

ICAD 2013 schedule

start	Saturday 06 VII	Sunday 07 VII	Monday 08 VII	Tuesday 09 VII	Wednesday 10 VII	start		
09:00			Conference registration Lodex Building IV floor	Conference registration Lodex Building IV floor		09:00		
09:15					Sonification Programming SIC meeting <i>D. Worrall</i> (conference room 322)	09:15		
09:30						09:30		
09:45					Coffee	09:45		
10:00	HRTF Workshop (theory in Matlab) <i>G. Wersenyi</i> (Lab 413)	Arduino Sonification Workshop (Mozzi) <i>S. Barrass</i> (Lab 215)	Opening	Plenary Lecture II	S7: HRTF and Spatial Audio	10:00		
10:15			Plenary lecture I <i>prof. Ewa Skrodzka</i>	<i>prof. Bozena Kostek</i>		10:15		
10:30						10:30		
10:45						10:45		
11:00			S1: Assistive and Accessibility Technologies	S4: Auditory Display Technologies - part I		11:00		
11:15				Coffee		11:15		
11:30						11:30		
11:45	walk over to the anechoic chamber					11:45		
12:00	HRTF Measurements <i>M. Bujacz</i> (basement of building A10)		Coffee	S5: Auditory Display Technologies - part II		12:00		
12:15						12:15		
12:30				S2: Auditory Display Applications - part I		12:30		
12:45						12:45		
13:00				Lunch	Lunch	13:00		
13:15						13:15		
13:30	Lunch (pizza or eat out)	Lunch (pizza or eat out)	Lunch			13:30		
13:45						13:45		
14:00					S8: Psychoacoustics and Perceptual Research	14:00		
14:15						14:15		
14:30						14:30		
14:45						14:45		
15:00	Python Sonification Workshop <i>D. Worrall</i> (Lab 413)	Student think-tank <i>D. Worrall</i> <i>G. Wersenyi</i> <i>S. Barrass</i> <i>M. Bujacz</i> (conference room 322)	S3: Auditory Display Applications - part II	S6: Auditory Display Methods and Evaluations		15:00		
15:15						Sonification contest demos	15:15	
15:30							Coffee	15:30
15:45								15:45
16:00			Coffee		Poster + demo session	16:00		
16:15						16:15		
16:30						16:30		
16:45				City Tour (buses leave 16:15)		16:45		
17:00					ICAD board meeting and contest judging (teleconference room building A33)	17:00		
17:15						17:15		
17:30						17:30		
17:45			Assistive Technology Think Tank <i>T. Stockman</i> <i>R. Charlampowicz</i>			17:45		
18:00						18:00		
18:15						18:15		
18:30						18:30		
18:45						18:45		
19:00					Conference Banquet (White Factory)	19:00		
19:15						19:15		
19:30						19:30		
19:45						19:45		
20:00	ICAD 2013 Venue Map: http://tinyurl.com/ICAD2013	University Campus Map: http://www.p.lodz.pl/pol/mapa/index.jsp			Announcement of contest winners for best papers/presentations Open mic and closing	20:00		
20:15				Jam Session (Keja Pub)		20:15		
20:30	All conference sessions and workshops take place in building B9 a.k.a "Lodex" Wólczńska 215 unless explicitly stated otherwise.					20:30		
20:45						20:45		

Session 1: Assistive and Accessibility Technologies

- 1.1 Plear Lecture: POLISH RESEARCH ON ACOUSTICAL ASSISTANCE FOR BLIND AND VISUALLY HANDICAPPED PERSONS
Edward Hojan, Ewa Skrodzka
- 1.2 HARD AND SOFT INFORMATION FUSION IN SONIFICATION FOR ASSISTIVE MOBILE DEVICE TECHNOLOGY (presentation via Skype)
Jeff Rimland, Mark Ballora, David Hall
- 1.3 THEWALKING STRAIGHT MOBILE APPLICATION: HELPING THE VISUALLY IMPAIRED AVOID VEERING
Sabrina Paneels, Dylan Varenne, Jeffrey R. Blum, Jeremy R. Cooperstock
- 1.4 VIRTUAL AUDITORY SPACE FOR VISUALLY IMPAIRED - METHODS FOR TESTING VIRTUAL SOUND SOURCE LOCALIZATION
Dominik Storek, Frantisek Rund, Tomas Barath, Stanislav Vitek

