Biographies

Ampcom

[Merja Puustinen & Andy Best, SF], has realized several environmental art projects such as Suburbarama Honeymoon, interactive installations such as DAD@Destroy All Dreams, and telematic performances.

Konrad Becker [A]

is hyperreality researcher/ developer and interdisciplinary event designer. He is chairman of the tø/Institute for New Culture-Technologies [Public Netbase; Brain. Vader], the Institut für Wissenschaftliche Sensation and Public Tranceport Systems.
He is a founding member of Monoton and other groups, provider of electronic underground music and psycho-acoustics since 1979. Presentations and publications include text, video, music, installations and environments focussing on subjective science and cultural synthesis.

Maurice Benayoun [F]

1957, research projects in the fields of multimedia, special effects, the contribution of new technologies to audio-visual production and interactivity. Since 1987 he has been the artistic director of Z.A. Production. Since 1984, he is Professor at the University of Paris 1 [Panthéon-Sorbonne] et "Artiste Invité" at the École Nationale Supérieure des Beaux Arts de Paris.

Erich Berger [A]

technician, musician, artist

Beusch/Cassani, 1963/66,

have lived in Paris sind 1991. They are responsible for a few of the most remarkable multimedia projects of recent years. What emerged from this collaboration with European radio stations, museums and festivals has been interpreted by some as a refreshing parallel narrative to the communications-media, while others have seen it as off-beat mediatainment or the playful re-encoding of the clichés of video culture. This inherent dynamism generated by means of a media fiction, the mixture of sound, text and image, and the central position occupied by interaction with users are also in evidence in the Internetproject SOS RADIO TNC. Beusch/Cassani see themselves as two pixels whose power of illumination is constantly infolding in new constellations.

The BILWET Agency [NL]

founded in 1983 in Amsterdam, is engaged in promoting Illegal Science through travels, lectures and taking walks. It is currently involved in Dutch landscape painting, work simulation, The Family of Man, Insanity of Cities, the Question of Confusion, IKEA for All. Publications in German: Bewegungslehre [1991], Medien-Archiv [1993], Datendandy [1994] and Elektronische Einsamkeit [1997].[i.e. "Theory of Movement", "Media Archive", "Data Dandy", and "Electronic Solitude"].

Robert R. Birge [USA]

is professor of chemistry and director of the W.M. Keck Center for Molecular Electronics, and research director of the New York State Center for Advanced Technology in Computer Applications and Software Engineering at Syracuse University. He also holds joint appointments in the departments of Biology, Physics and Electrical Engineering. His research interests include the application of nonlinear laser spectroscopy and quantum theory to the study of light- transducing proteins as well as the development of protein based molecular electronic devices and hybrid computers.

He is associate editor of BioSpectroscopy and has co-chaired advisory panels for the National Institutes of Health and the National Academy of Sciences.

Isabella Bordoni [I], 1962,

Poet, theatre director, performer. Co-founder in 1985 of Giardini Pensili [theatre company and media lab]. She presents her texts [poetry and fiction] in theatre pieces, concerts and in telematic and network projects. She wrote several hoerspiele — mostly performed live — produced by SFB, YLE, RNE, ORF and RAI and she made the media radio a powerful and flexible total machine. In 1987 she was Artist-in-Residence at the Djerassi Foundation, San Francisco.

Scott Brave [USA]

graduated from Stanford University in 1995 with a BS in Computer Systems Engineering. Over the past two years, Scott has also worked extensively with Immersion Corporation to develop new applications for haptics technology, including a system to allow people with neuromotor disabilities to interface with computers.

He is currently working with Prof. Hiroshi Ishii in the Tangible Media Group at the MIT Media Lab and is focusing on the application of haptics to interpersonal communication.

John Canny [USA]

is a Professor in the Computer Science Division at the University of California, Berkeley, which he joined in August 1987. He received the ACM Doctoral Dissertation Award [best thesis in computer science] in 1987. His thesis dealt with robotic motion planning and described a universal and optimal algorithm for a large class of planning problems. He shared the Machtey award in 1987 for best student paper at the IEEE FOCS [Foundations of Computer Science] conference. He was one of the first 20 recipients of a Packard Foundation Fellowship in 1988. In 1989 he became an NSF Presidential Young Investigator.

