCHESTRAS?**
- Alex Harker, Angie Atmadjaja, Jethro Bagust, Ambrose Field
WORLDSCAPE LAPTOP ORCHESTRA
- Christopher Burns, Greg Surges **NRCI: SOFTWARE TOOLS FOR LAPTOP ENSEMBLE**
- Scott Hewitt, Pierre Alexandre Tremblay **SOUND COMMUNICATION: A STANDARD SYNTAX FOR INTER-APPLICATION, INTER-DEVICE AND INTER-PLAYER COMMUNICATION OVER OSC**

09:00 - 18:00

Harty Room
Continuous
Presentation

- Ilya Mayzus **Gusli Remix**
- J.T. Rinker **imp ++**
- Lisa Whistlecroft **Almost Nothing But (Butterflies and Clouds)**
- Erik DeLuca **Greenwood**

12:15
Sonic Lab
Concert

- jose halac **The Breaking of the Scream**
 - Michael Spicer **Along the corridor**
 - Fabio Barbagallo **Abrasioni**
 - Heinz-Josef Florian **Eurydike's cry**
 - Fernando Lopez-Lezcano, Fernando Lopez-Lezcano **Kitchen <-> Miniature(s)**
 - Kjetil Matheussen, Kjetil Matheussen **Many saxophones of colors v1.2**
 - McGregor Boyle **Pepper**
 - Giuseppe Rapisarda **Montinarmonici**
 - Martin Marier **Piano**
 - Jun Mizumachi **PF-20**
-
- Laurens van der Wee **No Sine Cure**
 - Ge-Suk Yeo **Time Sculptures III**
 - Peter Hulen **Organum on Ash Grove**
 - Paula Matthusen **rosenthaler**
 - Scott Wilson **BEASTLY Fanfare**
 - Grace Leslie **Nests and Shells**

13:45
Sonic Lab
Concert

- Butch Rován **Correspondences**
- Carmen Caruso **Mayday**
- d.d./h.-ed slash/roland **The Warrior Weeps II: Shadows and Reflections**
- Jonty Harrison **Internal Combustion**
- Fredrik Gran **an hour and a half**
- Elizabeth Anderson **Protopia/Tesseract**
- Thomas Gerwin **Orpheus400 > e-scape No.3**
- Greg Schiemer **Mandala 7**
- Georg Essl, "Henri Penttinen **MoPhO: Suite for Mobile Phone Orchestra**

Demos 2

15:15
**School of Music and
Sonic Arts / Peter
Froggatt Centre**
Demo Session

- Adrian Moore **FRACTURING THE ACOUSMATIC: MERGING IMPROVISATION WITH DISASSEMBLED ACOUSMATIC MUSIC**
- Keith McMillen **STAGE-WORTHY BLUETOOTH SENSOR BOWS**
- Nicholas Bailey, Graham Hair, Douglas McGilvray, Ingrid Pearson, Amanda Morrison, Richard Parncutt **THE ROSEGARDEN CODICIL: REHEARSING MUSIC IN NINETEEN-TONE EQUAL TEMPERAMENT**
- Tom Lieber, Ananya Misra, Perry Cook **FREEDOM IN TAPESTREA! VOICE-AWARE TRACK MANIPULATIONS**

Posters 2

15:15
Peter Froggatt Foyer
Poster Session

- Victor Lazzarini **INTERACTIVE AUDIO SIGNAL SCRIPTING**
- Matthew Yee-King, Martin Roth **SYNTHBOT: AN UNSUPERVISED SOFTWARE SYNTHESIZER PROGRAMMER**