Session 2: Auditory Display Applications - part I

- 2.1 SCIENCE OR ART? "SONIFICATION IN THE AGE OF BIOCYBERNETIC REPRODUCTION": A CASE STUDY OF THE ACCESSIBLE AQUARIUM PROJECT (presentation via Skype)
Myounghoon Jeon, Bruce Walker, Carrie Bruce
- 2.2 AN AUDIO GAME APP USING INTERACTIVE MOVEMENT SONIFICATION FOR TARGETED POSTURE CONTROL
Daniel Avissar, Colby Leider, Christopher Bennett, Robert Gailey
- 2.3 INTERACTIVE SONIFICATION OF COLLABORATIVE AR-BASED PLANNING TASKS FOR ENHANCING JOINT ATTENTION
Alexander Neumann, Thomas Hermann
- 2.4 INFODROPS: SONIFICATION FOR ENHANCED AWARENESS OF RESOURCE CONSUMPTION IN THE SHOWER
Jan Hammerschmidt, Thomas Hermann

Session 3: Auditory Display Applications - part II

- 3.1 SPATIALIZED ANONYMOUS AUDIO FOR BROWSING SENSOR NETWORKS VIA VIRTUAL WORLDS
Nicholas Joliat, Brian Mayton, Joseph A. Paradiso
- 3.1 SONIFYING EVERY DAY: ACTIVATING EVERYDAY INTERACTIONS FOR AMBIENT SONIFICATION SYSTEMS
Sam Ferguson
- 3.3 A REVIEW OF HUMAN EEG SIGNAL SONIFICATION METHODS
A. Valjamae, S. Mealla, T. Steffert, S. Holland, X. Marimon, R. Benitez, A. Oliveira, S. Jorda
- 3.4 EXPLORING SONIFICATION FOR AUGMENTING BRAIN SCAN DATA
Agnieszka Roginska, Kent Friedman
- 3.5 SONIC EXPRESSIONS OF CHANGES IN THE PERCENTAGE COVER OF PURPLE MOOR-GRASS, BY ALTITUDE, UNDER HILL SHEEP GRAZING IN WESTERN IRELAND
Riana Walsh, Michael Walsh

Session 4: Auditory Display Technologies - Part I

- 4.1 Plenary Lecture: AUDITORY DISPLAY FROM THE MUSIC TECHNOLOGY PERSPECTIVE
Bozena Kostek
- 4.2 BLENDED SONIFICATION - SONIFICATION FOR CASUAL INFORMATION INTERACTION
Rene Tuennermann, Thomas Hermann
- 4.3 EMBODIED AUDITORY DISPLAY
Stephen Roddy, Dermot Furlong

Session 5: Auditory Display Technologies - Part II

- 5.1 GESTURE-CONTROLLED SOUND MIXING SYSTEM
Michal Lech, Bozena Kostek
- 5.2 EMBEDDED SONIFICATION
Stephen Barrass, Tim Barrass
- 5.3 (moved to poster session by request of author)
- 5.4 SONIC SHAPES: VISUALIZING VOCAL EXPRESSION
Mary Pietrowicz, Karrie Karahalios

Session 6: Auditory Display Methods and Evaluations

- 6.1 SONEX: AN EVALUATION EXCHANGE FRAMEWORK FOR REPRODUCIBLE SONIFICATION
Norberto Degara, Frederik Nagel, Thomas Hermann
- 6.2 EMPIRICAL AESTHETIC EVALUATION OF SONIFICATIONS
Katharina Vogt, Visda Goudarzi, Richard Parmcutt
- 6.3 THE DEVELOPMENT OF A METHOD FOR DESIGNING AUDITORY DISPLAYS; BASED ON SOUNDTRACK COMPOSITION
Doon MacDonald, Tony Stockman
- 6.4 MODELS AND MEASURES OF AUDITORY SALIENCY
Francesco Tordini, Albert S. Bregman, Anupriya Ankolekar, Thomas E. Sandholm, Jeremy R. Cooperstock
- 6.5 UNDERSTANDING THE NEED FOR MICRO-GESTURAL INFLECTIONS IN PARAMETER-MAPPING SONIFICATION
David Worrall

Session 7: HRTF and Spatial Audio

- 7.1 LOW ORDER MODELLING OF HEAD RELATED TRANSFER FUNCTIONS BASED ON SPECTRAL SMOOTHING AND PRINCIPAL COMPONENT ANALYSIS
Michal Pec, Michal Bujacz, Pawel Strumillo
- 7.2 ANALYSIS OF THE SPECTRAL VARIATIONS IN REPEATED HEAD-RELATED TRANSFER FUNCTION MEASUREMENTS
Areti Andreopoulou, Agnieszka Roginska, Hariharan Mohanraj
- 7.3 THE EFFECTS OF ATTENUATION MODELING ON SPATIAL SOUND SEARCH
Kyla A. McMullen, Gregory H. Wakefield
- 7.4 BLENDERCAVE MULTIMODAL SCENE GRAPH EDITOR FOR VIRTUAL REALITY
David Poirier-Quinot, Brian F.G. Katz
- 7.5 ADJUSTING THE PERCEIVED DISTANCE OF VIRTUAL SPEECH SOURCES BY MODIFYING BINAURAL ROOM IMPULSE RESPONSES
Robert Albrecht, Tapio Lokki

