Center for Computer Research in Music and Acoustics
Department of Music
Stanford University
Stanford, California 94305

# Works realized at CCRMA 1968 to present

AUSTIN, Larry - Caritas, in two versions, 9-channel tape for installation, 90 minutes and
    stereo tape concert version; 20 minutes, 1969. [created during the first summer workshop -
    PDP10, Music V]

AUSTIN, Larry - Transmission Two:  The Great Excursion, for chorus, radio drum, celletto and
    tape, 107 minutes, 1990. [Recorded material, Xavier Serra's SANSY program, LM2]

BERGER, Jonathan - To the Lost History of Hope, quad tape, 8 min. 1981.

BERGER, Jonathan - A Pocketful of Posies, quad tape, 1983. 2nd Prize, Concours de Bourges 1984.

BERGER, Jonathan - Diptych, stereo tape, mezzo soprano and string quartet, 12 min. 1984.

BERGER, Jonathan - Island of Tears, quad tape, 9 min. 1985.

BERGER, Jonathan - Meteora, 9 min. 1987. 2nd Prize, Concours de Bourges, 1987.

BERGER, Jonathan - Chalice, 1988.

BOUGHTON, Rachel -- Pigeon Fantasies, movie sound track, 1985

BRANT, (BEZAR) Emily - Tuneless Circles, for soprano and tape, 9 min. 1988

BRESNICK, Martin - PCOMP, stereo tape, 1 min, 1968. [PDP6, MUSICIV]
    Performed at America House, Vienna, Spring 1970.

BRESNICK, Martin - Pour, for sound and recorded voice, 7 min, 1969.
    Score for documentary film "Pour" by Kathy Hanson. [PDP6, SCORE]
    Concert version performed at America House, Vienna, and
    the 2nd International Tribune of Composers in Prague, Spring 1970.
    Film shown in performances in various cities in the U.S.

BRESNICK, Martin - Fragment (for John), stereo tape, 5 min, 1970. [PDP6, SCORE]

BRESNICK, Martin - Musica, for 9 live instruments, 9 to 22 minutes depending on choices by the
    computer program,  1972. [PDP10, Fortran]
    (DMA composition - copy of score and computer program are in the Stanford Music Library.)
    Composedfor traditional instruments using program written in Fortran to structure the 10
    movements of the piece.  Program decides on the structure at a formal level (the structure regarding
    the length and order of the movements), the details of  the instrumentation, and the
    internal structure of each movement.
    Performed by the San Francisco Symphony, conducted by Niklaus Wyss, fall 1972.

CAREY, JoAnne D. - gamalan R-gong gong, tape, 1984. [PLA, Samsonbox]

CAREY, JoAnne D. - Cloud's Lament, stereo tape, 11 min, 1988. [PLA, Samsonbox]

CAREY, Joanne D. - Intonations of the Wind, 15 min, 1990. [PLA, Samsonbox]

CARY, Tristram - Nonet, quad tape. 1980. [SCORE, SAMBOX]

CALZON, Miguel - SLant, for computer-generated tape, 3 min. 1990 [NeXT]

CHAFE, Chris - Marienbad, stereo tape and ensemble (Vn,Pc,Tb), 17 min. 1980.
    [PDP-10, SAM, SAIL]

CHAFE, Chris - Solera, stereo tape, 12.5 min. 1981. 2nd Prize, Concours de Bourges 1982.
    [PLA, SAM, F2]

CHAFE, Chris - In a Word, for cello and sound. 1982. Honorable Mention, Concours de Bourges 1984.
    [PLA,SAM,F2]

CHAFE, Chris - Neriage, stereo tape, 1983.
    [PLA,SAM,F4]

CHAFE, Chris - Quadro, for piano trio and tape, 17', 1986.
    [PLA,SAM,F4]

CHAFE, Chris - Virga, for harp and electronic harp synthesis, 1987.
    [DATON,MIDI SCORE in Max's Language]

CHAFE, Chris - Backtrace, for celletto and electronics, 1988.
    [celletto, MIDI LISP]

CHAFE, Chris - Free Motion, for tape and string soloist, 14 min., 1990.
    [MIDI-LISP,STUDIO 440 sampler,DMP11, DYAXIS]

CHAFE, Chris - Vanishing Point, stereo tape, 1989.
    [MIDI-LISP, STUDIO 440 sampler, DMP-11, DYAXIS]

CHAFE, Chris - Remote Control, for MIDI trio, 10 min, 1991.
    [SY77, Guiltar Controller, Celletto]
CHAFE, Chris - El Zorro, for brass soloist and live electronics, 12 min, 1991.
    also version for shells,
    [NeXT, Proteus 2 or Korg wavestation A/D, Lightening]

CHAFE, Chris & MORRILL, Dexter - Improvisation, for celletto, trumpet
        and electronics, 1988.
    [MIDI-LISP, Celletto, MIDI-Trumpet, MIDI-LIVE, DMP11]

CHOWNING, John - Sabelithe, for sound and 3 performers, 1966. (the first
    Stanford computer piece, never performed - the AI lab computer was
    disconnected and moved just before it was completed)

CHOWNING, John - Sabelithe II, quad tape, 6 min. 1971.

CHOWNING, John - Turenas, quad tape, 10 min. 1972.

CHOWNING, John - Stria, quad tape, 16 min. 1977. Commissioned
by IRCAM for presentation in Luciano Berio's exhibition of electronic music.
Premiere: IRCAM, Paris, Oct. 1977.