Motoshi Chikamori [J],

1971, Tokyo. 1991—95 study of Environmental Information at Keio University. 1995 study at University of Tsukuba, Plastic Arts and Mixed Media Dept.

Patricia Smith Churchland [USA]

© Becky Cohen, Encinitas, CA

is a Professor of Philosophy at the University of California, San Diego [1984—]. She is also an Adjunct Professor, The Salk Institute for Biological Studies [1989—]. Churchland has been the recipient of a MacArthur Foundation Research Fellow [1991] and National Science Foundation Research Grant [1987—89]; she was the President of the American Philosophical Association [Pacific/1992—93] and President of the Society for Philosophy and Psychology

[1984—85]; and on the board of governors of the Philosophy of Science Association [1985—87]. Churchland is the author of three books, including The Computational Brain [MIT Press, 1992] and Neuroscience: Toward a Unified Science of the Mind-Brain [MIT Press, 1986].

Andrew Dahley [USA]

is a product designer in Professor Hiroshi Ishii's Tangible Media Group at the MIT Media Laboratory. He designed a furniture system for cooperative learning classrooms, which won the Design Distinction award in the annual design review of I.D. magazine, July 1995. At the MIT Media Lab, he has been exploring ways to manipulate and interact with bits by coupling them with objects and environments of the physical world.

John Coate [USA]

has been in the online networking business for more than eleven years. He is now the General Manager of the SF Gate [www.sfgate.com], the most popular regional news website in America. For six years he was Conferencing Manager for The WELL where he helped establish the concept of the "virtual community," as depicted in the May 1997 cover story of WIRED Magazine. He is the suthor of the seminal essay Cyberspace Innkeeping: Building Online Community and has lectured at Stanford, MIT and at numerous events relating to multimedia and the Internet.

Daniel C. Dennett [USA]
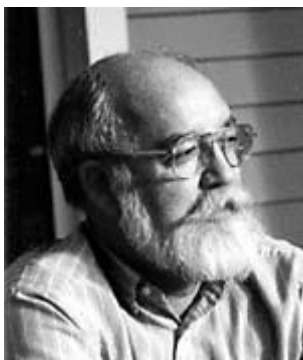
is Distinguished Arts and Sciences Professor, Professor of Philosophy, and Director of the Center for Cognitive Studies at Tufts University. His first book, Content and Consciousness, appeared in 1969, followed by Brainstorms [1978], Elbow Room [1984], The Intentional Stance [1987], Consciousness Explained [1991], Darwin's Dangerous Idea [1995], and Kinds

of Minds [1996]. He co-edited The Mind's I with Douglas Hofstadter in 1981. His next book, Brainchildren: A Collection of Essays 1984—1996 [MIT Press], is forthcoming in 1997.

Chris Dodge [USA],

1969, graduated with honors from New York University, 1991, BA Film/Video, Music Composition, and Computer Science. Master of Science candidate and researcher of Media Art and Technology, Media Lab, MIT, 1995-97. Artist-in-Residence at Zentrum für Kunst und Medientechnologie [ZKM], Karlsruhe, Germany, 1995-1997. Exhibitor in the MultiMediale 4 festival at the ZKM, May 1995. Interactive Computer Graphics designer for the Brain Opera, created by Tod Machover of the Media Laboratory, 1996—97. Invited exhibitor and speaker at the WRO97 Biennial Media Art Festival, May 1997. Finalist exhibitor at the ARTEC97 Biennial Media Art Festival, May 1997.

Wolfgang Dorninger [A],

© Felix Nöbauer, Linz

1960, attended the Institute for Applied Arts in Vienna where he completed the Master Program for Visual Media Design. He is also a musician, playing in the groups Monochrome Bleu, Josef K. Noyce and Wipe Out. Dorninger has composed numerous musical works for film, theater and dance.
He operates the Sonic Sound Studio in Linz.

Dumb Type,

founded by graduates of the Kyoto City Art College in Japan in 1984, is a pluridisciplinary collective of architects, sound engineers, video artists, dancers, musicians and computer scientists. Their projects defy any categorization and break open the bounds of theatre, video installation and graphic art.

