

CV

Chris Brown
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Interests:

Composition and improvisation, piano performance, interactive electronic music, interactive music software and instrument building, microtonality and alternative tuning systems, sound installations, algorithmic composition, twenty-first century performance practice, world musics.

Career Summary:

I am a composer, pianist, and electronic musician, making music with self-designed sonic systems that include acoustic and electroacoustic instruments, interactive software, computer networks, microtonal tunings, and improvisation. My compositions are designs for performances in which people bring to life the musical structures embedded in scores, instruments, and machines.

Collaboration and improvisation are consistent themes in my work, along with the invention and performance of new electronic instruments and software. My early pieces frequently included electroacoustic instruments I invented and built, like the *Gazamba* (1982), an electric percussion piano featured in *Alternating Currents* (1984), for orchestra and three soloists. I designed and built my own computer-controlled analog signal processing system for the 1992 environmental piece *Lava* (CD released on *Tzadik*), for brass, percussion, and live electronics. *Talking Drum* (1995-2000), was a MIDI network installation that explored polyrhythm, distance, and resonance in large architectural spaces. I later extended this concept with a homemade, low-power FM radio system for the audience interactive installation series *Transmissions* (2002-9) with Guillermo Galindo. I have been a member since 1986 of the pioneering computer network music band The HUB, which received the 2018 Giga-Hertz Award for Lifetime Achievement in Electronic Music from ZKM, Karlsruhe, Germany.

Throughout my career I have composed solos for acoustic instruments with interactive electronics, notably for the percussionist William Winant (*Iconicities*,

New World Records) using self-authored software. Interactive electronics also play a major role in my improvising trio with Winant and saxophonist Frank Gratkowski, which was featured on the 2009 Donaueschingen Musiktage festival in Germany and documented on the double-CD *Vermilion Traces*, (Leo Records). My pieces for piano solo and interactive computer were released last year on the double-CD album *Retrospectacles (Fo'c'sle)*

Since 2005 I have written music in just intonation, often integrating rhythmic structures that parallel the proportions used in their tunings. *Arcade* (2008) for string quartet, the first of these works, was premiered at Mills College by the Arditti Quartet; and my performance of another, *Six Primes* (2014), a 57 minute suite for piano in 13-limit just intonation was released in 2016 by New World Records.

I have performed and recorded music by Henry Cowell, Luc Ferrari, José Maceda, John Zorn, David Rosenboom, Larry Ochs, Glenn Spearman, and Wadada Leo Smith; as an improviser I have performed and recorded with Pauline Oliveros, Fred Frith, Rova Saxophone Quartet, Ikue Mori, Alvin Curran, Anthony Braxton, Marilyn Crispell, Barry Guy, Dave Douglas, Otomo Yoshihide, Nels Cline, Carla Kihlstedt, among many others. CDs that include improvisations with these and other musicians are available on *Intakt*, *Rastascan*, *Ecstatic Peace*, *Red Toucan*, *SIRR*, *Black Saint*, *Sound Aspects*, *Sonore*, and *Artifact* labels.

I am a Professor Emeritus at Mills College in Oakland, California, where from 1990 to 2018 I taught electronic music, composition, music theory, world musics, and contemporary performance practice. In my position I served as Co-Director of the Center for Contemporary Music (CCM) and for five years as the Chair of the Music Department. My articles on live electronic music have appeared in the *Computer Music Journal* and the *Leonardo Music Journal*, as well as in compilations including *Arcana: Musicians on Music* (Granary Books) and *At A Distance: Precursors to Art and Activism on the Internet* (MIT Press). I produced three CD releases of music by the Filipino composer and ethnomusicologist José Maceda, and have performed, written and lectured in the U.S. on his music.

Education:

- 1985 M.F.A., Electronic Music and Recording Media, Mills College, Oakland. Studied computer music with David Rosenboom.
- 1974 A.B., University of California/Santa Cruz with Honors in Music. Studied composition with William Brooks and electronic music with Gordon Mumma.

Academic Appointments:

- 1990-98 Professor of Music and Co-Director of the Center for Contemporary Music Mills College, Oakland, California.
- 2011-13 Music Department Head, Mills College.
- 2002-03 Music Department Head, Mills College.
- 1997-98 Music Department Head, Mills College.
- 1985-92 Assistant Professor, San Francisco Art Institute, teaching Computer Arts and Electronic Music in the New Genres Dept.

Writings:

- 2020 *The Hub: Pioneers of Network Music*, collaboratively produced book on the history and music of *The Hub*, published by Kehler-Verlag, with contributions by 14 composers and authors from Europe and America, produced by ZKM museum of digital art and culture, Karlsruhe, Germany.
- 2012 *In the Beginning*, by David Rosenboom, 3CD box set, New World Records, program notes by Chris Brown.
- 2010 *Frisch, lebendig und überraschend, Studieren bei Gordon Mumma*, by Chris Brown, MusikTexte 122, Cologne.
- 2009 *...Plymouth Rock...*, by David Rosenboom, 2CD release, New World Records, program notes by Chris Brown.
- 2007 *Future Talk*, by David Rosenboom, New World Records, program notes by Chris Brown.
- 2007 *Arcana 2*, editor of an article by Filipino composer José Maceda, Granary Books.
- 2006 *Some Thoughts about Improvising*, Contemporary Music Review, Volume 25, Numbers 5 & 6, Routledge.
- 2005 *Computer Network Music Bands: A History of the League of Automatic Music Composers and the Hub*, with John Bischoff; chapter 17 in "At a Distance: Precursors to Art and Activism on the Internet", MIT Press.
- 2002 Aug. *Indigenous to the Net: Early Network Music Bands in the Bay Area*, with John Bischoff, Crossfade website:
<http://crossfade.walkerart.org/brownbischoff/index.html>
- 2000 Feb. *Talking Drum: A Local Area Network Music Installation*, Leonardo Music Journal, vol. 9, MIT Press.
- 2000 Feb. *Pidgin Musics*, chapter 7 in *ARCANA- musicians on music*, edited by John Zorn, Granary Books/Hip's Road.
- 1996 June *Bringing Digital Music to Life*, article with John Bischoff and Tim Perkis, Computer Music Journal, v. 20 number 2.