CHOWNING, John - Phone, quad tape, 14 min. 1981

CHOWNING, John - Kaleidoscope, for 2 pianists, keyboards, and computer system,
in progress

CHRISTENSEN, Chris - Untitled, computer generated quad tape, 1984.

COWELL/SMITH - Rhythmicana, for orchestra with stereo tape. Computer
realization by Leland Smith of Cowell's part for Rhythmicon (an early electronic
instrument now in the Smithsonian Institution). 1971.

DAL FARRA, Ricardo - KARMA, computer generated quad tape, 6 min, 1986.

DAUTRICOURT, Jean-Pierre - SPELLS, for quad tape, 12 min. 1983.

DELACRUZ, Zulema - So Far, So Near, computer generated tape, 7 min. 1987.
has won a prize in Spain.

DEMPSTER, Stuart - Standing Waves, for trombone with quad tape. 1978.

DEVEREAUX, Kent - Study #3, 1984.
(has been performed in Chicago, New York and Seattle) [Foonly, Sambox, PLA, files KLANG1,
KLANG2, KLANG3, KLANG4]

DEVEREAUX, Kent - Study #3 for Septet, 1989.
(based on Study $3)

EAGLE, David - Polaris, for Piano and tape, 10 min, 1989.

ELIAS, Isidore -- Faure's Elegy, Pachelbel's Canon, Gluck's Alcestes

ERICKSON/GREY - Loops, stereo tape. 1974.

FIELDS, Matthew - Walk, for quad tape, 20 min. 1986.

FULTON, Douglas - Mr. Normal and the Details, tape, 1984.

FULTON, Douglas - Red Cup and Rat (What's Wrong With This Picture?), tape, 1984.

FULTON, Douglas - You'll Never Walk Again, tape, 6 min, 1985.

FULTON, Douglas - Bowling for Blood, tape, 6 min, 1985.

FULTON, Douglas - Tip the Velvet, tape, 7 min, 1987.

GOEBEL, Johannes - Tract, quad tape. 1980

GOEBEL, Johannes - Rondo for Mother Goose and There is no Rose of such Virtue as is the
Rose that Bears Jesu, quad tape. 7 min. 1982

GOEBEL, Johannes - Riley Glasses Reich, 1982. to accompany environmental installation

GOEBEL, Johannes - Passage ( - nur ein einziger Akt - ) , for micro-tonal mallets, speakers and computer-generated tape, 50 min, 1982-1986.

GOEBEL, Johannes -- Of Crossing the River. 18 min. 1987-88

GREY, John - Loops, a computer realization of Robert Erickson's "Loops", 1974.

HARVEY, Robert -- piece for piano and tape, 1978(?)

HOLLAND, Anthony - Suite, computer-generated quad tape, 1986.

HOLLAND, Anthony - Die Heilegenstadt Testament, 1989.

HALLSTROM, Jonathan  - Telos, for solo piano and computer generated sounds, 1987.

HONING, Henkjan --Parti di Camera, 4-channel tape for performance in space
        with dimensions 4 x 3 x 2.3 meters, 5 mins., 1984.

JAFFE< David - Terra Non Firma, for four cellos and radio baton
            (in progress)
Performance/Composition: Mathews Conductor program,
        EmaxII sampler (also made version of Mathews
        program that runs on NeXT)

JAFFE, David - American Miniatures, for computer-processed voices, drums and strings
        11 min. 1992.  Commissioned for an original film by Lynn Kirby.
        Composition: NeXT computer, Music Kit mixsounds
        software, phase vocoder software from UCSD and
        Chris Penrose, processed recordings done in
        CCRMA studio

JAFFE, David - Wildlife for interactive performance
Composition/Performance: NeXT computer, Music Kit
        software, MacIIci, Sample Cell Card, Yamaha
        TG77, Max software, Mathews/Boie Radio Drum,
        Zeta violin, Elka foot controller, 8 channel
        mixer, reverberator

JAFFE, David - Grass, for female chorus and stereo tape, 1987. 8 min.
        Commissioned by The Skidmore College Choir.

[Composed using Pla, the Samson Box, and instruments written by the composer andJulius Smith]
        Performance: 2-channel tape + performers

JAFFE, David - The Fishing Trip, for male chorus and stereo tape, 1986. 7 min.
        Commissioned by Chanticleer.

[Composed using Pla, the Samson Box, PCM-F1 tape mixing of recorded and synthesized sound, using instruments by
        the composer and Xavier Serra]
        Performance: 2-channel tape + performers

JAFFE, David - Bristlecone Concerto #2, for solo violin, solo mandolin, flute, oboe, clarinet, bassoon, trumpet, trombone, horn, harp, piano, percussion and computer-generated stereo tape, 1984. 18 min.

[Composed using Pla, the Samson Box, PCM-F1 tape mixing of recorded and synthesized sound, using instruments by the composer, Bill Schottstaedt, and Mike Mcnabb]
Performance: 2-channel tape + performers

JAFFE, David - Bristlecone Concerto #3, for mandolin, percussion and stereo tape, 1984. 10 min. 1984

[Same as Bristlecone #2]

JAFFE, David - Telegram to the President, for string quartet and stereo tape. 5 min. 1985. Commissioned by the Kronos Quartet.

[Composed using Pla, the Samson Box, with instruments by the composer, and soundfile mixing using MX (Mcnabb).]
Performance: 2-channel tape + performers

JAFFE, David - Impossible Animals, for chorus and quad tape. 10 min. 1986. Commissioned by the Hamilton College Choir.