Christoph Ebener [D],

1967, Objects and Installations: security technologies, repair systems, products for a better world, blond girls, no fear.

Joachim Eckl [A],

1962, 1981/88 Studies of psychology at Salzburg University. 1988/89 Center for Child Development Research/N.Y. Image maker, performance and installation projects: Brecht/Clay/Freud, Dear Me, Homo Erectus, Bodies and Brains ... Foundation of the artist group "The Only One". 1992 foundation of the production unit MAKE for development and implementation of projects in the public space. 1997 Artist-in-Residence project at the Ars Electronica Center.

Arthur Elsenaar [NL]

spent most of his youth building ultra-high frequency radio and television transmitters that were used illegally by several hundred pirate stations throughout the Netherlands. In the early nineties he studied Cultural Engineering at the Fine Art Academy Minerva in Groningen.

Leonid Filatov [USA],

1958, At the beginning I learned to understand how the things that surround me work. He completed a masters degree in interactive telecommunications at Tish School of Arts. In 1996 I founded "Interuptive Media" [IM] production and developed "Electronic Street Art". Laterna Magica 96 started the series of projects that explore this concept.

Franz Fischnaller [I]

studied art and design in Germany, Italy and USA. He works in the art and design fields and parallel to it he has undertaken the development of design+art+technology, that will permit new possibilities for the integration of art and technology and confront the reality of "Man&art-Machine&art-interface&art". He has been involved in art+desing+technology, in both theory and practice.

Peter Fleissner,

1944. Studied telecommunications, economics, econometrics, social cybernetics, philosophy; 1971 doctorate in mathematics; 1973—1990 Institute of Socio-Economic Development Research and Technology Evaluation of the Austrian Academy of Sciences; 1974—1982 International Institute for Applied Systems Analysis; 1981 postdoctoral thesis in econometric social cybernetics; 1987 Scholar at MIT under Jay Forrester; research projects in Austria, USA, FRG, GDR, Slovakia, Bulgaria, Poland and Vietnam; 1990—1997 o. Univ.-Prof. for representation and effect research, information technology at Vienna University of Technology; from August 1997 head of the department "Technology, employment and competition" of the EU Institute for Technological Future Research [IPTS] in Seville.

Peter Fromherz [D]

1942, 1969 Dr.rer.nat. [physical chemistry], University of Marburg, 1981, Professor of experimental physics [biophysics], University of Ulm, 1994 Director of Max-Planck-Institut of biochemistry [section membrane and neuro-physics].

Patricia Futterer [A],

media theorist and artist.

Paul Garrin [USA]

works as a media artist and has been collaborating with Nam June Paik for a long time. His documentation of the "Tompkins Square Riot" 1988 in New York City is known as the spark which ignited the "camcorder revolution". He has been Artist-in-Residence at the Berlin Videofest in 1990 and has been awarded several highly recognized prizes.

Andrew Garton [AUS]

composer, performer, Internet artist. He has an extensive background in experimental electronic composition, the performing and digital arts. He has a strong interest in public communications, spending a considerable portion of the past seven years working on public access computer network projects in Australia, Southeast Asia and Indochina. His current work explores the reclamation of public space via generative sound-scapes and the Internet as theatre of suspended space.

Guillermo Gòmez-Peña [MEX],

is an interdisciplinary artist and writer known for his innovative use of performance, journalism, video, radio and installation art to explore cross-cultural issues. He draws on his Latino background to brigde cultural borders with the use of high technology.

Thyrza Nichols Goodeve[USA],

is Senior Instructor at the Whitney Museum Independent Study Program in New York City. Her interviews and essays have appeared in Artforum, Parkett, and Art in America.

Matt Gorbet [USA],

1973, is a graduate student at the MIT Media Laboratory. In his research with Professor Hiroshi Ishii's Tangible Media Group, he is developing dual-identity objects — physical objects capable of embodying and manipulating data. Before joining Ishii's group, he collaborated on many other Media Lab projects, including an instant holographic portrait system and Tod Machover's 1996 Brain Opera project, for which he created a 3D music game called Harmonic Driving. He has also been involved in hardware and software projects for NYNEX and SGI, and has a diverse background in interactive art, graphic design, video and sculpture.