Recent Lectures and Media Broadcasts:

- 2023 Sept *Instrument Building as a Compositional Practice*, Center for New Music and Audio Technologies (CNMAT), Berkeley, California.
- 2021 Dec *Electronics and the Contemporary Piano* lecture, UC/Santa Cruz, California.
- 2020 Feb *Day of Noise*, live computer music solo on KZSU Stanford University, Palo Alto, California.
- 2017 Nov *Rhythmic Conservatory*, Artist Lecture-Demonstration, Copenhagen, Denmark.
- 2017 Nov *Cologne Musik Hochschule*, workshop on interactive music, Cologne, Germany.
- 2013 May *Ritmos – Software to explore the perception and performance of Polyrhythms*, lecture for the SuperCollider Symposium, University of Colorado at Boulder, CO.
- 2013 Jan. *José Maceda and New Music in the Philippines*, pre-concert lecture for Monday Evening Concerts, Goethe House, Los Angeles, California.
- 2012 April *Metrical Consonance and Dissonance in Performing With Computers*, Composer's Colloquium, Univ. of California/Santa Cruz, California.
- 2011 Nov. *Bringing Digital Music to Life*, CCRMA, Stanford University, Palo Alto, California.
- 2011 March *Exploding Piano*, lecture at Yerba Buena Center for the Arts, San Francisco.
- 2011 Jan. *Interruptions#2: Once Upon a Time in Northern California*, podcast curated and distributed by Museu d'Art Contemporani de Barcelona, Spain. <http://rwm-macba.cat/en/curatorial/>
- 2010 April *And of Shadow*, with poet Erika Dagnino.
<http://www.alligatorzine.be/pages/051/zine87.html>

Grants, Commissions, and Residencies:

- 2018 City of Berkeley Arts Commission, commission of *Flow in Place*, an eight channel sound installation for the Downtown Berkeley BART plaza.
- 2017 Civitella Residency Fellow, Civitella Ranieri Foundation, Umbria, Italy.
- 2014 Composer Residency, Lou Harrison House, Joshua Tree, California.
- 2010 Composer Residency, Villa Montalvo, Saratoga, California.
- 2008 Contemporary Jewish Museum, San Francisco, commission with The Hub, a computer network band, of a sound installation for the opening of the museum. The piece "Vav" was created for ambisonic sound diffusion.
- 2005 Phonos Foundation, Barcelona, commission for the composition of a new work for the *ReacTable*, an electronic music instrument developed by the Music Technology Group at the Universitat Pompeu Fabra. *TeleSon* was premiered at the opening concert of the International Computer Music Conference (ICMC) 2005, in a performance for four players playing two Reactables linked via the internet between Linz, Austria and Barcelona, Spain.
- 2003 Haas Foundation Creative Work Fund Grant, with Guillermo Galindo, to create an audience-interactive performance entitled "Transmission Mission" outdoors at the Yerba Buena Gardens in San Francisco, in collaboration with young Latino poets produced by Galería de la Raza, San Francisco.
- 2002 Artist-in-Residence, Project Space, Headlands Center for the Arts, Sausalito, California.
- 2002 San Francisco Museum of Modern Art commission with John Bischoff for the online article *Indigenous to the Net*, and *Eternal Network Music*, two online inter-

- active network music pieces. Both were for the the *Crossfade* website, now archived here: <http://crossfade.walkerart.org/brownbischoff/index.html>
- 1997** *Points of Presence*: Research Grant and Performance, Institute for Studies in the Arts (ISA), Arizona State University, Tempe, Arizona. A live performance linking musicians at Mills College, California Institute for the Arts, and ISA via the internet.
- 1996** Honorable Mention in Computer Music for *Talking Drum* interactive installation, Ars Electronica '96, Linz, Austria.
- 1990** Gerbode Foundation Composer's Grant for a new work for brass, percussion, and electronics, sponsored and produced by New Langton Arts, San Francisco. Premiered Sept. 1992, Great American Music Hall, San Francisco.
- 1989** Meet the Composer/Reader's Digest Commission of a new work for the Rova Saxophone Quartet. Premiered June 1989, San Francisco.
- 1989** National Endowment for the Arts Inter-Arts Grant, with The Hub and Ramon Sender, for the production of the poetry/music radio performance *HubRenga* using electronic networks.
- 1988** Artist in Residence STEIM (Studio for Electro-Instrumental Music), Amsterdam.
- 1983** Berkeley Symphony Orchestra commission of *Alternating Currents* for orchestra, soloists, and original electroacoustic instruments.

Installations/Exhibitions:

- 2022 May** Sound for Mildred Howard's multimedia installation *The Time and Space of Now*, New Mexico Museum of Art, in Santa Fe, and later in Sept. 2022 at the Museum of Contemporary Art in San Jose, California.
- 2018 June** City of Berkeley Arts Commission, commission of *Flow in Place*, an eight channel sound installation for the Downtown Berkeley BART plaza.
- 2008 June** *Aleph-Bet Project, VAV*, a sound installation realized by The HUB, Contemporary Jewish Museum, San Francisco, California.
- 2008 June** *Possibilities of Action, the Life of the Score*, Museu d'Art Contemporani de Barcelona (MACBA), Barcelona, Spain.
- 2007 May** *Hummer*, six-channel sound installation for the tile sculpture by Johanna Poethig, Togonon Gallery, San Francisco, California.
- 2005 Oct.** *Transmission Polvo*, sound installation w/ Guillermo Galindo, Polvo Gallery, Chicago.
- 2003 May-June** *Transmission Asparagus*, with Guillermo Galindo and Fernando Rodriguez, interactive sound installation, Reynolds Art Gallery, University of the Pacific, Stockton, California.
- 2002 July** *Marking Time*, with Johanna Poethig, radio-sound/video installation, Headlands Center for the Arts, Sausalito, California.
- 1996 Nov.** *Talking Drum - Mouth Full of Fire* performance installation series for Market Street Art-in-Transit, a program of the San Francisco Art Commission, in collaboration with Inner City Public Art Projects for Youth.
- 1995 May** *Skywriters*, installation/performance, South of Market Cultural Center, San Francisco.

Compositions:

- 2023 *Nesting*, for piano solo with interactive live electronics, 10 minutes.
- 2022 *Summing*, for Ptolemy Duple (metal-keyed percussion instrument in Just Intonation) and live electronics. 7 minutes.
- 2022 *RhythmiChrome*, solo for MIDI keyboard, virtual piano, and live interactive computer, 20 minutes.
- 2020 *Om Monk*, for piano solo, 6 minutes.
- 2020 *Epimoric Quiverings*, for Ptolemy Duple (metal mallet percussion instrument built by Bill Colvig in 16-tone just-intonation).
- 2020 *Shuffle-Bagatelles*, for piano with MIDI output and interactive computer live sampling and processing.
- 2020 *Going Under (US)*, for six players playing 6 Philippine flat-gongs (gangsá) dipped into water-coolers.
- 2020 *Occhio*, for voice and cello (one player), oboe, and MIDI keyboard/digital piano with interactive computer; in Harry Partch's 43-tone just intonation, setting poetry by Erika Dagnino.
- 2020 *Tangled Web*, interactive, multichannel computer music solo.
- 2019 *Some Centre*, for voice and cello (one player), oboe, and MIDI keyboard/digital piano, in Harry Partch's 43-tone just intonation, setting poetry by Emily Dickinson.
- 2018 *Flow In Place*, 8-channel sound installation, commissioned by the City of Berkeley for the Downtown Berkeley BART station, 4 hour continuously running collage of field-recordings.
- 2017 *Bagatelles*, twelve pieces for piano solo, optionally with *Shuffle* live computer signal processing.
- 2017 *The Thorn*, generative rhythmic computer music, as a foil for improvisors.
- 2016 *First Light*, for voice, cello, oboe, and keyboard in 43-tone just-intonation, setting of poetry by Jackson Mac Low.
- 2015 *KnowNothing* for interactive computer, solo or networks.
- 2015 *Obelisk*, for oboe, cello, piano, and interactive computer; or for piano and computer alone; in just-intonation (12TET version optional).
- 2014 *Ragamala Chiaroscuro II*, microtonal music for wind trio, or large ensemble of mixed instruments.
- 2010-14 *Six Primes*, suite for piano solo in 13-limit just intonation.
- 2010-14 *Music of the Lost Cities*, with Johanna Poethig, video/sound/text fixed media.
- 2013 *Petals*, for interactive computer and keyboard controller.
- 2012 *Matrix*, structured improvisation for piano and interactive computer signal processing.
- 2010 *Gangsá*, for four flat-gongs and computer.
- 2008 *Arcade*, a Rhythm-Harmony String Quartet, for Henry Cowell.
- 2008 *Vav*, with The Hub, for computer network, sound installation.
- 2008 *Imaginary Birds*, for piano solo; or piano, percussion, cello, and interactive computer; based on Olivier Messiaen's *Oiseaux Exotiques*.
- 2007 *Stupa*, for piano, vibraphone, and interactive computer.
- 2005 *TeleSon*, for two *ReacTables*, connected via the internet.
- 2004 *Rogue Wave*, for DJ, percussion, and electronics.
- 2004 *Shuffle*, interactive computer processing for piano improvisation
- 2003 *Retrospectacles*, for piano and live computer signal processing.
- 2002 *Marking Time*, with Johanna Poethig, video/sound/radio installation.