[Composed using Chant and Pla with special extensions by the composer to write Chant files. To analyze the bird sound, used PARSHL by Julius Smith. To convert my own voice into input for Chant, used FLTDES, a filter design program by Julius Smith. Also used a program called "SEG", written by the composer, to transform raw data from PARSHL. Mixed with MX (Mcnabb)]
Performance: 4-channel tape + performers
Also version for 2-channel tape + performers

JAFFE, David - May All Your Children Be Acrobats, for mezzo-soprano, eight guitars, and quad tape. ca 16 min. 1981.

[Composed using Pla, the Samson Box, with instruments by the composer and Bill Schottstaedt. Also used a program called ENV written by the composer. Performance: stereo tape + performers]

JAFFE, David - Silicon Valley Breakdown, for quad tape, 20 min. 1982 2nd Prize, NewComp contest 1983.

[Composed using Pla and the Samson Box, using complex specialized instruments written by the composer . Also used EDSAM extensively to debug.
Performance: 4-channel tape. Also version for CD]

JAFFE, David - A Sleeping Circus Animal's Perspective, quad tape. 10 min. 1980.

[Composition: SCORE, mBox, Samson box, and the 1979 Summer Class instruments.
Performance: 4-channel tape]

JOHNSON, Geir - Radar, 18 min., 1989.

KARPEN, Richard - Eclipse, for computer generated tape (two or four channels), 20 min, 1986. Awarded First Prize at the NEWCOMP International Competition, 1986; Honorable Mention at the Bourges Electroacoustic Music Contest 1987. Recorded on CD by WERGO.

Composed using Pla and the Samson Box. Synthesis instruments defined in Sambox language.

KARPEN, Richard - Nexus, for String Quartet, 15 min., 1986.
Composed using Pla and NED as aids in generation of pitch material.


KARPEN, Richard - Exchange, for solo flute and tape. 13:10 min 1987. Awarded
Bregman digital music award at Bourges Electroacoustic Contest, 1987.
Honorable Mentions at 1987 NEWCOMP and 1987 Luigi Russolo.
First Prize in the National Flute Association's Newly Published Music
Contest, 1988.
Recorded on CD by Le Chant du Monde.
Composed using Pla and Samson Box. Synthesis instruments defined in
Sambox language and SAIL.

KARPEN, Richard - Il Nome, for soprano and tape, 1987. 14:40 min.
Commissioned by Judith Bettina. Awarded First Prize at Bourges, 1989.
Recorded on CD by WERGO and Le Chant du Monde.
Composed using Pla, MIX and SAIL on the Foonly and the Samson Box.

KARPEN, Richard - Idioma, for tape, 1987, (solo tape version of Il Nome). 14:40 min.

KARPEN, Richard - Time Frames, for 4 DX7II's and 2 TX802's plus Reverberators
played by four performers, 21:30 mins, 1988. Commissioned by Juilliard.


KRUPOWICZ, Stanislaw - Music for S, for computer generated quad tape, 9 min. 1984.

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|---|---|
| Location: | MUSIC6: mfs.sam[mfs,stk] |
| Language: | PLA |
| Sources: | Foonly, SamBox |
| Premiere: | Dinkelspiel Auditorium, Stanford, March 1984. |
| Recording: | Chronicle of Warsaw Autumn 1984, LP. Poland: Polskie Nagrania, 1984. |

KRUPOWICZ, Stanislaw - Thus Spake Bosch, for computer generated quad tape,    14 min. 1985.

| | |
|---|---|
| Location: | MUSIC6: bosch.sam[bos,stk] |
| Language: | PLA, Sail |
| Sources: | Foonly, SamBox |
| Premiere: | ISCM concerts, Academy of Music in Warsaw, April 1985. |
| Award: | 2nd Prize, NEWCOMP International Competition, Boston, 1985. |
| | Aleksander Borodin Foundation Award, Warsaw, 1990. |
| Recording: | Chronicle of Warsaw Autumn 1990, cassette. Poland: Classichord, 1990. |
| | Music from CCRMA, vol. 2, cassette. USA: Stanford University, 1985. |

KRUPOWICZ, Stanislaw - Farewell Variations on a Thema by Mozart for amplified
string quartet and computer generated tape, 25 min. 1986.

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|---|---|
| Language: | PLA, Sail |
| Sources: | Foonly, SamBox |
| Premiere: | Warsaw Autumn Festival 1987, Academy of Music in Warsaw, September 1987. Wilanow String Quartet. |

Award:      Honorable Mention, 8th Irino Prize Competition for Chamber Music, Tokyo, 1987.
Recording:   Digital Music Digital, CD. Germany: Wergo, 1990.
              Chronicle of Warsaw Autumn 1987LP Poland: Polskie Nagrania, 1990.

KRUPOWICZ, Stanislaw - Farewell Variations on a Thema by Mozart - version for
   computer generated tape, 25 min. 1986.
   Language:    PLA, Sail
   Sources:     Foonly, SamBox
   Premiere:    Kresge Auditorium, Stanford, December 1986.

KRUPOWICZ, Stanislaw - Concerto for Tenor Saxophone and Sources, 45 min. 1987.
   Language:    MIDI_Lisp
   Sources:     Macintosh Plus, 2 Yamaha iTX816
   Premiere:    Computer Music Festival, Frost Amphitheater, Stanford,
              July 1988. Bruce Pennycook - sax, Stanislaw Krupowicz - computers.
   Recording:   Chronicle of Warsaw Autumn 1988, LP. Poland: Polskie Nagrania, 1988.