- Kazuaki Shiota {TRANSPELL}
- JAIME SERQUERA, Eduardo Miranda **SPECTRAL SYNTHESIS AND CONTROL WITH CELLULAR AUTOMATA**
- John Chowning **OUT OF SYNC: A SIMPLE SCORE BASED GUI FOR QUICK CORRECTION IN PERFORMER COMPUTER INTERACTION**
- Paulo Ferreira-Lopes **INTERACTION TYPOLOGIES : TRADITIONAL MUSIC INSTRUMENTS VERSUS DIGITAL MUSIC INSTRUMENTS**
- Olivier B  langer **OUNK - AN AUDIO SCRIPTING ENVIRONMENT FOR SIGNAL PROCESSING AND MUSIC COMPOSITION**
- Alexandros Kontogeorgakopoulos **USING THE CORDIS-ANIMA FORMALISM FOR THE PHYSICAL MODELING OF THE GREEK ZOURNAS SHAWM**
- Grace Leslie, Navid Hassanpour **A GAME THEORETICAL MODEL FOR MUSICAL INTERACTION**
- Roisin Loughran, Jacqueline Walker, Michael O'Neill, Marion O'Farrell **THE USE OF MEL-FREQUENCY CEPSTRAL COMPONENTS IN MUSICAL INSTRUMENT IDENTIFICATION**
- margaret schedel, alison rootberg **SCORING "THE COLOR OF WAITING" AN INTERACTIVE, MULTIMEDIA SEMI-IMPROVISED PERFORMANCE WORK**
- Kjetil Matheussen **REALTIME MUSIC PROGRAMMING USING SND-RT**
- julio d'Esquiv  n, Jan Tr  tzschler von Falkenstein **TEATRACKS: A DEMONSTRATION OF AN AUDITORY DISPLAY OF A MULTITRACK SOUND SEQUENCER**
- Mika Kuuskankare, Mikael Laurson **SURVEY OF MUSIC ANALYSIS AND VISUALIZATION TOOLS IN PWGL**
- Mathew Adkins **TOWARDS 'A BEAUTIFUL LAND': THE INFLUENCE OF ROTHKO AND ABSTRACT EXPRESSIONISM ON FIVE PANELS NO.5**
- Sylvain Le Groux, Aleksander Valjamae, Jonatas Manzolli, Paul Verschure **IMPLICIT PHYSIOLOGICAL INTERACTION FOR THE GENERATION OF AFFECTIVE MUSICAL SOUNDS**

Algorithmic Composition Tools 2

- Alexis Kirke, Eduardo Miranda **AN INSTANCE-BASED MODEL FOR GENERATING EXPRESSIVE PERFORMANCE DURING COMPOSITION**
- Nick Collins **INFNO: GENERATING SYNTH POP AND ELECTRONIC DANCE MUSIC ON DEMAND**
- James B. Maxwell, Arne Eigenfeldt **THE MUSICDB: A MUSIC DATABASE QUERY SYSTEM FOR RECOMBINANCE-BASED COMPOSITION IN MAX/MSP**

15:55

Peter Froggat
Lecture Room G06
 Paper Session

- Eric Lyon **ARTICULATED NOISE**

Interface, Gesture, and Control 1

15:55
Peter Froggatt
Lecture Room G07
 Paper Session

- Miha Ciglar **A FULL-BODY GESTURE RECOGNITION SYSTEM AND ITS INTEGRATION IN THE COMPOSITION '3RD. POLE'**
- Alex McLean, Geraint Wiggins **VOCABLE SYNTHESIS**
- Jean-Baptiste Thiebaut, Patrick G.T. Healey, Nick Bryan Kinns **DRAWING ELECTROACOUSTIC MUSIC**

22:00
Mandela Hall
 Concert

- Paul Wilson **Trapped in Ice**
- Luigi Ceccarelli **De Zarb à Daf**
- Mauro Cardi **Alba**
- Daniel Blinkhorn **jeu fabrique**
- Orestis Karamanlis **Transduction [for networked computer trio+soundfiles]**
- Ivica Bukvic, Dane Webster **With Delicate Risk**
- Joseph Waters **Grand Larceny**
- David Holton **Bursts on the Ecliptic Plane**
- Julian Knowles **Amphibian**

Interface, Gesture, and Control 2

28
 09:00
Peter Froggatt
Lecture Room G06
 Paper Session

- Klaus Petersen, Jorge Solis, Atsuo Takanishi **DEVELOPMENT OF A REAL-TIME GESTURAL INTERFACE FOR HANDS-FREE MUSICAL PERFORMANCE CONTROL**
- Enrico Cupellini, Costantino Rizzuti, Eleonora Bilotta, Pietro Pantano, Michael Wozniowski, Jeremy Cooperstock **EXPLORING MUSICAL MAPPINGS AND GENERATING ACCOMPANIMENT WITH CHAOTIC SYSTEMS**
- Ivica Bukvic, Denis Gracanin, Francis Quek **INVESTIGATING ARTISTIC POTENTIAL OF THE DREAM INTERFACE: THE AURAL PAINTING**