Heidi Grundmann [A]

In 1987, after working for many years as a cultural journalist, critic, editor and producer at the ORF [Austrian Broadcasting Corporation], she founded the weekly radio program KUNSTRADIO-RADIOKUNST. It consists of original works for radio by artists of all disciplines. Heidi Grundmann also lectures and writes on art and new media and has organized and curated many symposia and exhibitions related to art practice in the electronic media, especially around radio and TV. She is chairperson of Ars Acustica International, the EBU experts group of radio art, and founding member and president of TRANSIT — a non-for-profit association for the production fo cultural projects in the public space of the electronic media.

Kazuhiko Hachiya [J],

1966 graduated from Kyushu Institute of Design [Visual Communication Design].
He has had several exhibitions in Japan. Lives and works in Tokyo.

Donna Haraway [USA],

is the author of Primate Visions: Gender, Race and Nature in the World of Modern Science; Simians, Cyborgs and Women: The Reinvention of Nature, and Crystals, Fabrics and Fields: Metaphors of Organicism in 20th-Century Developmental Biology. She teaches science studies, feminist theory, and woman's studies at the University of California, Santa Cruz.

Huge Harry [01]

is a commercially available voice synthesis machine, designed at the MIT Speech Laboratory. Currently, he works as a researcher and a spokes-machine at the Institute of Artificial Art in Amsterdam. He has also performed as a singer. Recently, Huge Harry has also started to work as a political activist, trying to achieve equal rights for

computers.

Wolfgang Hilbert [A]

1969, graduate of the Department for Advanced Studies in Electronic Data Processing and Organization, Vienna. Since 1992, student at the Institute of Applied Arts in Vienna, design of visual media, Prof. Peter Weibel.

Rupert Huber [A],

1967, composer, musician. Collaboration with Sam Auinger [Berliner Theorie, 1997], Richard Dorfmeister [Tosca, 1994—97], Giardini Pensili [Trance Bakxai, 1997]. Compositions for radio, stage, Internet [Darb-i Fetih,1996], Guest of DAAD artist programme 1997 [Berliner Theorie]. In many years of collaboration with ORF KUNSTRADIO he created the documentary CDs Zeitgleich and Horizontal Radio and works for KUNSTRADIO ONLINE [Familie Auer, applause].

Kathy Rae Huffman [USA]

is a freelance curator, writer and networker. Since 1991 Huffman has been based in Europe, where she lectures extensively on Internet art, art video, interactive TV, and the history of artists and TV. She is a correspondent for Telepolis online magazine [Heise Verlag], for the column pop~TARTS, and contributes to Rhizome, the journal for net culture. Together with Eva Wohlgemuth, Huffman realizes Internet communication works.

José Iges [E],

1951, is an Industrial Engineer, musical composer and performer in "live electronic". He starts on the electroacoustic music at the ALEA Laboratory in Madrid. He has been member of the Art and Computer Science Seminary and of the Madrid's group ELENFANTE. Within 1988 and 1989 he has made several "Sound Spaces", integrated with "Visual Installations" of the artist Concha Jerez. With the co-authorship of Concha Jerez, he has been making a series of projects called "Media Interferences".

Hiroshi Ishii [J]

His focus is on media design to augment interactions between humans, computers, and the physical environment. He has done extensive research on Computer-Supported Cooperative Work [CSCW] and Human-Computer Interaction [HCI]. His team at NTT Human Interface Laboratories invented TeamWorkStation and ClearBoard. He has been active in the ACM SIGCHI community. At the MIT Media Lab, he directs the Tangible Media Group.

Toshio Iwai [J], 1962,

© ORF

is an interactive artist and graduated from the Tsukuba University. He has had several solo exhibitions worldwide and two of his pieces are permanently displayed at the San Francisco Exploratorium. He has been Artist-in-Residence at ZKM/Karlsruhe and is currently Artist-in Residence at IAMAS.

Hiroo Iwata [J],

1957, MS and PhD in engineering from the University of Tokyo. He is an Associate Professor at the Institute of Engineering Mechanics at the University of Tsukuba where he teaches human interface and conducts research projects on Virtual Reality. He is active in research on haptic interface in virtual environments. He has developed various force displays and applied them to 3D shape modelling and scientific visualization.