KRUPOWICZ, Stanislaw, MILOSZ, Tony, MOWITZ, Ira - Nightfall, for computer generated
   quad tape, 40 min. 1987.
   Language:    PLA, Sail
   Sources:     Foonly, SamBox, Macintosh Plus, 2 Yamaha TX8168, Akai sampler,
              Sequential Circuits Prophet 3000
   Commission: IX International Composers' Seminar, Boswil (Switzarland), 1987.
   Premiere:    Alte Kirche, Boswil (Switzarland), September 1987.

KRUPOWICZ, Stanislaw - Only Beatrice, for amplified string quartet and
   computer-generated tape, 17 min. 1988.
   Language:    CDP (Composers' Deskop Project)
   Sources:     Atari ST, Yamaha SPX90
   Commission: Third Eye Centre, Glasgow (Scotland), 1988.
   Premiere:    Polish Realities Festival, Henry Wood Hall, Glasgow, November 1988.
              Paragon     Ensemble.
   Award:      Aleksander Borodin Foundation Award, Warsaw, 1989.
   Recording:   Chronicle of Warsaw Autumn 1989, LP. Poland: Polskie Nagrania, 1989.
              Silesian String Quartet.
   Note:       This piece was realized in the University of Glasgow studio, not in
              CCRMA!! [His DMA piece]

KRUPOWICZ, Stanislaw - Alcoforado for computer generated tape, 13 min. 1989.
   Language:    MIDI_Lisp
   Sources:     Macintosh Plus, 4 Yamaha TX802, Yamaha SPX90
   Commission: National Museum, Warsaw, 1989.
   Premiere:    Witkacy exhibition, National Museum, Warsaw, December 1989.

KRUPOWICZ, Stanislaw, MILOSZ, Tony, MOWITZ, Ira - Nightfall, 40 min. 1987.

LANCINO, Thierry - Le Banquet des Morts, 1980.
[MUSIC10,PDP10]

LANCINO, Thierry - Static Arches, quad tape. 1981. 2nd Prize, Concours de Bourges 1982.
[F2]

LANDA, Peer - Stroll All Over, for computer (direct from disk) and eight stroblights - 7 min. 1991.
[SY77, StudioVision, Dyaxis, NeXT]

LANDA, Peer - Downcast, for tape, 10 min. 1992.
[Dyaxis, NeXT]

LANDA, Peer - Low Motion (remix), for tape and tap dancer, 12 min. 1989-1992
[DEC Vax 750, DEC PDP-15, flute, doublebass, Buchla, MCI 24-track, Dyaxis, NeXT]

LOY, Gareth - Nekyia, quad tape, 10 min. 1979. Second Prize, Bourges festival, Bourges, France, 1981;
[MUSICV,SAMBOX,PDP10]

MALOUF, Fred - Chromatonal, for quad tape, 13 min. 1985.
Pla (Foonly, Sambox)

MALOUF, Fred - Sacrifice for celletto and tape. , 13'30, 1988.
Pla (Foonly, Sambox)

MALOUF, Fred - Variations on GoodByePork Pie Hat, for celleto and live electronics, aprox. 18 min.,
1989.   ( M on Macintosh(various MIDI equipment - Prophet 3000, Korg M3r,  Yamaha
TX802, Alesis Quadraverb, etc.  Different synths can be used)

MARIN, Servio - Dialogos, for quad tape, 10 min. 1984.

MARIN, Servio - Retour au Silence, for quad tape, 9 min. 1985.

MARIN, Servio - Visonual Reverie, for soprano, trombon, piano, and tape, 10 min. 1985.

MARIN, Servio - My View of "El Pajarillo",for tape, 7 min. in progress.

MARIN, Servio - Fantasmas de dos mundos, for dance, actors, computer music, and
sculpture, 1987.

MATTHEWS, Justus -- Crystal -- quad tape, 1979

MATTOX, Janis - Dragon's View, quad tape, 27 min. 1980.
spoken voice was digitally recorded and processed and then mixed with a synthesized sonic
environment created entirely on the Samsonbox using Leland Smith's SCORE program with
FM and wave-shaping techniques.  Singing voices were created by analysis of male and
female sung tones and resynthesis using waveshaping techniques. [Included in the radio
series "Composers in California (1981)" recorded and produced by Alan Rich for NPR.

MATTOX, Janis - Shaman - music for aplified percussionist, bassist, actor/vocalist/belly

dancer, live digital processing, and computer-generated tape, 65 min. 1984.
all synthesized sounds were created on the Samsonbox using PLA. Percussion and vocal
sounds were synthesized using a form of frequency modulation and incorporates
variable band noise.

MATTOX, Janis, MAZER, Elliot, MOORER, Andy, RUSH, Loren - The Digital Domain, for digitally
recorded and synthesized stereo tape, 1983.
Digital mix of environmental sounds juxtaposed with manmade sounds and synthesized sounds.

MCKONKEY, Jim -- E Pluribus Unum, 1981.

MCNABB, Michael - Dreamsong, stereo tape, 9' 10". 1978. 1979 honorable
mention, Bourges; winner, 1979 League/ISCM national competition.

MCNABB, Michael - Love in the Asylum, quad tape, 14'. 1981. 2nd prize
Concours de Bourges 1982

MCNABB, Michael - Pirouette, quad tape, 3'. 1981.