- 2002-09 and 2001 *Transmissions Series*, with Guillermo Galindo, for live computer music systems and quadraphonic radio transmissions.
- 2001 *CloudStreams and Bellwethers*, for computer network ensembles.
- 2001 *Branches (Invention#7)*, for piano solo with PianoBar and interactive computer; or trio for piano, percussion, and DJ, with interactive computer.
- 1999-2000 *Invention#5&6*, for computer network ensemble.
- 1998-99 *Eternal Network Music*, for internet networked computers.
- 1998 *Waves*, for shakuhachi and interactive computer.
- 1997 *Inventions#1-3*, MIDI keyboard solo and interactive computer.
- 1996 *Many Streams*, for quartet of melody instruments and computer.
- 1995 *Talking Drum*, performance / installation for four acoustic instruments and four networked, interactive computers.
- 1994 *Tenebrae*, violin, interactive electronics, and quadraphonic spatialization system.
- 1993 *Flies*, for violin, piano, percussion and interactive electronics.
- 1992 *Lava*, 60 minute composition for brass and percussion octet, computer-controlled signal processing and quadraphonic spatialization system.
- 1990 *Chain Reaction*, for Airdrums MIDI controller, tenor saxophone piano / MIDI keyboard, and computer.
- 1989-90 *Quartet with Shadows*, for saxophone quartet and computer-controlled harmonizer.
- 1989 *Duo*, for MIDI keyboard, computer-controlled signal processing, and acoustic instrument improviser.
- 1987 *Snakecharmer*, for solo instrumentalist with interactive computer-controlled synthesizer.
- 1986 *Hall of Mirrors*, for tenor saxophone, percussion, piano and with interactive electronics; or, for piano / keyboard solo with interactive electronics.
- 1984 *Post Mortem*, for piano, percussion, saxophone and digital delay; or, for piano solo and digital delay.
- 1983 *Conjunction*, for carrillon (or piano) and amplified, bowed bronze rods.
- 1983 *Alternating Currents*, for orchestra and three soloists.
- 1979 *Drones and Polyphonies*, piano solo.
- 1976 *Sparks*, piano solo.

Recordings:

- 2023 *Tremble Trove*, Double-CD release of improvised music by Chris Brown, piano and electronics, Ben Davis, cello, Matt Ingalls, clarinets, and Marshall Trammell, drums.
- 2022 *Occhio*, *Artifact Recordings*, CD release of songs setting poetry by Erika Dagnino featuring the Chromelodia Project: Chris Brown, keyboard / virtual piano and interactive computer; Theresa Wong, cello and voice, and Kyle Bruckmann, oboe.
- 2021 *In the Pocket*, *Artifact Recordings*, CD release of pieces for instruments and interactive computer.
- 2020 *Some Center*, *New World Records*, CD release of music performed by the *Chromelodia Project*, of music by Chris Brown composed and performed in Harry Partch's 43-tone just-intonation system.
- 2018 *Retrospectacles*, *Fo'c'sle Recordings*, double-CD release of compositions for piano and live computer. Chris Brown, compositions and performance.
- 2017 *Transit*, *Artifact Recordings*, CD release of live electronic music improvisations by John Bischoff, Chris Brown, and Tim Perkis.
- 2016 *Six Primes*, *New World Records*, CD release of composition for piano retuned in 13-limit just intonation, Chris Brown, composition and performance.
- 2012 *Vermilion Traces/Donaueschingen 2009*, *Gratkowski-Brown-Winant Trio*, *Leo Records*, double CD, studio recordings of free improvisations (disc 1) and a live performance at the 2009 Donaueschingen Festival of free improvisations.
- 2011 *Iconicities*, Chris Brown, *New World Records*, CD of three compositions by Chris Brown for percussion and live computer processing, featuring William Winant, percussion, Chris Brown, piano and live electronics, and the William Winant Percussion Group.
- 2010 *Music in the Air*, Chris Brown and Pauline Oliveros, *Deep Listening*, CD. Chris Brown, piano and live computer processing (*SuperCollider*); Pauline Oliveros, accordion, conch, percussion and Expanded Instrument System (EIS); recorded live with quadraphonic spatialization of electronics, Berkeley, California, September 2008.
- 2009 *Ugnayan*, music by José Maceda for 20 radio stations, mixed and produced by Chris Brown with program notes by Ramón Santos and Chris Brown, *Tzadik*, CD.
- 2008 *Wake*, *Gratkowski-Brown-Winant*, *Red Toucan Records*, CD. Improvisations with Frank Gratkowski, clarinet, bass clarinet, alto sax; Chris Brown, piano and live electronics; William Winant, vibraphone and percussion. Recorded at Mills College, March 2007.
- 2008 *Boundary Layer*, *The Hub*, *Tzadik*, 3 CD box set anthology of new and previously released music by the network music band, including booklet with program notes, and reproduced historical documentation.
- 2007 *Drone and Melody*, music by José Maceda, *Tzadik*, CD. Performed by the University of the Philippines Contemporary Music Players, Ramón P. Santos, conductor and the Mills Performing Group, Steed Cowart, conductor. Produced by Chris Brown, recorded in Quezon City, Philippines and Oakland, California, 2007.
- 2007 *Cutter Heads*, Chris Brown and Fred Frith, *Intakt*, CD. Improvisations by Chris Brown, piano and electronics, and Fred Frith, electric and acoustic guitars. Recorded at Mills College, Oakland, California, 2006.