Concha Jerez [E],

1941, is an intermedia artist. She has made individual works in a continuous way since 1973 till now in Spain, Germany, France, Italy, Austria, England etc. Since 1976, her art work centers on the development of the concept of installation, as an in situ work, on large concrete spaces. During 1988 and 1989 she has made several "Visual Installations" integrated with the "Sound Spaces" of the musical composer José Iges. With the co-authorship of José Iges, she has been making a series of projects called "Media Interferences". Since 1991 she is Associated Proffesor of the Facultad de Bellas Artes of the University of Salamanca.

Hari Kunzru [USA]

is associate editor of Wired UK.

Machiko Kusahara [J]

studied mathematics and history of science at Tokyo's International Christian University and is an Associate Professor of Media Art at the Faculty of Arts, Tokyo Institute of Polytechnics. She has been teaching computer graphics theory and media since 1986 and has published several books on computer graphics and A-Life. She is a member of the ACM/SIGGRAPH, Information Processing Society of Japan, Japan Society of Image Arts and Science, NICOGRAPH, 3D FORUM and A-Life Network of Japan. Her recent research has been centered around the transition of the nature of artistic creativity in interactive art, specially in relation to the concept of networking and A-Life.

Cécile Le Prado [F],

1956. Composer. Le Prado studied music and electroacoustic composition at the Nantes Conservatory. She has collaborated with various research centers, including particularly INA-GRM and IRCAM, Paris, CICV, Montbéliard, and CIRM, Nice. Her work has focussed especially on the realization of sound installations and compositions for image and choreography.

Rafael Lozano-Hemmer

is a Mexican-Canadian media artist. Works with teleabsence, installation and performance art. Rather than returning the "Penacho de Montezuma" to Mexico, he would prefer if Austria sent some Habsburg jewels as a romantic cultural exchange and for the Penacho to become an integral part of Austrian identity.

Steve Mann [USA]

is a doctoral student at the MIT Media Laboratory where he co-founded the MIT wearable computing project. He currently holds degrees in Physics and Electrical Engineering. Steve is known to many as inventor of the so-called "wearable computer" and "WearCam" [personal imaging system]. His present research includes photometric image-based modeling, pencigraphic imaging, and wearable, tetherless computer-mediated reality. He is also an accomplished artist, having received numerous awards for his work in the interrogative, situationist, and visual arts. Steve currently holds degrees in physics and electrical engineering.

Max More [USA]

is editor and co-founder of Extropy and President of the Extropy Institute which aims to guide humanity into an unbounded future by encouraging the use of emerging and future technologies to overcome historically unchallenged limits to full human flourishing. He holds a BA in Philosophy, Politics and Economics from Oxford University, an MA in Philosophy from USC and is now writing his PhD in Philosophy at USC.

Knut Mork [N]

is an artist and software engineer. His previous works [sense:less and A Single Drop of Blood] experiment with the construction of synaesthetic experiences.

MUU Artist Association [SF]

John Hopkins, Tapio Mäkelä, Terhi Penttilä and Lsa Vähäkylä.

Lars Nilsson [N]

is a mathematician and programmer at TeleVR, Norwegian Telecom R&D.

Maggie Orth [USA]

is a PhD candidate in technology design at the MIT Media Lab. She began her work there as the Production Director and Designer of Tod Machover's Brain Opera. Her research in the design of technology devices integrates the vocabularies of "smart" materials, electronics, and conceptual and formal visual design. Current device design projects include a "magic phone" for Motorola, technology design for the Meteor project, and the Triangles. Other projects include her women's, technology, and fantasy column for "Jane", magazine, and her "Techne" web-site. She received a MSVis from the Center for Advanced Visual Studies, MIT, in 1993 and a BFA from the Rhode Island School of Design in 1986.

Ou¶eis

found his companions as early as October 1995 in Vienna. There are now a number of international people involved, communicating and collaborating via email, telephone, in online meetings, Viennese cafes and bureaus. The way things were in May 1997: Director: Gernot Lechner; Production Dramaturgy and Communications: Monika Wunderer; Composition: Santiago Pereson; Adaptation: L. H. Grant and G. Lechner, U. Noe, M.Wunderer, S. Pereson; Costumes: Ulli Noe, Tech-Crew [:] net:lab [Zyka/Bauer/Koger]; Network: Rainer Fügenstein; Logistics: Mayer/Rosenburg / Zellner; Documentation: Georg Leyrer.