Languages and Environments 2

09:00
Peter Froggatt
Lecture Room G07
 Paper Session

- Nick Didkovsky, Georg Hajdu **MAXSCORE: MUSIC NOTATION IN MAX/MSP**
- Roger Dannenberg **THE NYQUIST COMPOSITION ENVIRONMENT: SUPPORTING TEXTUAL PROGRAMMING WITH A TASK-ORIENTED USER INTERFACE**
- Tae Hong Park, Zhiye Li, Jonathan Biguenet **NOT JUST MORE FMS: TAKING IT TO THE NEXT LEVEL**
- Rebecca Fiebrink, Ge Wang, Perry Cook **FOUNDATIONS FOR ON-THE-**

FLY LEARNING IN THE CHUCK PROGRAMMING LANGUAGE

09:00 - 18:00
**SARC: Multimedia
Room**
Continuous
Presentation

- Orlando Legname **Agua de Pingo**
- Noah Keesecker **TONEGOBLIN**
- Ji Won Yoon **Phantasma 2007**
- Pavia Marcela **Dancing around the One**
- Alexander Sigman, Tapa Tariq **custody**

Spatialization 1

10:40
**Peter Froggatt
Lecture Room G06**
Paper Session

- Kerry Hagan **TEXTURAL COMPOSITION: IMPLEMENTATION OF AN INTERMEDIARY AESTHETIC**
- David Kim-Boyle **SPECTRAL SPATIALIZATION - AN OVERVIEW**
- Matthew Bruns, Gary Kendall **THE EFFECT OF AIR TURBULENCE ON SOUND AND ITS APPLICATION TO MUSICAL SIGNAL PROCESSING**

Computational Music Analysis 2

11:00
**Peter Froggatt
Lecture Room G07**
Paper Session

- Bee Suan Ong, Sebastian Streich **AN EFFICIENT OFF-LINE BEAT TRACKING METHOD FOR MUSIC WITH STEADY TEMPO**
- Anna Jordanous **VOICE SEPARATION IN POLYPHONIC MUSIC: A DATA-DRIVEN APPROACH**
- Arne Eigenfeldt, Ajay Kapur **MULTI-AGENT MULTIMODAL PERFORMANCE ANALYSIS**

12:15
Sonic Lab
Concert

- Chikashi Miyama **Piano Chimaera for video**
- Angela Veomett **Communal**
- Mike Solomon **Una passeggiata per la Piazza San Marco**
- Nick Collins **C28**
- Oikawa Junya **Labile**
- Suk-Jun Kim **Welcome To Hasla**
- Katharine Norman **Losing It**
- Yu-Chung Tseng **ICSC in 3**

13:45
Sonic Lab
Concert

- Annie Mahtani **Open Frames**
- Mathew Adkins **Five Panels (no.5)**
- João Pedro Oliveira **'Aphar**
- Mario Verandi **Comme un jeu des images**
- Hans Tutschku **Distance liquide**

15:15
**SARC - Multi Media
Room**
Panel Session

Panel 3: Network Performance

- Jonas Braasch **TELEMATIC MUSIC – RESTRICTIONS AND ADVANTAGES COMPARED TO TRADITIONAL ONE-SITE MUSIC**

EVENTS

- Winfried Ritsch **REMOTE 3D-AUDIO PERFORMANCE WITH SPATIALIZED DISTRIBUTION**
- Antonio Camurri, Corrado Canepa, Paolo Coletta, Simone Ghisio, Roberto Girolin, Gualtiero Volpe **THE NETWORKED PERFORMANCE PROJECT FOR "LO SPECCHIO CONFUSO DALL'OMBRA" BY ROBERTO GIROLIN**
- Joy Jerome, Sinclair Peter **NETWORKED SONIC SPACES**
- Pedro Rebelo, Franziska Schroeder, Alain Renaud **NETWORK DRAMATURGY: BEING ON THE NODE**
- Andrew Gerzso **RICHARD WAGNER WAS THE FIRST NETWORK ARTIST**
- Georg Hajdu **REAL-TIME COMPOSITION AND NOTATION IN NETWORK MUSIC ENVIRONMENTS**
- Pauline Oliveros **NETWORKED MUSIC: LOW AND HIGH TECH**
- Chris Chafe **TAPPING INTO THE INTERNET AS AN ACOUSTICAL AND MUSICAL MEDIUM**
- Robert Rowe **COMPOSING FOR RELATIVE TIME IN DISTRIBUTED PERFORMANCE**
- Miller Puckette **NOT BEING THERE**
- Andrea Cera **MUSIC THAT LISTENS TO WHAT'S GOING TO HAPPEN: INTERNET ENHANCED, SELF-ADAPTING SOUNDSCAPES**