- 2005 *Rogue Wave*, Chris Brown, Tzadik Composer Series, CD. Compilation of six pieces for instruments and live electronics, with performances by the Abel-Steinberg-Winant Trio, Guillermo Galindo, DJ Eddie Def, Toyoji Tomita, William Winant, and Chris Brown.
- 2005 *Talking Drum*, Binaural recordings of soundscape recordings from around the world interspersed with network music installation/performances. Pogus Records, CD.
- 2003 *Electric Ascension*, Rova: Orkestrova, Atavistic, CD. The Rova Saxophone Quartet's interpretation of John Coltrane's *Ascension*, in a large ensemble that also includes Chris Brown, electronics, Nels Cline, electric guitar, Fred Frith, electric bass, Ikue Mori, drum machines and sampler, Don Robinson, drums, Otomo Yoshihide, turntables and electronics, Carla Kihlstedt, violin and effects, and Jenny Scheinman, violin.
- 2002 *Luminous Axis*, Wadada Leo Smith, Tzadik, CD. Chris Brown plays computer-driven electronics, with members of The HUB in compositions by Wadada Leo Smith, recorded at Mills College, 2002.
- 2002 *Branches*, Chris Brown, Ecstatic Peace, vinyl LP. Two compositions by Chris Brown *Branches: Invention#7*, and *Alternating Currents*, including performances by Chris Brown, William Winant, DJ Eddie Def, and Toyoji Tomita.
- 2000 *Hsu-Feng*, John Zorn, Tzadik, CD. Zorn's game piece, with performers including Fred Frith and John Schott, guitars; Chris Brown and David Slusser, electronics, Dave Lombardo and William Winant, drums and percussion performing John Zorn's music.
- 1999 *New Music: Piano Compositions by Henry Cowell*, New Albion Records, CD. Includes piano performances by Chris Brown, Sorrell Hayes, Sarah Cahill, and Joe Kubera. Recorded live at Hertz Hall, Berkeley, California, February, 1997.
- 1998 *Cellule 75*, Luc Ferarri, Tzadik, CD. *Cellule 75: Rhythmic Force and Forced Cadence* for Piano, Percussion and Magnetic Tape (1975) is performed by Chris Brown and William Winant. Recorded 1998 at Mills College, Oakland, directed and mixed by the composer.
- 1997 *John Coltrane's "Ascension"*, Rova Saxophone Quartet, Black Saint, CD. Chris Brown, piano with ensemble also including Glenn Spearman, Raphe Malik, Dave Douglas, Lisle Ellis, George Cremaschi, and Donald Robinson. Live concert recording, San Francisco, 1995.
- 1996 *The Fields*, Glenn Spearman Double Trio, Black Saint, CD. Glenn Spearman, tenor saxophone, Larry Ochs, tenor and soprano saxophones, Chris Brown, piano, Lisle Ellis, bass, Donald Robinson, drums, William Winant, drums and tympani.
- 1996 *Duets*, Chris Brown, Artifact Recordings, CD. Electroacoustic improvisations with Tom Nunn, William Winant, Ikue Mori, and Tom Djll.
- 1996 *The Secret Magritte*, Larry Ochs, Black Saint, CD. Chris Brown, piano performance in an ensemble including the Rova Saxophone Quartet, Marilyn Crispell, Barry Guy, Lisle Ellis, and William Winant.
- 1995 *Lava*, Chris Brown, Tzadik, CD. Binaurally processed studio recording of 60 minute piece for brass, percussion and four channels of live electronics.
- 1995 *Conductions#11*, Butch Morris, New World, CD. Chris Brown, performing on original electroacoustic instruments in a large ensemble of conducted improvisors.

- 1994 *Wreckin' Ball*, The HUB, Artifact Recordings, CD. Computer Network Music realized and performed by John Bischoff, Tim Perkis, Chris Brown, Tim Perkis, Phil Stone and Scot Gresham-Lancaster. Includes Chris Brown's piece *Wheelies*.
- 1994 *Smokehouse*, Glenn Spearman Double Trio, Black Saint, CD. Glenn Spearman, tenor saxophone, Larry Ochs, tenor and soprano saxophones, Chris Brown, piano, Ben Lindgren, bass, Donald Robinson, drums, William Winant, drums.
- 1993 *Mystery Project*, Glenn Spearman Double Trio, Black Saint, CD. Glenn Spearman, tenor saxophone, Larry Ochs, tenor and soprano saxophones, Chris Brown, piano, Ben Lindgren, bass, Donald Robinson, drums, William Winant, drums.
- 1992 *Hall of Mirrors*, Room, Music and Arts, CD. The title track is a composition for trio with interactive electronic processing by Chris Brown. Members of ROOM are Chris Brown, piano and electronic instruments, Larry Ochs, tenor and sopranino saxophones, William Winant, vibraphone and percussion.
- 1991 *The Virtuoso in the Computer Age I*: CDCM Computer Music Series, vol. 10, piano performance of *A Precipice in Time*, by David Rosenboom, Centaur Records, CD
- 1989 *The Hub: Computer Network Music*, composed and performed by John Bischoff, Tim Perkis, Chris Brown, Tim Perkis, Phil Stone and Scot Gresham-Lancaster. The HUB, Artifact Recordings, CD. Includes Chris Brown's piece *Rol'em*.
- 1989 *Snakecharmer* Chris Brown, Artifact Recordings, CD. Compositions by Chris Brown, performed by William Winant, percussion, Larry Ochs, saxophone, and Chris Brown, piano, electroacoustic instruments, voice, and electronics.
- 1989 *Room*, Room: Chris Brown, Larry Ochs, William Winant, Sound Aspects, CD.

Selected Performances:

- 2023 Sept *Nesting*, premiere of new work for solo piano and live electronics, CNMAT, University of California, Berkeley.
- 2023 Sept *Summing*, premiere performance by William Winant, Ptolemy Duple, and Chris Brown, live electronics, Harry Bernstein House Concert, Berkley, California.
- 2023 Sept *Branches*, trio performance with William Winant, percussion, Ben Davis, cello, and Chris Brown, piano and computer. SFEMF (San Francisco Electronic Music Festival), at The Lab, San Francisco, California.
- 2023 Sept *Caliph8*, live electronics trio improvisation with Arvin Nogueras, Zachary Watkins, and Chris Brown. Center for New Music, San Francisco.
- 2023 April *Sub Way Beats*, solo electronics premiere performance on *Last Call!* festival at Mills College, Oakland, California.
- 2023 Mar *Branches*, performance with Chris Brown, piano and computer, Ben Davis, cello, and Aram Shelton, saxophone, at the Hungry Brain, Chicago, Illinois.
- 2023 Jan *20th Century Piano Recital*, solo pieces by Arnold Schoenberg, Morton Feldman, Thelonius Monk, Henry Cowell, Ruth Crawford Seeger, and Chris Brown. sf Sound's Mosswood Concert Series, Oakland, California.
- 2022 Dec *Sound Pool*, quartet improvisation with multichannel spatialization at the Center for New Music, in collaboration with Zachary Watkins, Ava Kohboor and Ben Davis. San Francisco, California.
- 2022 Nov *Epimoric Quiverings*, premiere performance by William Winant of Chris Brown's composition for Lou Harrison's Ptolemy Duple instrument, on a concert by the San Francisco Contemporary Music Players at Osher Recital Hall, San Francisco.
- 2022 July *79 Passes of a Dumball*, performance collaboration with Johanna Poethig and Ava Kooohbor at the David Ireland House, San Francisco.
- 2022 April *Music in the Fault Line*, Mills College Festival, performances of electronic music by Robert Ashley, a solo performance in premiere of *RhythmiChrome* for keyboard and computer, and improvisations with an ensemble organized by Fred Frith and Zeena Parkins.
- 2020 Jan *Quartet Improvisations*: Jon Raskin, saxophones; Chris Brown, piano & electronics, Jason Hoopes, electric bass; Vladimir Tarasov, drums and percussion. Center for New Music, San Francisco.
- 2019 Oct *Some Center* premiere with the Chromelodia Project: Chris Brown, keyboard and computer-electronics; Theresa Wong, cello and voice; Kyle Bruckmann, oboe. Center for New Music, San Francisco, California.
- 2019 Sept *Six Primes* solo piano performance on retuned piano; and trio improvisations with Frank Gratkowski, saxophones and Matthias Bauer, bass, KM28, Berlin, Germany.
- 2019 April *Eclectic Improvisations*: Chris Brown, piano and electronics, Biggi Vinkeloe, saxophone and flute, Theresa Wong, cello and voice, Tim Perkis, electronics, Donald Robinson, drums; Center for New Music, San Francisco, California.
- 2019 March *Some Centre* excerpts premiere, performed by Theresa Wong, cello and voice, Kyle Bruckmann, oboe, and Chris Brown, keyboard, Pacific Pythagorean Music Festival, Contemporary Jewish Museum, San Francisco, California.
- 2019 March *Haegum Wave*, premiere, performed by Soo-yeon Lyuh, *haegum* and Chris Brown, live electronics; with a *Duo Improvisation* by James Fei, analog synthesis and Chris Brown, computer, Center for New Music, San Francisco, California.

- 2019 Jan *Music of Julius Eastman*, Chris Brown, Luciano Chessa, Regina Myers, and D. Riley Nicholson, pianos, Old First Concerts, San Francisco, California.
- 2018 Nov *Lost Cities Circuitry*, an evening with Johanna Poethig and Chris Brown, Atelier Siegele, Darmstadt, Germany.
- 2018 Nov *Duo Improvisation*, Chris Brown, piano and electronics, Frank Gratkowski, winds, Ausland, Berlin, Germany.
- 2018 Nov *The HUB*, GigaHertz Award performance, Zentrum für Kunst und Medien (ZKM), Karlsruhe, Germany.
- 2018 Oct *Branches*, Chris Brown, keyboard and interactive computer, The Laundry, San Francisco, California.
- 2018 Oct *Flow in Place*, opening of 8-channel commissioned sound installation, Down town Berkeley BART Station Plaza, Berkeley, California.
- 2018 Oct *Retrospectacles, Fo'c'sle* double-CD release concert, Chris Brown, piano and interactive computer, Maybeck Studio, Berkeley, California.
- 2018 June *Quartet Improvisations*, Chris Brown, piano and electronics; Jon Raskin, saxo phones, Jason Hoopes, electric bass, Vladimir Tarasov, drums; Center for New Music, San Francisco, California.
- 2017 Nov *The Thorn and Snakecharmer*, performed by William Winant, percussion, James Fei, saxophone, and Chris Brown, live electronics; part of Music from the Mills Center for Contemporary Music, curated by Chris Brown, De Young Museum, San Francisco, California.
- 2017 Nov *Retrospectacles and Snakecharmer*, Chris Brown, solo piano and electronics, Aram Shelton, saxophone, Koncertkirken, Copenhagen, Denmark
- 2017 Nov *Snakecharmer, KnowNothing*, and Improvisations, Chris Brown, live electronics, Salim Javaid, saxophone, Marlies Debacker, clavinet, Carl Ludwig Hübsch, tuba; Künstlerhaus, Soest, Germany
- 2017 Nov *Retrospectacles and Snakecharmer* Chris Brown, piano and live electronics, Salim Javaid, saxophone, and Marlies Debacker, piano, The Loft, Cologne, Germany.
- 2017 July *Six Primes* Chris Brown, solo piano, Wayward Series, Good Shepherd Chapel, Seattle, Washington.
- 2017 June *Chris Brown Residency at The Stone* Six concerts of music by Chris Brown, including the New York premiere of *Six Primes*, performed by Chris Brown with performed by five different trios including Nate Wooley, trumpet; Zeena Parkins, harp; Theresa Wong, cello; Kyle Bruckmann, oboe; Miguel Frasconi, glass instruments and electronics; John McCowen, clarinets, William Winant, percussion; and John Zorn, saxophone, The Stone, New York City, New York.
- 2017 April *Two Left Hands, Hall of Mirrors*, and *The Thorn*, compositions by Chris Brown performed by Van-Ahn Vo, *dan-tranh* and *dan-bao*, Nava Dunkelman, percussion and Chris Brown, keyboard and live electronics, Resonance Series, Exploratorium, San Francisco, California.
- 2016 Nov *First Light*, premiere performance, performed by Kyle Bruckmann, oboe and Theresa Wong, cello and voice; The Lab, San Francisco, California.
- 2016 June *Branches*, Chris Brown, piano and live electronics; and trio improvisations with Jakob Pek and Nava Dunkelman, Center for New Music, , San Francisco.
- 2016 June *Branches*, Chris Brown, piano and live electronics, Elastic Arts, Chicago, Illinois.
- 2016 Feb *Obelisk*, premiere performance, Chris Brown, piano and electronics, Theresa Wong, cello, Kyle Bruckmann, oboe and electronics, ProArts Gallery, Oakland, California.
- 2016 Feb *The HUB*, computer network music by Mark Trayle, In Memory of Mark Trayle, Littlefield Hall, Mills College, Oakland.
- 2015 Oct./Nov. *Music of the Lost Cities*, by Johanna Poethig and Chris Brown, screenings at at Spectrum, New York City, NY and the East Bay Media Center, Berkeley, CA. a
- 2015 Sept. *Chris Brown and James Fei*, duo live electronics improvisation, MillsNow Concert Series, Littlefield Hall, Mills College, Oakland, California.