MCNABB, Michael - Suite from Mars in 3-D, quad tape, 14'. 1981, rev. 1984

MCNABB, Michael -- Invisible Cities. ballet music for piano, saxophone, computer
tape, and electronics, 40'. 1985

MCNABB and SCHOTTSTAEDT, Music for Mars in 3-d, NASA film on Viking project,
stereo tape, 30 min. 1979.

MOORER, James (Andy) - Perfect Days, stereo tape, 1977. Study of
computer techniques for modification of speech and music. This study features
human speech and flute.

MOORER, James (Andy) - Lions are Growing, stereo tape, 3 min. Study of
computer techniques for modification of speech and music. This study features
human speech.

MORRILL, Dexter - Getz Variations, for digitally recorded and synthesized tape and 1984.
tenor saxophone, 1984.

MOWITZ, Ira - Jublium, stereo tape, 20', 1986.

MOWITZ, Ira - Darkening, stereo tape, 11', 1987.

MOWITZ, Ira - Shimmering, stereo tape, 1988.

NICHOLSON, Leslie - Delusions of a Peroxide Blonde, stereo tape. 1981.

NUNEZ, Adolfo - Anira, quad tape, (5:00), 1984. (Music5):Anira.sam[fin,an]

NUNEZ, Adolfo - Canales, quad tape, (10:54), 1985. (Music5):canals.sam[fin,an]

NUNEZ, Adolfo - Press , quad tape, ( 9:05), 1986. 2nd version.(music5):press2.sam[fin,an]

NUNEZ, Adolfo - "Images". For mezzo-soprano, piano, french horn, trumpet, trombone
and stereo tape, (13:00), 1986.

OPPENHEIM, Daniel V.- 'Psookim' for full chorus (second version available for female chorus). 12 min. 1990.

OPPENHEIM, Daniel V.- 'Concerto in D' Midi violin and DMIX. Live interaction. 22 min. 1991. DMIX software, a 5 string Midi violin (Zeta), 2 Yamaha SY/TG-77 synthesizers, Yamaha DMP7, Yamah DX7II.

OPPENHEIM, Daniel V.- 'Lamentations for Jerusalem' for solo saxophone and DMIX. Live interaction. 25 min. 1992. DMIX software, tenor and baritone saxophones, 2 Yamaha SY/TG-77 synthesizers, Yamaha DMP7.

PENNYCOOK, Bruce - Speeches for Dr. Frankenstein, for soprano and tape. 1981. Commissioned by Dexter Morrill and Neva Pilgrim for "Singing Circuits" through the Canadian Council for the Arts.

PETROKA, Cinthia -- Louie, Louie. quad tape, 1983.

PICHE, Jean -- Ange(?) 1979

POLANSKY, Larry - Four Voice Canon #3, stereo tape, 1975. Released on Mills Centennial Record and on Polansky's CD "The Theory of Impossible Melody", Artifact Records 1004.

POLANSKY, Larry - Stochastic Studies #1-3, stereo tape, 1975.

POPE, Stephen - Celebration: Laments and a Song for Quiet Spiritual Places

Part 1: Kombination XI--Ritual Place for Live and Processed Voices
Text: Helmut Heissenbuettel (1921- ) 1956
(German, male and female processed voices) recitative and rondo.
Stereo Tape and Script for Speaker/Actor. 17 Min. 1990.

Part 2: Ywe Ye, I She Di (Moonlight Night)--Lament with Bells
Text: Tu Fu (712-770) 759(T'ang Chinese, one male voice) fantasy in two parts.
Stereo Tape. 7 Min. 1990

Part 3: To My Younger Brother--Message Looking for a Messenger
Text: Tu Fu (712-770) 762(English translation, one male voice) alap and jor
Stereo Tape. 9 Min. 1991 (in progress)

Part 4: Song: Simple Truths--From: For the Time Capsule, !: Hymnbook)
Text: Albert Goldbarth 1974(many languages, many voices) toccatta and hymn.
Sound preparation 1989-91 at CCRMA for live performance commissioned by
STEIM, Amsterdam using MIDI Conductor instruments played
by BMB Con performers. 22 Min. 1991 (in progress)

POOR, Robert -- Secret and Profound, quad tape, 1985.

RADAUER, Irmfried - Akoasmen, tape, 15 min. 1967.
[first piece made with FM-sounds]

RADAUER, Irmfried - My end is my beginning, tape, 60 min. 1968.
  (text by R. Moran)

RADAUER, Irmfried - Action-Reaction, tape, 12 min. 1968.

RADAUER, Irmfried - Tetrader, for tape and 12 instruments, 17 min. 1966/68.
[first combination computer tape/live instruments ever made]

RADAUER, Irmfried - Oasis I, tape, 12 min. 1976.

RADAUER, Irmfried - Oasis II, for tape and instrument ensemble, 15 min. 1976.

RADAUER, Irmfried - Oasis III, for tape and instrument ensemble, 16 min. 1976.

RADAUER, Irmfried - Ockeghem 77, tape, 13 min. 1977.

RADAUER, Irmfried - Modelle, for tape, flute, and harp, 12 min. 1977/78.

RADAUER, Irmfried - Evocation d'Ockeghem, for tape and two large orchestras, 16 min. 1977/79.

REYNOLDS, Roger - "the serpent-snapping eye",for trumpet, percussion, piano and
  quad tape, 1979.

REYNOLDS, Roger - Voicespace IV: the Palace, for male voice and quad tape. 1981.