Demos 3

- Graham Coleman **MUSED DEMO**
- Cláudio Palacio-Quintin, Mark Zadel **INTERACTIVE COMPOSITION AND IMPROVISATION ON THE HYPER-FLUTE**
- Vincent Akkermans, Than van Nispen tot Pannerden **TWO NETWORK INSTALLATIONS: '1133' & 'COMPUTER_VOICES'**
- Scott Wilson **SPATIAL SWARM GRANULATION**
- Nick Collins **ERRANT SOUND SYNTHESIS**
- Koray Tahiroglu, Hannah Drayson, Cumhur Erkut **AN INTERACTIVE BIO-MUSIC IMPROVISATION SYSTEM**
- Kamil Adiloglu, Robert Anniós, Klaus Obermayer, Yon Visell, Carlo Drioli **ADAPTIVE BOTTLE**
- G. Douglas Barrett, Francesco Gagliardi **PERFORMING THE CITY: AN URBAN PERFORMANCE WORKSHOP**
- George Tzanetakis, Randy Jones, Carlos Castillo, Luis Gustavo Martins, Luis F. Teixeira, Mathieu Lagrange **INTEROPERABILITY AND THE MARSYAS-0.2 RUNTIME**

15:15

**School of Music and
Sonic Arts / SARC /
Peter Froggatt
Centre**
Demo Session

Posters 3

- Robert Gluck **THINKING REFLECTIVELY ACROSS CULTURES**

15:15

Peter Froggatt Foyer
Poster Session

- Chris Kiefer, Nick Collins, Geraldine Fitzpatrick **EVALUATING THE WIIMOTE AS A MUSICAL CONTROLLER**
- Benjamin Fields, Kurt Jacobson, Michael Casey, Mark Sandler **DO YOU SOUND LIKE YOUR FRIENDS? EXPLORING ARTIST SIMILARITY VIA ARTIST SOCIAL NETWORK RELATIONSHIPS AND AUDIO SIGNAL PROCESSING**
- Jaime Oliver, Matthew Jenkins **THE SILENT DRUM CONTROLLER: A NEW PERCUSSIVE GESTURAL INTERFACE**
- Andy Schmeder, Adrian Freed **IMPLEMENTATION AND APPLICATIONS OF OPEN SOUND CONTROL TIMESTAMPS**
- Knut Guettler, Hans Wilmers, Victoria Johnson **VICTORIA COUNTS – A CASE STUDY WITH ELECTRONIC VIOLIN BOW**
- Juhani Räsänen **DESIGNING NEW INSTRUMENTS FOR THE HUMAN TOUCH - CASE SORMINA**
- Jose I. Lopez Ramirez-Gaston **CUANDO CANTO BAJAN LOS CERROS: AN INITIATIVE FOR INTERFACE DEVELOPMENT INFORMED BY A LATIN-AMERICAN CONTEXT.**
- Charles O'Neill, Kia Ng **DESIGN AND DEVELOPMENT OF AN INTERACTIVE SONIFICATION INTERFACE FOR HEARING IMAGES**
- Mara Helmuth **INTERCULTURAL EXPLORATION: THE COMPUTER AND TRADITIONAL MUSIC CULTURES**
- Georg Boenn **THE IMPORTANCE OF HUSSERL'S PHENOMENOLOGY OF INTERNAL TIME-CONSCIOUSNESS FOR MUSIC ANALYSIS AND COMPOSITION**
- Jean-Julien Filatriau, Loic Kessous **VISUAL AND SOUND GENERATION DRIVEN BY BRAIN, HEART AND RESPIRATION SIGNALS**
- Jukka Holm **POPULARITY OF MUSIC PLAYER PARAMETERS AND FEATURES**
- James Mooney, David Moore **RESOUND: OPEN SOURCE SOUND SPATIALISATION**
- Martin Neukom, Jan Schacher **AMBISONICS EQUIVALENT PANNING AEP**
- Peter Hulen **A LOW-COST SPHERICAL LOUDSPEAKER ARRAY FOR ELECTROACOUSTIC MUSIC**
- Keith McMillen **COMPUTER INTERFACE FOR STRINGED INSTRUMENTS**
- Dante Tanzi **DIGITAL COMPLEXITY AND PERCEPTION**
- Kristine Burns **HOW TO MAKE YOUR WIFE LISTEN**
- Leandro Costalonga, Eduardo Miranda **EQUIPPING ARTIFICIAL GUITAR PLAYERS WITH BIOMECHANICAL CONSTRAINTS: A CASE STUDY OF PRECISION AND SPEED**
- Ian Whalley **TECHNOLOGY, CULTURE AND LOCATION IN A RECENT NEW ZEALAND SONIC ART PROJECT**
- Mick Grierson **COMPOSING WITH BRAINWAVES: MINIMAL**