- 2015 April *Two Left Hands*, composition by Chris Brown, performed by Van-Anh Vo, *dan-tranh* and *dan-bao*, Chris Brown, live electronics, *Sound Stuff Festival*, Hanoi, Vietnam.
- 2014 Nov. *Music of the Lost Cities*, video by Johanna Poethig and music by Chris Brown, premiere screening. Manila, Philippines, as part of *Project Glocal: Transient Manila*, with participating artists from Southeast Asia and the Philippines, curated by Dayang Yraola.
- 2014 Nov. *Branches*, Chris Brown, solo piano and electronics lecture/performance, IAMAS International Academy of Media Arts, Ogaki, Japan.
- 2014 Nov. *Network Music Performance*, Super Deluxe, Tokyo, Japan, including a networked collaboration with Tadashi Usami and faculty from Tama University.
- 2014 Nov. *Duo Improvisations* with Tim Hodgkinson, Center for New Music, San Francisco, California.
- 2014 Sept. *Vivo 2014 International Symposium of Music and Code*, Centro Multimedia, Centro Nacional de los Artes, Mexico City, Mexico. Workshop on network music based on *Know-Nothing Network Music*; lecture titled *Snakecharmer* on feedback and electronic music; live solo performance of *Petals* at Auditorio Murray Schafer at Fonoteca Nacional.
- 2014 July *When Rereading Arrangement*, collaborative performance with artist Mike Arcega, Asian Art Museum, San Francisco, California.
- 2014 June *Two Premieres by Chris Brown: Six Primes*, a suite for piano tuned in 13-limit just intonation, performed by Chris Brown, piano; and *Ragamala Chiaroscuro II*, for three wind instruments in just intonation, performed by members of SFSound, Center for New Music, San Francisco.
- 2014 May *Falling Edge - Duo with Mark Trayle*, Duende, Oakland, California.
- 2014 April *The HUB*, Center for New Music, San Francisco, California.
- 2014 March *Gangsa*, performance at Society for Electro-Acoustic Music (SEAMUS) National Conference, Wesleyan University, Connecticut.
- 2014 March *Trio improvisations* with Chris Brown, piano and interactive computer, Nate Wooley, trumpet, Suzanne Thorpe, flute and electronics. Issue Project Room, Brooklyn, New York.
- 2013 May *Branches*, piano & computer solo performance, SuperCollider Symposium, Univ. of Colorado, Boulder, CO.
- 2013 February *The HUB*, Network Music Festival, Birmingham, England.
- 2012 October *Mills Performing Group Cage/Oliveros*, Chris Brown, piano in John Cage's *16 Dances*; and performed live electronics in Pauline Oliveros' *Nikola Tesla: Cosmic Engineer*
- 2012 Sept. *Electric Ascension*, live electronics performance with OrkestROVA, Guelph Jazz Festival, Guelph, Canada, with surround sound concert film production released in 2014.
- 2012 Aug. *The Stone*, solo piano and computer performance, New York City.
- 2012 Apr. *April in Santa Cruz*, performance of *Gangsa*, Univ. of California/Santa Cruz.
- 2012 Feb. *Still Lives*, piano and electronics solo performance of composition by Alvin Lucier, Littlefield Concert Hall, Mills College, Oakland.
- 2012 Feb. *Music by Julius Eastman*, performance as part of multiple piano ensemble, Berkeley Art Museum, Berkeley, California.
- 2011 Sept. *Credo in Us*, piano performance in John Cage's composition accompanying dance by Molisa Fenley, Mills College Art Museum, Oakland.

- 2010 Nov. *Sonorities Festival*, Queen's University, Belfast, Northern Ireland, *Branches*, solo piano and computer performance, a concert with The HUB, and improvisations in a large ensemble conducted by Evan Parker.
- 2010 Aug. *Cobra*, laptop performance with large ensemble conducted by John Zorn, Yoshi's Jazz Club in San Francisco.
- 2010 Feb. *Gangsa* premiere at the *Ugnayan Festival*, University of the Philippines, Diliman, Quezon City, Philippines.
- 2009 Oct. *Gratkowski-Brown-Winant Trio*, performance and live SWR radio broadcast, Donaueschingen Festival, Germany. Subsequent tour including Ghent (Belgium), Cologne and Berlin (Germany), Nickelsdorf, Ulrichsberg, and Graz (Austria).
- 2009 Aug. *Electric Ascension*, with OrkestROVA, Saalfelden Jazz Festival, Austria.
- 2009 Aug. *Branches*, piano and computer solo, Yerba Buena Center for the Arts, San Francisco.
- 2009 July *Rogue Wave*, performance with Guillermo Galindo, Yerba Buena Center for the Arts (YBCA) Summer Festival, San Francisco.
- 2009 Mar. *Vav*, sound installation and duet performance with Frank Gratkowski, at *Diapason*, sound art gallery in Brooklyn, New York.
- 2009 Mar. *Arcade*, premiere performance by the Arditti Quartet, Littlefield Concert Hall Renovation Celebration, Mills College, Oakland.
- 2009 Feb. *Imaginary Birds*, premiere performance on Center for Contemporary Music concert, Littlefield Concert Hall Renovation Celebration, Mills College, Oakland.
- 2008 June *Vav*, sound installation with The HUB, Contemporary Jewish Museum, San Francisco, installed in the *Yud* space between June 8, 2007-Jan. 15, 2008.
- 2008 April **The HUB**, CEAIT Festival, REDCAT Theatre, Los Angeles, April. 26, 2007.
- 2007 Oct.-Nov. **Three CCM Retrospective Concerts**: REDCAT Theatre, Los Angeles; Lisser Theater, Mills College, Oakland; and Interpretations Series at Roulette, New York City, New York.
- 2007 Sept. **The HUB**, Music in the Global Village Conference, produced by the Hungarian Computer Music Foundation, Budapest, Hungary.
- 2007 May *Stupas* European premiere in concerts in Seville and Barcelona, Spain; Chris Brown, piano and electronics, William Winant, percussion also including performances of Luc Ferrari's *Cellule 75*.
- 2007 Jan. *Electric Ascension*, OrkestRova with Chris Brown, laptop computer, Sons d'Hiver Jazz Festival, Paris, France.
- 2006 Oct./Nov. **The HUB**, U.S. East Coast tour including performances at NYU in New York City and Wesleyan University, Middletown, Connecticut; also, lecture demonstration at Columbia University and residency at Wesleyan University.
- 2006 July *Transmission Signal Hill*, Chris Brown and Guillermo Galindo, live radio performance and installation, Sound Symposium Festival, St. John's, Newfoundland, Canada.
- 2006 June **The HUB**, European tour, performances in Cuneo and Padua, Italy; Paris, France as part of the NIME conference hosted by IRCAM; and in Cologne, Germany.
- 2005 Nov **The HUB**, European tour, including: Club Paradox, Tilburg, Netherlands; and Academy of Media Arts, Cologne, Open Systems Festival, Dortmund, Akademie of Fine Arts, Muenster; and Metropolis Cinema, Hamburg, Germany.

