

IEPSP



Institute for Experimental
Phonetics and Speech
Pathology



SERBIAN GOVERNMENT
MINISTRY OF EDUCATION, SCIENCE AND
TECHNOLOGY DEVELOPMENT

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SPEECH AND LANGUAGE 2013

4th International Conference on Fundamental and Applied Aspects of Speech and Language

October 25–26, 2013

Sava Center, Congress Culture & Business Center, Milentija Popovića 9 St
Belgrade, Serbia

www.iefpg.org.rs/konferencije.html

PROGRAM

Friday, 25 October 2013

09.00 – 11.00	Registration of the participants
11.00 – 12.30	Opening ceremony
12.30 – 13.00	Presentation Digitalization of Serbian written heritage: Electronic Corpus of Serbian Language from 12th to 18th century Aleksandar Đ. Kostić
13.00 – 14.30	<i>Cocktail</i>

SESSION: S1 ORAL PRESENTATION

Time: 14.30 – 16.30

Chairpersons: *G. Brekhman, D. Rakovic, O.Gouni*

S1.1 14:30-14:50	LANGUAGE AND SPEECH DISORDERS AS A DISPLAY OF PRENATAL AND PERINATAL TRAUMA IN THE HUMAN EVOLUTION CONTEXT	G. Brekhman
S1.2 14:50-15:10	SOCIOBIOLOGY OF FETUS (EMBRYO)	V. Shestakov
S1.3 15:10-15:30	THE EGG and SPERM POLARITY in UNION at HUMAN CONCEPTION	O. Gouni
S1.4 15:30-15:50	STRESS & ANTI-STRESS: HOLISTIC QUANTUM-INFORMATIONAL FRAMEWORK	D. Raković
S1.5 15:50-16:10	HOLISTIC APPROACH TO SPEECH INTERACTION IN NORM AND PATOLOGY	D. Popov, V. Popova
S1.6 16:10-16:30	BASES OF (PRENATAL) COMMUNICATION	M. Sovilj
16.30-17.00	<i>Coffee break</i>	

SESSION: S2 ORAL PRESENTATION

Time: 17.00 – 19.00

Chairpersons: *S. Plesinac, M. Vojnović, V. Shestakov*

S2.1 17:00-17:10	FETAL AUDITORY STIMULATION AND THE CHANGE OF PULSATILITY INDEX OF THE FETAL MIDDLE CEREBRAL ARTERY	S. Plesinac, S. Jankovic, D. Plecas, O. Antonovic, T. Adamovic, M. Sovilj
S2.2 17:10-17:20	VOCAL TRACT SHAPE ESTIMATION FOR CHILDREN AGES TO ONE YEAR	M. Vojnović

S2.3 17:20-17:30	MOVEMENT AND SPEECH	T. Adamović, M. Sovilj, K. Ribarić Jankeš
S2.4 17:30-17:40	APPLICATION OF FUZZY SYSTEMS IN AFFECTIVE COMPUTING	D. Šaletić
S2.5 17:40-17:50	A COMPARATIVE ANALYSIS OF UNDERSTANDING VERBAL ORDERS IN COCHLEAR IMPLANTED CHILDREN AND CHILDREN WITH NORMAL HEARING	S. Todorović, S. Đoković
S2.6 17:50-18:00	EEG CORRELATES OF NON-VERBAL TRANSPERSONAL HOLISTIC PSYCHOSOMATIC COMMUNICATION	B. Bedričić, M. Stokić, Z. Radivojević, D. Milovanović, M. Ostojić, D. Raković, M. Sovilj, S. Maksimović
S2.7 18:00-18:10	IMBALANCED LEARNING APPROACH TO THE CATEGORIZATION OF ARTICULATION DISORDERS	D. Furundžić, S. Jovičić, M. Subotić, S. Punišić
S2.8 18:10-18:20	CHARACTERISTICS OF PERCEPTUAL IDENTIFICATION OF THE DISTORTION DEGREE OF FRICATIVE /Š/ DURATION IN TRAINED AND UNTRAINED LISTENERS	S. Punišić, S. Jovičić, Z. Kašić
S2.9 18:20-18:30	CHANGES IN EEG THETA RHYTHM PEAK FREQUENCY AND AMPLITUDE IN FRONTAL MIDLINE CORTICAL REGION DURING SHORT-TERM AUDITORY MEMORY FORMATION FOR WORDS AND NON-WORDS	M. Stokić, Z. Radivojević, V. Nenadović, S. Maksimović
S2.10 18:30-18:40	THE SPEECH ACT OF APOLOGY IN SPOKEN VERBAL COMMUNICATION	D. Peneva
S2.11 18:40-18:50	MOUTH ACTIONS IN SIGN LANGUAGES: THE ROLE OF MOUTHING IN HZJ	A. Marcaš, M. Milković