TRIAL P300 RECOGNITION AS AN INDICATION OF SUBJECTIVE PREFERENCE FOR THE CONTROL OF A MUSICAL INSTRUMENT.

- Jerome Barthelemy, Alain Bonardi, Guillaume Boutard, Raffaele Ciavarella, Alex Mikroyannidis, Bee Ong, Kia Ng **OUR RESEARCH FOR LOST ROUTE TO ROOT**
- Enda Bates **ADAPTING POLYPHONIC PICKUP TECHNOLOGY FOR SPATIAL MUSIC PERFORMANCE**
- Katarzyna Chuchacz, Roger Woods, Sile O'Modhrain **NOVEL PERCUSSIVE INSTRUMENT DESIGN – CONVERTING MATHEMATICAL FORMULAE INTO ENGAGING MUSICAL INSTRUMENTS**

- Henry Vega **Izumi - for percussion and two computers**
- Rodrigo Sigal **ME(n)TAL**
- Georg Hajdu **Ivresse '84**
- Cort Lippe **Music for Snare Drum and Computer**
- Sebastian Tomczak **Eleven Point Six Milliseconds**
- Alessandro Cipriani **Bi Ma (Devoid of Self)**
- Fabio Cifariello Ciardi **daf and electronics"**
- Julio d’Escriván **CloseUp**
- Ernst "Oosterveld, " " **"ZEQ-Attack MoodSwings"**
- Pauline Oliveros **Tele-Morphosis**

19:00
Whitla Hall
Concert

- Florian Hollerweger, "Georg Holzmann **blind date**
- Georg Holzmann **the electronic unicorn**
- Mara Helmut, Alan Bern **The Man and the Moon**
- Matthew Burtner **Aes/Aer**

22:00
Mandela Hall
Concert

Sound Processing

- Bob Sturm, Curtis Roads, Aaron McLeran, John Shynk **ANALYSIS, VISUALIZATION, AND TRANSFORMATION OF AUDIO SIGNALS USING DICTIONARY-BASED METHODS**
- Matthew Hoffman, Perry Cook, David Blei **DATA-DRIVEN RECOMPOSITION USING THE HIERARCHICAL DIRICHLET PROCESS HIDDEN MARKOV MODEL**
- Diemo Schwarz, Sylvain Cadars, Norbert Schnell **WHAT NEXT? CONTINUATION IN REAL-TIME CORPUS-BASED CONCATENATIVE SYNTHESIS**
- Anna Saranti, Manuela Meier **"UNDERGROUND SOUNDS" - EXPERIMENTING WITH THE SOUNDS OF EARTHQUAKES**

29 09:00
Peter Froggatt
Lecture Room G06
Paper Session

Aesthetics, History, and Philosophy 2

- Sebastian Tomczak **AUTHENTICITY AND EMULATION: CHIPTUNE**

09:00
Peter Froggatt
Lecture Room G07

Paper Session

IN THE EARLY TWENTY-FIRST CENTURY

- Gascia Ouzounian **THE SPATIAL POLITICS OF RADIO: ANNA FRIZ'S CRITICAL UTOPIAS**
- Rob Godman **THE ENIGMA OF VITRUVIAN RESONATING VASES AND THE RELEVANCE OF THE CONCEPT FOR TODAY**
- Gary Kendall **WHAT IS AN EVENT? THE EVENT SCHEMA, CIRCUMSTANCES, METAPHOR AND GIST**