Karl Anders Øygard [N]

is a programmer at TeleVR, Norwegian Telecom R&D, and leading the 3D development of MPEG 4.

Roberto Paci Dalò [I],

1962, composer/theatre/director/ media wizard. Most of his work — under the concept of "dramaturgy of media" — is dedicated to the new communications technologies creating performing arts and telematic live projects produced by European radio stations, museums, festivals. In 1985 he co-founded Giardini Pensili. In 1995 he created RADIO LADA, the on-line cult web art radio. In 1993—94 he was guest of the Berliner Künstlerprogramm des DAAD. He was also Associate professor at the Department of Scienze della Comunicazione, University of Siena and trustee of the Mediterranean network of the telematic project Horizontal Radio [1995]. Since 1991 he has been the artistic director of the radio and media festival LADA/L' Arte dell'Ascolto.

Heimo Ranzenbacher [A],

1958, lives in Graz as journalist, art critic, theorist and artist. Various publications in catalogues and specializes journals; diverse addresses at symposia; diverse art projects, including: Klang Figur, interactive sound performance [in collaboration with Werner Jauk], steirischer herbst, Graz 1991; founded TXTD.sign — a studio for aesthetic services, 1993; Lichtzeichen, Utopie-Kunststraße installation, Innsbruck 1994; Sonderartikel Esc, Graz 1995.

REMOTE C

Rachel Baker [rachel@irational.org] is an artist, secretary and socialite. She is currently in residence as 'Trina Mould' at the Institution Of Rot. Sep 97 [sep97@irational.org] and is a liberator of opposites and embracer of contradiction.

Andreas Broeckmann [abroeck@v2.nl] lives and works in Berlin and Rotterdam. He is a project manager at V2_Organisation.

Vuk Cosic [vuk@ljudmila. org] is an archaeologist, writer, cook, net.artist, and smooth talker. He can be found in Ljubljana, Triest, and many other places when he can get a visa.

Luka Frelih [luka@ljudmila.org] lives in Ljubljana and likes talking to computers. He also likes talking to people, computer networks, microphones, cameras, broadcasting equipment, receivers, recorders, backpacks, mirrors, portable data carriers, the sun and probably to a few other things, too.

Jaanis Garancs [janis@ kkh.se] is a programmer, artist and one of the founders of E-L@b in Riga. He resides in Stockholm.

Joan Heemskerk [jodi@ jodi.org] Olia Lialina [olia@glasnet.ru] is an experimental film and video critic and curator, director of the Moscow CINE FANTOM film club and a Net artist.

Eric Kluitnberg [eric@media -gn.nl] is a teacher and freelance curator based in Amsterdam. Diana McCarty [diana@dial. isys.hu] lives and works in Budapest. She is the project coordinator of the Media Research Foundation.

Dirk Paesmans [jodi@jodi.org] Pit Schultz [pit@icf.de] is a net critic and artist, and the owner of the nettime mailing list. He lives in Berlin and Budapest.

Alexei Shulgin [easylife@ glasnet.ru] is a photographer and net.artist. He lives in Moscow and is the inventor of FORM art. Rasa Smite [rasa@parks.lv] is

an artist and founder of E-L@b in Riga.

Raitis Smits [raitis@parks.lv] is an artist and founder of E-L@b in Riga.

Markus Seidl [A],

1973. Music since 1992. Context/theory since 1994. Lives/works in Linz and surroundings.

Ruyichi Sakamoto [J]

© ORF

1952, MFA from the Tokyo National University of Fine Arts. He is an internationally recognized composer, performer and media artist. His musical works for films [Bernardo Bertolucci: The Last Emperor, The Sheltering Sky, Little Buddha] have received Grammy, Academy and Golden Globe Awards.

Remko Scha [NL]

was trained as a physicist and has worked on Natural Language Processing at Philips Research Labs [Eindhoven, the Netherlands] and BBN Labs [Cambridge, Mass., USA]. Currently, he is head of the Computational Linguistics Department at the University of Amsterdam.