ROLNICK, Neil - Ever-lovin Rhythm, for solo percussionist and tape, 9 min., 1977.
Composition chosen for U.S. representation at the UNESCO Rostrum of Composers, Paris, 1982.
[PDP10, MUSIC10]
publisher: Highgate Press/EC Schrimer, Boston
recorded: SOLOS/Neil B. Rolnick: 1750 Arch Rescords (S-1793); with Gordon Gottlieb, perc.

ROLNICK, Neil - Wondrous Love, for solo trombone and tape, 12 min., 1978.
Realized at CCRMA and at IRCAM. [PDP10,MUSIC10] Honorable Mention Bourges 1980.
publisher: Highgate Press/EC Schrimer, Boston
recorded: SOLOS/Neil B. Rolnick: 1750 Arch Rescords (S-1793); with George Lewis, trombone.

ROOK, Victor - Itching, quad tape, 1986.

RUSH, Loren - A Little Traveling Music, for amplified piano and computer-generated quad tape, 10.5 min. 1971-73.
Commissioned by Dwight Peltzer.
was created using Tovar's MUS10 program. The real world sounds were captured by means of portable
digital recorders. Uses simulation of moving sound sources and an extension of FM to control the
spectral evolution of each sound - the spectral characteristics of each synthesized instrument change
as a function of the instrument's apparent location in space.

RUSH, Loren - Song and Dance, for amplified orchestra and computer-generated quad tape, 22min. 1975.
Commissioned by Seiji Ozawa and the San Francisco Symphony Orchestra.
same as above, the first orchestral composition to employ computer-generated digital synthesis in
performance.

SCHLOSS, Andy - Towers of Hanoi, quad tape, 6 min. 1980.
Used SAIL directly to write the score file relating to the Towers of Hanoi

algorithm, and SCORE to create the "background" music. Didn't use PLA, only because it wasn't finished yet at that point.

Then ran MBOX (or was it SAMBOX?) on the Foonly, and played the result on the Samson Box.

SCHOBER, Brian - Voices, quad tape, 16 min. 1985.

SCHOTTSTAEDT, Bill - Dirge, 6 min, 1977. [MUSIC10,PDP10,SCORE]

SCHOTTSTAEDT, Bill - Sinfonia for Computer, 13 min. 1977. [MUSIC10,PDP10,SCORE]
(includes Bucky Bug's Composure Corner - tape in Archive of Recorded Sound,
Introduction to Forensic Toxicology, and Death by Drowning)

SCHOTTSTAEDT, Bill - SandCastle, 9 min. 1978. [MUSIC10,PDP10,NCOMP]

SCHOTTSTAEDT, Bill - Mars Music, 13 min, 1978. [MBOX,PDP10,NCOMP]
(NCOMP was in some regards the predecessor of PLA)

SCHOTTSTAEDT, Bill - The New Music Liberation Army, 1 min. 1978. [MUSIC10,PDP10,SCORE]

SCHOTTSTAEDT, Bill - The Gong-Tormented Sea, 13 min. 1978. [MBOX,PDP10,NCOMP]

SCHOTTSTAEDT, Bill - You're So Far Away, 18 min. 1978. [MBOX,PDP10,NCOMP]

SCHOTTSTAEDT, Bill - Five Bagatelles, 12 min. 1979. [MBOX,PDP10,NCOMP]

SCHOTTSTAEDT, Bill - Daily Life Among the Phrygians, 6 min. 1979.
        [PDP10, MBOX, mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Colony, 5 movements, 40 min, 1981-83.
        [F2,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - from The Book of the Burning Mirror, 13 min. 1983.
        [F2,JETSAM and SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Dinosaur Music, 6 min. 1983.
        [F2,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Variation on Ives' Unanswered Question, 2 min. 1984.
        [F4,SAMBOX,the editor]

SCHOTTSTAEDT, Bill - Daybreak, 6 min. 1984.
        [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Water Music, 10 min. 1985.
        [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Sonata, 7 min. 1986.
        [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Put on a Happy Face, 7 min. 1986.
        [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Leviathan, 7 min. 1987.
    [F4,MIXER (software program for sound processing)]

SCHOTTSTAEDT, Bill - Brand X Music, 9.5 min. 1987.
    [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Idyll, 6 min, 1988.
    [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Wait For Me!, 12 min, 1988.
    [F4,MIXER]

SCHOTTSTAEDT, Bill - Pastorale, 5.5 min, 1989.
    [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - I'm Late!, 3.5 min, 1989.
    [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Windmills, 7 min, 1989.
    [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Icicles, 8 min, 1989.
    [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Busted Pipes, 6 min, 1989.
    [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Long Ago and Far Away, 7.5 min, 1989.
    [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, Bill - Brown Music, 9 min 1990 (Jan)
    [F4,SAMBOX,mixture of PLA and the editor]

SCHOTTSTAEDT, BERGER, JAFFE, FULTON, SHANNON - Fanfare, 5 min, 1985.

SHATIN, Judith - Tenebrae Super Faciem Abyssi, 20 min., 1990. [F4,PLA,SAMBOX]

SIKORA, Elzbieta - computer generated sound for analog tape piece, 1984.

SINGER, Malcolm J. - Sines of our Time, quad tape - 8'32". 1981.

SINGER, Malcolm J. - Man verus Machine, for master of ceremonies, percussionist, and
    quad tape. 1982.

SMITH, Leland - Rondino, stereo tape, 5 min. 1968.

SMITH, Leland - Machines of Loving Grace, for bassoon and narrator with stereo tape, 15 min. 1970.

SMITH, Leland - Rhapsody for Flute and Computer, for flute and stereo tape, 7.5 min. 1971.

SNELL, John - Shruti, stereo tape, 1979.