- 2005 Nov. *Music Unlimited Festival*, Wels, Austria, Chris Brown on piano, electronics, and laptop computer. Collaborations with OrkestRova, and Larry Ochs, saxophone; Natsuki Tamura, trumpet; Le Quan Ninh, percussion.
- 2005 Sept. *Frischezelle Festival*, Stadtgarten, Cologne, Germany. Collaborative performance on piano and electronics with Juan Orozco and Luis Negron, live-video.
- 2005 Sept. *TeleSon*, premiere of commissioned work for two *ReacTables* connected via the internet for the opening ICMC 2005, Barcelona, Spain. The second *reacTable* was located in Linz, Austria as part of Ars Electronica 2005.
- 2005 Aug. *Cooler in the Shade*, piano and electronics duo with Tim Perkis, New York.
- 2005 Aug. *The HUB*, SF Electronic Music Festival, San Francisco.
- 2005 June *The HUB*, Tesla, Podewil, Berlin, Germany.
- 2005 March *Electric Ascension*, laptop performance with OrkestRova, SF Jazz Festival, San Francisco, California.
- 2005 Dec. *Roulette*, piano and live electronics solo performance, Roulette, New York City.
- 2004 Nov. *The HUB*. Dutch Electronic Art Festival ("DEAF"), Rotterdam, Netherlands.
- 2004 Sept. *Natto Quartet*, with Philip Gelb, shakuhachi, Tim Perkis, electronics, Shoko Hikage, koto, and Chris Brown, piano. Creative Music Guild, Community Music Center Portland, Oregon.
- 2004 Aug. *Shuffle* premiere, Chris Brown, piano and interactive computer, Sismo Festival, Sala Nezahualcoyotl, Mexico City, Mexico.
- 2004 May *Transmission Mission*, an audience-interactive, radio performance by Chris Brown and Guillermo Galindo with poets from the San Francisco Mission district; Yerba Buena Gardens Festival, San Francisco.
- 2003 June *Tonic*. Chris Brown, piano & electronics improvisation, with Ikue Mori, electronics and DJ Olive, New York City, New York.
- 2003 Feb. *Electric Ascension* Chris Brown, laptop computer performance with OrkestRova of John Coltrane's composition, Yerba Buena Center for the Arts, San Francisco.
- 2002 May *Transmission Naranja* live radio transmissions by Chris Brown and Guillermo Galindo, Bienal de Radio, Mexico City, Mexico.
- 2001 October *Networkshop*, 15. Dresdener Tage der zeitgenoessischen Musik, Festspielhaus Hellerau, Dresden, Germany.
- 2001 October *Net.Night - Musikmachen im Netzwerk*, produced by Freunde Guter Musik, Staatsbank, Berlin. Chris Brown, computer network music workshop performances.
- 2001 May *Fuzzybunny*, electronic improvisation trio with Chris Brown, Tim Perkis, and Scot Gresham-Lancaster, San Francisco Electronic Music Festival, San Francisco, California.
- 2001 March *Branches* premiere performance, with William Winant and DJ Eddie Def, Other Minds Festival VII, San Francisco.
- 2001 Feb. *Inventions #4&5*, Talking Drum installation performances, Indeterminacy, Intermedia, and Improvisation Series, Wesleyan University, Middletown, Connecticut.
- 2000 Aug. *Invention #6*, workshop performance at the International Computer Music Conference (ICMC), Berlin, Germany.
- 2000 Sept. *Simply Ballroom*, solo computer music performance, Center for Research in Computer Music (CCRMA), Stanford University, Palo Alto.
- 1999 Nov. *Eternal Network Music*, computer network music on the internet linking 14 live performers at six locations (Mills College, California Institute of the Arts, Princeton University, Renssallaer Polytechnic Institute, Stetson University, and the Zen-

- trum für Kunst und Medientechnologie (ZKM) in Karlsruhe Germany). Part of the *net_condition - Art in the Online Universe* exhibition produced by ZKM, Karlsruhe, Germany.
- 1999 Sept.** *Beyond 440 Hertz*, a concert of music with experimental instruments with David Poyourow, California Institute of the Arts, Los Angeles, produced by Villa Aurora and the Goethe-Institute Los Angeles.
- 1999 June** *Computer Network Music*, live electronic music performance with Mike Berry, The Outpost, Albuquerque, New Mexico.
- 1999 May** *Talking Drum*, Installation/Performance with ensemble including DJ Eddie Def at Battery Wallace, Headlands Center for the Arts, Sausalito, California.
- 1999 Mar/Apr** *Talking Drum* collaborative performances, Electronic Arts and Performance Series, Rensselaer Polytechnic University, New York; University of Illinois/Campaign-Urbana; Oberlin College; and Grinnell College, Iowa.
- 1999 Feb-Mar** *Old and New Soundpieces from the Bay Area*, Chris Brown, solo piano performance of music by Henry Cowell, Maggi Payne, Gordon Mumma, John Bischoff, Cheryl Leonard, Glenn Spearman, and Chris Brown. Performances venues included Spruce St. Forum, San Diego, North River Music Series at Greenwich House in NYC, Albert Shahinian Gallery, Poughkeepsie, NY, and Mills College Songlines Series.
- 1999 Feb** *Network Music* residency and concert at California Institute of the Arts, Valencia.
- 1999 Jan** *Waves* performances in Tampa, Deland, and Orlando, Florida; Chris Brown, live electronics and Phil Gelb, *shakuhachi* at Salvador Dali Museum, Tampa, and a concert and network music workshop at Stetson University.
- 1998 Sept** *Hsu-Feng* by John Zorn, Chris Brown, electronics in sextet of improvisors, Slim's, San Francisco, California.
- 1998 Aug** *Trio Improvisation* Chris Brown, live electronics with Fred Lonborg-Holm, cello and Jim O'Rourke, electronic, Empty Bottle, Chicago, Illinois.
- 1998 July** *Waves*, with Phil Gelb, Shakuhachi and Electronics concert at the World Shakuhachi Festival 1998, Boulder, Colorado.
- 1998 Mar.** *West Coast*, PRIME Foundation, Groningen, Holland. Chris Brown, solo, duo with Tom Nunn, and *Talking Drum* collaborative installation.
- 1997 Dec.** **Chris Brown** electronics solo, Taller Cultural, Santiago, Cuba.
- 1997 Dec.** *Inventions*, solo performance, Roulette Intermedium, New York City.
- 1997 Nov.** *Points of Presence* with The HUB, a live performance linking musicians at Mills College, California Institute for the Arts, and Arizona State University via the internet.
- 1997 Oct.** **Glenn Spearman Double Trio**, Chris Brown, piano, San Francisco Jazz Festival, San Francisco, California.
- 1997 June** *Lava*, European premiere, Stadtklang in Skulptur.Projekte 97, Muenster, Germany.
- 1997 March** *The HUB* In Residence, Arts in the Village - A Celebration of Arts and Technology at Georgia Tech, Georgia Center for Advanced Telecommunications Technology (GCATT) Auditorium Georgia Tech, Atlanta, Georgia.
- 1997 Feb** *Ascension*, piano performance with Rova Saxophone Quartet, Bergamo Jazz Festival, Bergamo, Italy.
- 1997 Feb** *Henry Cowell Piano Festival*, solo piano performance, Cal Performances, Berkeley, California.