Tom Sherman [CDN]

is an artist and theorist. He is best known for his video art and writing about person/machine relationship. In 1981, with his video Transvideo, he described and critiqued the "information superhighway" in considerable detail. In 1983 he published Cultural Engineering, a comprehensive examination of the conflicts between the individual and state in a democracy held together by electronic media. The same year he founded the Media Arts Section of the Canada Council, Canada's federal agency for support of the arts. Throughout the 90s, Sherman has continued his experiments with voice and image recognition systems.

Roberto Sifuentes [USA]

is an interdisciplinary artist whose work examines the perceptions of Chicano and Mexican cultures. He performs his work internationally and collaborates frequently with Guillermo Gomez-Pena, with whom he created an interactive television special El Naftazteca: Cyber-Aztec TV for 2000 AD, which was broadcast in November 1994 to over 6 million homes. His collaborative work with Gòmez-Peña has also yielded the performance art pieces Borderama and the Dangerous Border Game, as well as the performance/installation The Temple of Confessions and The Mexterminator.

Flavia Sparacino [I/USA]

is a graduate student at the MIT Media Lab. Her main research interest is in combining computer graphics endowed with perceptual intelligence (media creatures), with film/photography, for storytelling in interactive performance spaces, web-based worlds, advertisement, and news presentation. Her other interests include sensors, story interfaces, and computer generated music.
She received a BS in Electrical Engineering from Politecnico di Milano, a BS in Robotics

from Ecole Centrale Paris and an MS in Cognitive Sciences at the Ecole Pratique des Hautes Etudes, Paris, France.

Stadtwerkstatt [A],

Linz, an independent cultural society founded in 1979, dedicated to promoting and furthering initiative in the arts. Since its inception, numerous activities in the area of art and culture, with particular concentration upon "art as a public affair." projects and campaigns focused on art in urban spaces.
Since 1986, employment of the medium of television as an "artistic tool" and production of STWST-TV live programming. During the last few years, commitment to encouraging public access to electronic media:
operation of the Province of Upper Austria's art and culture Internet server [servus.at] and the experimental independent station Radio FRO available in Cable Urfahr.

Station Rose [A/D]

was founded in 1988 as an open public multimedia-lab in Vienna, Austria, by visual artist Elisa Rose and composer Gary Danner. Both have performed, have done art shows, fashion shows and concerts since the late seventies, and had obtained their diplomas at "Hochschule für Angewandte Kunst" in 1987. In 1991 they moved to Frankfurt, Germany, where they live a Digital Bohemian Lifestyle ever since. Station Rose sees the roots of their multimedia language in classic culture as well as in pop culture.

Stahl Stenslie [N]

is working on cognition and perception manipulative projects within the fields of art, media and network-research. He graduated from the University of Oslo, the Art Academies of Oslo and Duesseldorf, and has a masters degree from the Media Academy of Cologne, Germany.

Stelarc [AUS]

has used medical instruments, prosthetics, Virtual Reality systems and the Internet to explore, extend and enhance the body's operational parameters. He has interactively performed with a Third Hand, Robot Manipulaters, a Virtual Arm, a Virtual Body, and a Stomach Sculpture. He has recently developed a touch-screen interfaced Multiple Muscle Stimulation system, enabling remote access, actuation and choreography of the body. Performances such as Ping Body and Parasite probe notions of telematic scaling and the engineering of extended, external and virtual nervous systems for the body using the Internet.

Gerfried Stocker [A] 1964,

© Ars Electronica Center, Linz

He is graduate of the Institute for Telecommunication Engineering and Electronics in Graz. Since 1990, he has been working as an independent artist. In 1991, he founded x-space, a team for the realization of interdisciplinary projects. In this framework noumerous installations and performance projects have been carried out in the field of interaction, robotics and telecommunications. Stocker was also responsible for the concept of various radio and network projects and the organization of the worldwide radio- and network project Horizontal Radio. Since 1995, Gerfried Stocker has been the artistic director of the Ars Electronica Festival and the managing director of the Ars Electronica Center.