09:00 - 18:00

Harty Room

Continuous

Presentation

- Hubert Howe **Inharmonic Fantasy No. 2**
- Oriana Barbato **Acousmatic Longing**
- Fergal Dowling **Manchester Material**
- Martin Neukom, Martin Neukom **Studies 18.1 18.3 18.12**
- Katerina TZEDAKI **Jyoti**
- Piaras Hoban **newmorningwintertvlight**
- Jonas Foerster **Viereinhalb Minuten Caratillo**
- Barry Truax **The Shaman Ascending**
- Benoit Granier **through Riemann's eyes**
- Andre Bartetzki Bartetzki **agrajag**
- Dale Perkins **Swan Song**
- Enda Bates **Discordianism**
- Tom Williams **Voice**
- Daniel Barreiro **Sons Adentro**
- Jeffrey Gabriel Brindisi **la poesía de los utensilios domésticos**
- Sriram Viswanathan **In the womb - Our First Home, Our First Roots**
- Eduardo Miranda **Tiergarten**

Interface, Gesture, and Control 3

11:00

Peter Froggatt

Lecture Room G06

Paper Session

- Paulo Ferreira-Lopes, Filipe Jensen **DIGITAL MUSIC INSTRUMENTS AND SOUND EXPRESSION**
- Alexander Refsum Jensenius, Kristian Nymoen, Rolf Inge God y A **MULTILAYERED GDIF-BASED SETUP FOR STUDYING COARTICULATION IN THE MOVEMENTS OF MUSICIANS**
- Yip Sang To, Kam Wong **MULTI-USER HAND GESTURE BASED MUSICAL ELEMENT MAPPING WITH TRADITIONAL MUSICAL ELEMENTS**

Spatialization 2

11:00

Peter Froggatt

Lecture Room G07

Paper Session

- David Berezan **IN FLUX - A NEW APPROACH TO SOUND DIFFUSION PERFORMANCE PRACTICE FOR FIXED MEDIA MUSIC**
- Nils Peters, Tristan Matthews, Jonas Braasch, Stephen McAdams **SPATIAL SOUND RENDERING IN MAX/MSP WITH VIMIC**
- Sarah Adair **A STUDY INTO THE PERCEPTION OF**

ENVELOPMENT IN ELECTROACOUSTIC MUSIC

12:15
Sonic Lab
Concert

- John Arroyo **Control of the Noise**
- Seongah Shin **spring_flowing**
- Takayuki Hamano **.f(dot-F)**
- Adam Collis **Trackpad**
- Yuta Uozumi **biotope**

13:45
Sonic Lab
Concert

- Chien-Wen Cheng **Tune of Wind Rain and Thunder**
- Pete Stollery **rendez-vous"**
- Oliver Carman **Metamorphosis I**
- Manuella Blackburn **Kitchen Alchemy**
- Ambrose Seddon **10_35_70**

Algorithmic Composition Tools 3

15:15
Peter Froggatt
Lecture Room G06
Paper Session

- Masatoshi Hamanaka, Keiji Hirata, Satoshi Tojo **MELODY MORPHING METHOD BASED ON GTTM**
- Florian Thalmann, Guerino Mazzola **THE BIGBANG RUBETTE: GESTURAL MUSIC COMPOSITION WITH RUBATO COMPOSER**
- Torsten Anders, Eduardo Miranda **CONSTRAINT-BASED COMPOSITION IN REALTIME**

Studio Reports 2

15:15
Peter Froggatt
Lecture Room G07
Paper Session

- Rodrigo Sigal **THE MEXICAN CENTRE FOR MUSIC AND SONIC ARTS STUDIO REPORT**
- Rui Penha, Paulo Rodrigues, Fabien Gouyon, LuÃs Martins, Carlos Guedes, Ãlvvaro Barbosa **STUDIO REPORT: DIGITÃ“PIA AT CASA DA MÃSSICA**
- Ricardo Climent, David Berezan, Andrew Davison **NOVARS RESEARCH CENTRE, UNIVERSITY OF MANCHESTER, UK. STUDIO REPORT**
- Carr Wilkerson, Sasha Leitman, Fernando Lopez-Lezcano **CCRMA STUDIO REPORT**

19:00
Whitla Hall
Concert

- Kristina Wolfe **Broken Buildings**
- Miguel Angel Ortiz-Perez **Carne**
- Michael Young **Oboe_prosthesis**
- Rodrigo Cadiz **Particles**
- Philip Reeder **By Response**
- Elizabeth Hoffman **langanaich (two movements)**
- Kai Niggemann **Quintessence - the five Elements (a composition for five players and one video artist of the EBE-Ensemble)**
- Se-Lien Chuang, Andreas Weixler **I am from the universe and you know what its worth**

- Juan José Eslava **Skin's Traces**
- Per Bloland **FeXIV (Iron Fourteen)**

22:00
Mandela Hall
Concert

- **Trad & Laptop Session**