SESSION: P1 POSTER PRESENTATION

Time: 14.30-19.00

Chairpersons: *N. Čabarkapa, I. Bogavac*

P1.1	THETA AND ALPHA RHYTHM AMPLITUDE CHANGES DURING AUDITORY PERCEPTION OF WORDS AND NON-WORDS	Z. Radivojević, M. Stokić, D. Pecenić, M. Subotić
P1.2	MAKSIMAL VOWEL SPACE	M. Vojnović
P1.3	INTUITION SPEECH	V. Kljajević, D. Portić
P1.4	INTERDENTAL SIGMATISM – DIACHRONIC FOLLOW UP IN PRONUNCIATION OF SERBIAN SPEAKERS	S. Punišić, S. Golubović, M. Subotić
P1.5	ABILITIES OF PHONOLOGICAL ANALYSIS IN FIRST AND SECOND GRADE ELEMENTARY SCHOOL CHILDREN	N. Stanojević, M. Ranđelović
P1.6	LONGITUDINAL MONITORING OF VOICE QUALITY AT SPEECH THERAPISTS	M. Ranđelović, N. Stanojević
P1.7	PRENATAL COMMUNICATION: HOW IT REFLECTS ON EARLY CHILD DEVELOPMENT	Lj. Dobrijević, M. Rakonjac, M. Vujović, I. Bogavac
P1.8	SPEECH AND LANGUAGE INFORMATION PROCESSING OBSTRUCTION IN A BILINGUAL CHILD	Z. Radičević, Lj. Dobrijević, M. Stokić, M. Subotić, I. Stanković
P1.9	THE ROLE OF THE BASAL GANGLIA IN SPEECH MOTOR CONTROL	M. Vujović, Lj. Jeličić Dobrijević, B. Bedričić, M. Rakonjac, I. Bogavac
P1.10	EVALUATION OF PHONEMES QUALITY ARTICULATION USING NEURAL NETWORK ENSEMBLES	D. Furundžić, S. Jovičić, M. Subotić, Đ. Grozdić,
P1.11	SEMIOTIC ANALYSIS OF SPANISH ADVERTISEMENT ENTITLED "AUTISMO HABLA" – "AUTISM SPEAKS"	I. Mitrović Djordjević, V. Todorović

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Saturday, 26 October 2013

SESSION: S3 ORAL PRESENTATION

Time: 09.30 - 11.30

Chairpersons: *T. Tsenova, S. Đoković, N. Vasileva*

S3.1 09:30-09:40	ASPECTS OF RELATIONSHIP BETWEEN SPECIFIC LANGUAGE IMPAIRMENT AND SPECIFIC DYSLEXIA	T. Tsenova
S3.2 09:40-09:50	EEG APPLICATION IN AUDITORY CORTEX STUDIES IN PATIENTS WITH COCHLEAR IMPLANTS	S. Đoković, S. Maksimović, V. Nenadović, S. Ostojić, S. Todorović
S3.3 09:50-10:00	INTRODUCING PUPILS INTO WRITING SKILLS	Z. Cvetanović, K. Šulović Petković
S3.4 10:00-10:10	NEURAL NETWORK-BASED RECOGNITION OF WHISPERED SPEECH	Đ. Grozdić, B. Marković, J. Galić, S. Jovičić, D. Furundžić
S3.5 10:10-10:20	AUTOMATIC DETECTION OF STRIDENCE IN SPEECH USING THE AUDITORY MODEL	R. Bilibajkić, Z. Šarić, S. Punišić, M. Subotić, S. Jovičić
S3.6 10:20-10:30	CONDITION OF VERBAL ASSOCIATIONS IN PRESCHOOL AGE CHILDREN (NEUROPSYCHOLOGICAL ANALYSIS)	N. Vasileva
S3.7 10:30-10:40	TRANSIENT EVOKED OTOACOUSTIC EMISSION DETECTION USING AUXILIARY PROBE AND NONLINEAR ADAPTIVE FILTERING	Z. Šarić, M. Subotić, S. Jovičić
S3.8 10:40-10:50	Auditory perception - BASIS OF SPEECH AND LANGUAGE DEVELOPMENT	S. Maksimović, S. Đoković
S3.9 10:50-11:00	ACQUISITION OF APPROXIMANTS IN CROATIAN	D. Tomić
S3.10 11:00-11:10	THE INFLUENCE OF FEATURE VECTOR SELECTION ON PERFORMANCE OF AUTOMATIC RECOGNITION OF WHISPERED SPEECH	J. Galić, B. Marković, Đ. Grozdić, S. Jovičić
S3.11 11:10-11:20	THE POWER OF WORD IN EDUCATION AND UPBRINGING	Lj. Klajić
S3.12 11:20-11:30	ABILITY OF NOMINATION IN CHILDREN WITH PHONOLOGICAL DISORDERS	M. Panić, V. Djordjević, S. Todorović
11:30-12:00	<i>Coffee break</i>	