Sandy Stone [USA],

Assistant Professor in the Radio-TV-Film Department, the University of Texas at Austin; cultural theorist; performance artist; director of the ACTLab; and spiritual leader of the cadre of mad, brilliant cybercrazies who inhabit it. She is teaching film and video production, gender and sexuality; interface and interaction theory. Her research interests is the traffic in the boundaries between art and technology.

Helen Thorington [USA]

is a writer, tape composer and new media artist. Thorington has created numerous soundscores for film and installation. Thorington is the founder and Executive Director of New Radio and Performing Arts, Inc. She is also the originator and producer of the national weekly radio series, "New American Radio" and of the "somewhere" and "Turbulence" websites.

Time's Up [A]

founded by Tim Boykett [Australia] and Just Merit [Austria], has its principal locus in the Linz harbour of Austria. Pop science will never satisfactorily explain the reactions of the individual to their dependence upon biomechanics, control, perception and their resulting

chain reactions. Together with international Together with international specialists [artists, researchers, biomechanics, etc.] Time's Up produces situations that investigate the impact of these three factors upon the individual, choosing a form of situationist research towards artistic ends.

Victoria Vesna [USA]

is an installation and performance artist working with electronic technology. Her work has moved from performance and video installations to experimental research that connects networked environments to physical public spaces. Victoria is an Associate Professor at UC Santa Barbara teaching Electronic Intermedia and Computer Image and has been instrumental in fostering an interdisciplinary collaboration between the College of Engineering and Art Studio. Currently, she is one of five artist fellows in an online PhD program at CAA Centre for Advanced Inquiry in Interactive Arts at the University of Wales.

Margaret H. Watson [USA]

1967, Master of Fine Arts degree in Electronic Visualization. She has primarily worked with the CAVE VR system. Working as a Virtual Reality artist, she has exhibited her applications in a number of computer graphics festivals including SIGGRAPH, ISEA and the Ars Electronica Festival.

Mark Weiser [USA]

is the Chief Technologist at the Xerox Palo Alto Research Center [PARC]. PhD in Computer and Communications Sciences from the University of Michigan [1979]. In 1987 he joined Xerox PARC as member of the technical staff, then heading the Computer Science Laboratory for seven years. His over 75 technical publications are on such areas as the psychology of programming, program slicing, operating systems, programming environments, garbage collection, and technological ethics. Weiser's work since 1988 has been focused on Ubiquitous Computing, a program he initiated that envisions PC's being replaced with invisible computers imbedded in everyday objects. Weiser is the drummer with rock band Severe Tire Damage, the first live band on the Internet.

Eva Wohlgemuth [A]

born 1955 studied at the Academy of the Fine Arts in Vienna.

Marie-Hélène Tramus [F] Assistant Professor in Arts and Technologies of Image of the University of Paris 8, and Doctor in Aesthetics, Sciences and Technologies of Arts, has participated in the making of computer generated films and interactive installations.

Uli Winters [D],

1965, Arts degree from the Institute for Visual Arts in Hamburg. Constructs machines: dran denken maschine, sprengkasten, zeitkonserve, zumsel-trilogie, love-reminder® ...

Tom Wolfe [USA]

has chronicled American popular culture for more than three decades. His best-selling books include The Electric Kool-Aid Acid Test, The Right Stuff, and The Bonfire of the Vanities. His new novel, due 1998, is set in Georgia.

Adrianne Wortzel [USA]

holds an MFA from the School of Visual Arts, New York. She is currently Adjunct Professor of Mechanical Engineering, Inventing the Inventor teaching at the Cooper Union for the Advancement of Science and Art.

Horst Zachmann [A] 1958,

currently an associate staff member of the Department of Electroacoustics at Vienna's Institute of Music, working on the research project "The Influence of Movement on the Design of Virtual Spaces." Extensive work in the field of electroacoustic music, sound sculptures and sound installations.

Andrea Zapp [D], 1964,

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she studied film theory, russian language and literature at the universities in Marburg and Moscow. After working at the Institute for Film and Image in Munich, she was programme director of the "Interactiva-Festival" in Cologne in 1992 and 1993. Since 1995 she is lecturing at the Academy for Film and Television [HFF] in Potsdam-Babelsberg. She is focussing on the topic of narratives and storytelling, reflecting the transformation of traditional media elements into networked digital models of navigation and communicative environments.