Session 8: Psychoacoustic and Perceptual Research

- 8.1 PHANTOM SIGNALS: ERRONEOUS PERCEPTION OBSERVED DURING THE AUDIFICATION OF RANDOM DATA SETS
Paul Lunn, Andy Hunt
- 8.2 CALCULATION OF HUMAN ECHOLOCAION CUES BY MEANS OF THE BOUNDARY ELEMENT METHOD
David Pelegrin Garcia, Bert Roozen, Christ Glorieux
- 8.3 DETERMINATION OF SUBJECTIVE TINNITUS CHARACTERISTICS BY MEANS OF SOUND SYNTHESIS CONTROLLED BY THE TOUCH SCREEN INTERFACE
Tomasz Poremski, Jozef Kotus, Piotr Ody, Piotr Suchowski, Bozena Kostek, Andrzej Czyzewski
- 8.4 MODALITY AND ENCODING STRATEGY EFFECTS ON A VERIFICATION TASK WITH ACCELERATED SPEECH, VISUAL TEXT, AND TONES
Michael A. Nees, Kathryn Best

Poster Papers and Extended Abstracts:

- 9.1 SONIFICATION MAPPING CONFIGURATIONS: PAIRINGS OF REAL-TIME EXHIBITS AND SOUND
Ashley G. Henry, Carrie M. Bruce, Riley J. Winton, Bruce N. Walker
- 9.2 A Multidimensional Sketching interface for Corpus Based Concatenative Synthesis
Augoustinos Tsiros
- 9.3 HAKONIWA: A SONIFICATION ART INSTALLATION CONSISTS OF SAND AND WOODBLOCKS
Yuya Kikukawa, Megumi Kato, Tetsuaki Baba, Kumiko Kushiyaama
- 9.4 A DATABASE OF REPEATED HEAD-RELATED TRANSFER FUNCTION MEASUREMENTS
Areti Andreopoulou, Agnieszka Roginska, Hariharan Mohanraj
- 9.5 SONIFICATION OF A VIRTUAL MODEL OF THE OLD RARE MUSICAL INSTRUMENT
Ewa Lukasik, Michal Materski
- 9.6 OCEANORCH: A SONIFICATION INSTRUMENT LIBRARY FOR OCEANOGRAPHIC DATA
Joachim Gossmann, Jinbo Wang
- 9.7 A SMARTPHONE BASED SONIFICATION AND TELEMETRY PLATFORM FOR ON-WATER ROWING TRAINING
Cesarini, D., Schaffert, N., Manganiello, C., Mattes, K. & Avvenuti, M.
- 9.8 SONIFICATION OF OIL AND GAS WIRELINE WELL LOGS
Gabriel Quintero
- 9.9 HOW IS AUDITORY EMG BIOFEEDBACK EFFECTIVE FOR BLIND PEOPLE?
Masaki Iguchi, Masaki Matsubara, Hideki Kadone, Hiroko Terasawa, Kenji Suzuki
- 9.10 DESIGNING AUDITORY STIMULUS FOR SLEEP ENHANCEMENT
Lauri Ahonen, Matti Grohn, Jussi Virkkala, Sharman Jagadeesan, Minna Huotilainen, Tiina Paunio
- 9.11 AUDITORY GRAPHS NEED ERROR BARS: VALIDATING ERROR-TO-SOUND MAPPINGS AND SCALINGS
Batterman, J.M. & Walker, B.N.
- 9.12 READERS AS AN AUDIO ACCOMMODATION IN HIGH STAKES STANDARDIZED TESTING: DIFFICULTIES WITH EXPERIMENTAL APPROACHES
Michael A. Nees, Lauren Berry, & Charlotte Phillips
- 9.13 TOWARD A SONIFICATION CONCEPT FOR BUSINESS PROCESS MONITORING
Tobias Hildebrandt, Stefanie Rinderle-Ma
- 9.14 TESTING DIFFERENT VERSIONS OF FUNCTIONAL SONIFICATION AS ACOUSTIC FEEDBACK FOR ROWING
N.Schaffert & R. Gehret
- 9.15 PRACTICAL RECOMMENDATIONS FOR USING SOUND TRANSDUCERS WITH GLASS MEMBRANE AS AUDITORY DISPLAY BASED ON MEASUREMENTS AND SIMULATIONS
Gyorgy Wersnyi, Jozsef Repas