SESSION: S4 ORAL PRESENTATION

Time: 12.00 - 14.00

10 Key Moments to Human Evolution O. Gouni

14.00-15.30 *Coffee break*

SESSION: S5 ORAL PRESENTATION

Time: 15.30 - 17.30

Chairpersons: *S. Jankovic-Raznatovic, M. Subotic, M. Sovilj*

S5.1 15:30-15:40	CHANGE OF PULSATILITY INDEX OF MIDDLE CEREBRAL ARTERY AFTER PRENATAL SOUND STIMULATION IN NO RISK TERM PREGNANCIES	S. Jankovic-Raznatovic, S. Plesinac, M. Sovilj, T. Adamovic, D. Plecas, Dj. Cecez,
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		Lj.Dobrijevic, Dj.Koruga
S5.2 15:40-15:50	THE COMPARISON OF CONSCIOUS AND UNCONSCIOUS ACTIVITY IN THE BEHAVIOUR OF THETA AND BETA EEG RHYTHMS DURING SILENT REHEARSAL OF THE KNOWN PRAYER AND RESTING STATE	M. Sovilj, Z Radicevic., Lj. Dobrijevic
S5.3 15:50-16:00	PALATAL LATERAL APPROXIMANT /ʎ/ AS ONE OF THE MAIN TROUBLEMAKERS IN LEARNING CROATIAN AS L2	A. Dobrić, J. Bičanić
S5.4 16:00-16:10	DEVELOPMENTAL DYSPHASIA – SOME BASIC CHARACTERISTICS	P. Stefanov Petkov
S5.5 16:10-16:20	ARTICULATORY- ACOUSTIC CHARACTERISTICS OF FRICATIVES	M. Subotic, S. Punisić, N Cabarkapa, M.Vojnović
S5.6 16:20-16:30	BASIC COMPETENCIES IN GENETICS FOR SPEECH – LANGUAGE PATHOLOGIST	I. Buzganović , B. Bobić Gece
S5.7 16:30-16:40	APPLICATION OF DTW METHOD FOR WHISPERED SPEECH RECOGNITION	B. Marković, J. Galić, Dj. Grozdić, S. T. Jovičić
S5.8 16:40-16:50	CHILDREN WITH ADHD - PERCEPTION OF EMOTION IN SPEECH	V. Plecevic, A. Kesic
S5.9 16:50-17:00	VOWEL FORMANT FREQUENCIES ESTIMATION FOR NEWBORN CHILDREN	M. Vojnović, I. Bogavac, Lj.Dobrijević
17:00-17:30	CONCLUSIONS AND CLOSING	

SESSION: P2 POSTER PRESENTATION

Time: 09.30-17.30

Chairpersons: *R.Bilibajkić, I. Buzganović*

P2.1	ETHICAL CHALLENGES AND ALTERNATIVE POSSIBILITIES FOR IMPROVING CHILD'S ABILITIES AND BEHAVIOR	B.Bedricic, M.Vujovic
P2.2	VACCINE INJURY AND ITS TREATMENT WITH HOMEOPATHY	D. Marković
P2.3	PROBLEMS OF CHILDREN IN SCHOOL WORK	I.Pavkovic
P2.4	IMPACT OF PREMATURITY ON ARTICULATING STATUS OF 5 YEARS AGED CHILDREN	I. Stanković Miličević, S. Todorović, V. Đorđević, M. Milenković
P2.5	AUTOMATIC DETECTION OF SPEECH PATHOLOGY - TOWARD THE EXPERT SYSTEM	R.Bilibajkić, S. Jovičić, Z. Šarić, S. Punišić, M. Subotić
P2.6	LINGUISTIC CAPACITY OF CHILDREN WITH DI GEORGE SYNDROME	S. Todorović, V. Đorđević, M. Panić
P2.7	THE INFLUENCE OF RH INCOMPATIBILITY TO SPEECH AND LANGUAGE DEVELOPMENT	I. Buzganović, M. Sovilj, N. Čabarkapa
P2.8	LEXEMES AND PHRASES IN ASSOCIATIVE FREQUENCY DICTIONARY OF PRESCHOOL CHILDREN	N. Čabarkapa, S. Fatić I. Buzganović, Z. Radivojević
P2.9	THE INFLUENCE OF EARLY COMMUNICATION ON CHILD DEVELOPMENT AND LEARNING	M. Rakonjac, Lj. Dobrijević
P2.10	GRAPHOMOTOR SKILLS OF CHILDREN WHO STUTTER	N. Stanojević, M Randelović
P2.11	NEUROBIOLOGICAL BASIS AND LINGUISTIC MANIFESTATIONS IN AUTISTIC SPECTRUM DISORDER	S. Torbica Marinkovic
P2.12	LANGUAGE PROFILES OF CHILDREN WITH SUBCLINICAL EPILEPTIFORM EEG DIAGNOSED WITH SPECIFIC LANGUAGE IMPAIRMENT	V. Nenadović, M. Stokić, S. Đoković, Z. Radičević