SOUSTER, Tim - Driftwood Courtege, stereo tape, 8 min. 1981.

STAEBLER, Gerhard - Twilights/Protokolle, for organ and tape, 1983.

STRANGE, Alan - Sleeping Beauty, for violin and computer-driven instruments, 20min., 1989.

SUSMAN, William - Cityscape, quad tape, 11 min, 1983.

SUSMAN, William - Pentateuch, for soprano, three choral groups and large
    orchestra, 17 min. 1984. Awarded BMI prize for young composers 1985.

SZIGETVARI, ANDREA - Toxoplasmosis. 5.5 min., 1989.

TAUBE, Heinrich - Jubjub, quad tape, 11 min, 1985.

TAUBE, Heinrich - Tremens, quad tape, 1987.

TAUBE, Heinrich - Wilderness of Mirrors, for amplified string quartet and stereo tape, 1988.

TORRES-SANTOS, Raymond - Areyto, for chamber orchestra and sound, 1984.

USSACHEVSKY, Vladimir - computer generated sound for analog tape piece, 1985.

WIENEKE, Paul - Oracle-4am, stereo tape, 7.5 min. 1978.
    This was a sample data piece written in MUS10, I believe. I used
    processed, recorded vocal sounds and the WaveShaping synthesis
    technique implemented by Marc Lebrun. I remember trying to
    get the effect of moving sound sources with sustained tones.

WIENEKE, Paul - A Garden for Orpheus, quad tape, 13 min. 1980.
1981 First Mention, Bourges, France;
    A pla/samson-box piece. I used clusters of sine-waves moving
    between consonance and disonance based on some critical-band
    theory. The piece also has constrasting sections which use FM
    gong sounds.

WIENEKE, Paul - Attend, quad tape, 10.5 min. 1981.
    Another samson box piece. The event-lists for this piece were
    generated using Maclisp. As far as I know, it is the first
    piece written in Lisp. The instruments are all FM. I tried
    to model sharp bowed attacks on BIL's FM violin by making the
    amplitude modulate the timbre as well was the loudness. It's
    a common synth hack these days, but it was fairly novel then.

WINKLER, Todd - Looking Into a Face, five songs for soprano and live-electronics
    3 Yamaha TX802's, 1 Yamaha REV7, Macintosh computer, Performer software. 17 min,1988.
        (Also in a tape version for mezzo-soprano or soprano.)

WINKLER, Todd - Three Oboes, for Oboe and live-electronics
    1 Yamaha DMP11, 1 Yamaha Rev7, and 2 Yamaha TX802's, Macintosh computer,
    Performer software. 10.5 min, 1989.

WOLMAN, Amnon - Etude (Hommage a Bartok No. 2), stereo-tape, 10 min., 1984.

Premiered at the Stanford Computer Music Festival 1984.
Finalist Luigi Russolo International Competition 1984.
Language: Pla
Source: Foonly, Sambox


WOLMAN, Amnon - Perhaps, at last, Some such hours passed, quad tape, 8.40 min, 1985.
Premiered at Stanford Music Dept. Concert 1985.
Recorded by Stanford Press, Music from CCRMA vol. 2.
Other performances include: INA/GRM concert series Paris, Israel Radio, ICMC Vancouver, and others.
Language: Pla
Source: Foonly, Sambox


WOLMAN, Amnon - Mora, for Sopran, MezzoSopran, Oboe, Percussion and stereo tape,16 min, 1985.
Premiered at Stanford Music Dept. Concert 1985.
Awarded Minnesota Composers Forum recording award, 1988.
Language: Pla
Source: Foonly, Sambox


WOLMAN, Amnon - If Thorns..., computer-generated stereo tape, 12 min, 1985.
Premiered by the Minnesota Composers Forum, American Music Week Concert 1986.
Other performances include: Bourges Festival, Stanford Computer Music Concert, Luneburg, Germany, Gothenburg-Sweden, and others.
Language: Pla
Source: Foonly, Sambox


WOLMAN, Amnon - A Circle in the Fire, for Bass-clarinet and computer-
generated stereo tape, 13 min, 1986. Dedicated to Harry Sparnaay.
Premiered by Harry Sparnaay on tour in Australia 1986.
Recorded by Clark Fobes for Wergo, Germany.
Awarded: First Prize NEWCOMP 1988. Finalist Luigi Russolo 1988.
Other performances include: SEAMUS/New Music America NY, ICMC Urbana Il, Stanford Computer Music Festival, Essen ExMachina Festival, Musart at the Cleveland Museum of Art,San Francisco Contemporary Music Players, Intermedia Art, Minnesota , and others.
Language: Pla
Source: Foonly, Sambox


WOLMAN, Amnon - computer-generated incidental music for production of "Medea Plays" (1986), CA. 30 min.
Conceived and directed by Ed Isser at the Stanford Department of Drama. Premiered     September 1986.
Language: Pla
Source: Foonly, Sambox


WOLMAN, Amnon - M, for Orchestra and computer-generated stereo tape, 16 min, 1986.
Premiered by Stanford Chamber Orchestra, Jeanine Wager conducting, 1986.
Recorded by the Jerusalem Symphony Orchestra 1990.
Awarded: Finalist Luigi Russolo 1989.
Other performances include: Jerusalem Symphony Orchestra, Haifa Symphony Orchestra-Israel, and

reading by the Aspen Sinfonia orchestra.
Program:EdSnd, MixPla.
Source: Foonly.