- 1996 Nov *Talking Drum - Mouth Full of Fire* performance installation series for Market Street Art-in-Transit, a program of the San Francisco Art Commission, in collaboration with Inner City Public Art Projects for Youth.
- 1996 Jan *Glenn Spearman Double Trio*, piano performance, WDR concert recording, Cologne, Germany.
- 1995 Dec *John Coltrane's Ascension*, Chris Brown piano, with the Rova Saxophone Quartet and a large ensemble, Great American Music Hall, San Francisco.
- 1995 Nov *Live Electronic Music of John Cage*, Mills College John Cage Festival/Symposium, Oakland, California.
- 1995 Sept. *Talking Drum*, premiere performance, ISEA95, McGill University, Montreal, Canada.
- 1995 Sept *Glenn Spearman Double Trio*, Chris Brown, piano, Monterey Jazz Festival, Monterey, California.
- 1995 Sept. *Music by Henry Cowell*, solo piano performance, Spirit of the Dunes Festival, San Luis Obispo, California.
- 1995 July *The Secret Magritte* and *Glenn Spearman Double Trio*, Chris Brown, piano, DuMaurier International Jazz Festival, Vancouver, Canada.
- 1995 June *Laboratorio Nacional de Musica Electroacoustica*, Chris Brown, piano and electronics, Havana, Cuba.
- 1995 May *Skywriters*, installation/performance, South of Market Cultural Center, San Francisco.
- 1995 April *The Road to Ubud* by James Tenney, Chris Brown, prepared piano, April in Santa Cruz, Univ. of California/Santa Cruz.
- 1994 Oct *Glenn Spearman Double Trio*, Chris Brown, piano, European Tour: Cologne, Munich, Zürich, Basel.
- 1994 May *Glenn Spearman Double Trio*, Chris Brown, piano, Festival International Musique Actuelle Victoriaville, Victoriaville, Quebec, Canada.
- 1994 April *Flies* by Chris Brown, premiere by Abel-Steinberg-Winant Trio, CAL Performances, University of California, Berkeley.
- 1994 March *James Tenney Retrospective*, curating and piano performance, Mills College, Oakland.
- 1994 March *Tenebrae* music-ritual premiere, Rockefeller Memorial Chapel, Univ. of Chicago.
- 1994 Oct. *Room, Interplay*, Center for the Arts at Yerba Buena Gardens, San Francisco.
- 1993 Sept. *Room-Rova*, Antwerpen 93, Antwerp, Belgium.
- 1993 Sept. *Glenn Spearman Double Trio*, Chris Brown, piano, Monterey Jazz Festival, Monterey, California.
- 1993 May *The HUB*, Moers Jazz Festival, Moers, Germany.
- 1993 May *The HUB* and *Music from the CCM/Mills*, USArts American Art in 20th Century, Akademie der Künste, Berlin, Germany.
- 1992 Oct. *The HUB*, International Computer Music Conference (ICMC), San Jose.
- 1992 Oct. *Room*, Danmarks Radio, Copenhagen, Denmark.
- 1992 Aug. *Alternating Currents*, Cabrillo Festival Orchestra, Santa Cruz, California.
- 1992 July *Glenn Spearman Double Trio*, Konfrontationen Festival, Nickelsdorf, Austria.
- 1992 May *The HUB*, SoundWork, Seattle.
- 1992 March *The HUB*, Royal Conservatory, Hague ; Free University, Brussels; Logos, Ghent; Apollohuis, Eindhoven.
- 1992 March *Tage für Live-Elektronische Musik*, Chris Brown, solo piano and electronics performance, Basel, Switzerland.
- 1991 Nov. *Obscure* intermedia performance gallery, Chris Brown solo electronic

- performance, Quebec, Canada.
- 1991 July *Room*, Konfrontationen Festival, Nickelsdorf, Austria.
- 1991 May *Room*, Rheinische Musik Fest Electronic Music Series, WDR West German Radio Studios, Cologne, Germany.
- 1991 March *Cal Arts Festival*, solo piano and electronics performance,, Valencia, California.
- 1990 Dec. *Experimental Intermedia* Chris Brown, electronics and David Poyourow, bass, Composer's Forum, New York City, New York.
- 1990 Nov. *Experimental Music Test*, Chris Brown solo electronics performance, Roulette, New York City, New York.
- 1990 Nov. *Imaginary Landscapes Series* Chris Brown featured composer, Relaché new music ensemble, Pennsylvania Academy of Fine Arts. Philadelphia.
- 1990 March *Room*, Taktlos Festival in Bern, Basel, and Zurich, Switzerland.
- 1990 March *Room*, Sala dei Giganti al Liviano, Padova, Italy.
- 1989 Nov. *TonArt* contemporary music series, Chris Brown, electronics dan William Winant, percussion, Kunstmuseum, Bern, Switzerland produced for broadcast on BRD Swiss Radio.
- 1989 Nov. *The HUB*, New Music America Festival at Experimental Intermedia, NYC,NY.
- 1989 June *Quartet with Shadows* premiere of piece commissioned and performed by Rova Saxophone Quartet, Theatre Artaud, San Francisco.
- 1989 May *Room*, Moers New Jazz Festival, Moers, Germany.
- 1988 Nov. *The HUB*, L.A.C.E. , Los Angeles.
- 1988 Nov. *The HUB*, New Langton Arts, San Francisco.
- 1988 June Chris Brown solo piano and live electronics performance, International Festival of Electronic Music, Bourges, France.
- 1988 April *Room*, Newport Harbor Art Museum, Newport Beach, California
- 1988 April *Room*, April in Santa Cruz, Univ. of California/Santa Cruz.
- 1988 March *New Langton Arts*, Chris Brown solo concert, San Francisco.
- 1987 Nov. *Room*, Stedelijk Museum for VPRO Dutch Radio, Amsterdam.
- 1987 Nov. *Room*, Stadtgarten, Koelner Gesellschaft fur Neuer Musik, Cologne.
- 1987 Sept. *Duet* Chris Brown, live electronics, William Winant, percussion, Contemporary Chamber Players, Hertz Hall, University of California/Berkeley.
- 1987 June *The HUB*, commissioned concert for two groups in separate spaces coordinated electronically by modem, Experimental Intermedia and The Clocktower, New York City.
- 1987 Jan. *Iceberg* and *Alternating Currents*, duo with William Winant, percussion, STEIM (Studio for Electro-Instrumental Music), Sonesta Koepelsaal, Amsterdam, Netherlands.
- 1986 Dec. *Room*, Soundwork, Seattle, WA
- 1986 Dec. *Room*, The Western Front, Vancouver, Canada.
- 1986 Oct. *Chris Brown "gazamba" electric percussion piano and interactive electronics*, STEIM Festival and Symposium of Live Electronic Music, Amsterdam, Netherlands.
- 1986 April Chris Brown, solo piano and computer, New Music America Festival, Houston.
- 1985 Nov. *Iceberg*, Chris Brown, live electronics with William Winant, percussion, New Music America Festival, Los Angeles.
- 1985 Dec. *Iceberg*, Chris Brown, live electronics, William Winant, percussion, San Francisco Contemporary Music Players, San Francisco Museum of Modern Art.
- 1984 July *Alternating Currents*, New Music America Festival, Hartford, Connecticut.
- 1983 *Alternating Currents* premiere , Berkeley Symphony Orchestra, Berkeley.