WOLMAN, Amnon - And then she said for actress, four pre-recorded voices, computer-generated sounds, and
computer graphics.  25 min, 1987.
Premiered during the Stanford's Humanities Center Conference on  Humans Animals, and
Machines. 1987.
Other performances include: ResMusica Festival Baltimore, boroadcast WNYC-NY.
Language: Pla
Source: Foonly, Sambox
Other equipment:: Lexicon Digital reverb, PCM-F1 Digital mixing.

WOLMAN, Amnon - Medea, four pre-recorded voices, and computer-
generated sounds.Stereo tape. 25 min. 1987.
Premiered radio broadcast WDR Germany..
Finalist Ars Electronica Austria 1987.
Language: Pla
Source: Foonly, Sambox
Other equipment:: Lexicon Digital reverb, PCM-F1 Digital mixing.

WOLMAN, Amnon - Ladders and Plains, computer-generated stereo tape, 30 min., 1988.
Premiered at the WestBeth Theater Center NY.
Other performances: Cal-Arts Festival SEAMUS concert, Djerassi Foundation Open House performances.
Language: Pla
Source: Foonly, Sambox

WOLMAN, Amnon - Nautilus, for three singers, radio operator and computer-
generated stereo tape, 21 min, 1988. Commissioned by August Coppola for the1988 Distinguished Artists
Forum at San
Francisco State University.
Premiered at the 1988 Distinguished Artists Forum at San Francisco State University.
Other performances: Minnesota Composers Forum Concert series 1989, New Music Chicago Festival 1989,
and others.
Language: Pla
Source: Foonly, Sambox

WOLMAN, Amnon - computer-generated incidental music for production of "Play by Samuel Beckett" (1988),
directed by Ed Isser at the Stanford Summer Theater, Stanford University. Premiered July 1988. 30 min.
Language: Pla
Source: Foonly, Sambox

WOLMAN, Amnon - Reflections on Pedestals, for Orchestra and computer-generated stereo tape, 26 min, 1989.
Premiered by the Jerusalem Symphony Orchestra, 1991.
Recorded by the Jerusalem Symphony Orchestra, 1991.
Other performances: Rishon Le-Tzion Symphony Orchestra.Program: EdSnd, MixPla.

Source: Foonly.

Other equipment:: Lexicon Digital reverb, Dyaxis digital mixing.

WOLMAN, Amnon - the day the bank came through, for narrator, percussionist and tape. 12 min., 1989.
Premiered at the Computer Music Concerts at Stanford.
Language:Pla.
Program: Xavier Seera's resynthesis program.
Source: Foonly, Sambox.
Other equipment:: Dyaxis digital mixing.

WOLMAN, Amnon - Distorted Reflections, for oboe, chamber ensemble and stereo-tape, 13 min. 1990.
To be premiered in April 1991 by Heinz Holliger and ensemble in Bazel Switzerland.
Language: Pla
Program: Mixer.
Source: Foonly, Sambox
Other equipment:: Dyaxis digital mixing.

WOLMAN, Amnon - Distant Images, for oboe,  and stereo-tape. Dedicated to Heinz Holliger. 26 min. 1990.
To be premiered in April 1991 by Heinz Holliger in Bazel Switzerland.
Program: Mixer.
Source: Foonly.
Other equipment:: Dyaxis digital mixing.

WOLMAN, Amnon - The Many Faces of Marilyn's - Four Requiems , for an improvisation group and computer processed tape. 21 min. 1990
Premiered by the First Avenue Ensemble, New York.
Language: Pla
Program: EdSnd, MixPla.
Source: Foonly, Sambox
Other equipment:: Dyaxis digital mixing.

YIM, Alan - Shiosai, computer-generated tape, 1984.

YANG, Lu - Three Chinese Folksongs, for soprano and synthesized orchestra, 1990.

ZICARELLI, David - The Sound of America Screaming, for performer and
interactive composition environment, 1987. (Macintosh running OvalTune,
which was a program written in the C language. Length 6 mins 23
seconds. The Macintosh controlled MIDI synthesizers such as
the Yamaha TX modules.)

10-Dec-84  2309      BIL
    10-Dec-84  1143      PAT    works.lst
To:  "@TMP.TMP[GEN,ADM]"%CCRMA@SU-AI.ARPA
Please look at WORKS.LST[GEN,ADM] and make corrections or additions. Also,
if you know of any works of composers no longer at CCRMA that are not listed,
please add them.  Thanks, Patte

Also Justus Matthews wrote "Crystal", Isidore Elias did the Pachelbel Canon
and the overture to Iphigenia in Aulis (Gluck), Jean Piche
did "Ange" (for instruments and tape), CEC had some piece played on a recent
concert, Paul Kirk did "Passage" and some others (old concert programs
would give these),  Rob Harvey did a piece for piano and tape (on an
ALEA concert using the FM piano),  Neil Rolnick did some piece back in
1976 or so (which I had the pleasure of deleting), can't think of others.

s10-Dec-84  2055      BIL
    10-Dec-84  1143      PAT    works.lst
To:  "@TMP.TMP[GEN,ADM]"%CCRMA@SU-AI.ARPA
Please look at WORKS.LST[GEN,ADM] and make corrections or additions. Also,
if you know of any works of composers no longer at CCRMA that are not listed,
please add them.  Thanks, Patte

I remember a piece by Jim McConkey that isn't on the list -- something about
a civil war battle.  There have also been pieces by visitors like the
Italian composer with the infinite sine waves and pretty girl friend --
do they count?  Walter Branchi! (My memory is terrible).