

IEPSP



Institute for Experimental
Phonetics and Speech
Pathology

LAAC



Life activities
advancement center

Program

SPEECH AND LANGUAGE 2009

3rd International Conference on Fundamental and
Applied Aspects of Speech and Language

Belgrade
13-14 November, 2009

The Ilija M. Kolarac Foundation
Studentski trg 5

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Program

Friday, 13 November 2009

- 09.00 – 11.00 **Registration of the participants**
- 11.00 – 12.00 **Opening ceremony**
- 12.00 – 12.30 **Presentation**
„Quantitative Description of Serbian Language Structure:
Serbian Language from XII to XVIII Century – Domentian“
Academic prof. A. Kostić
- 12.30 – 13.00 **Monographs promotion of Prof. D. Raković**
„Integrativna biofizika, kvantna medicina i kvantno-
holografaska informatika: psihosomatsko-kognitivne
implikacije“
„Integrative biophysics, quantum medicine and quantum-
holographic informatics: psychosomatic-cognitive
implications“
- 13.00 – 14.30 **Cocktail**

SESSION: S1

Time: 14.30 – 16.45

Chairpersons: *O. Gouni, E Dmitrieva*

- S.1.1. **CONCEPTION: A LONG JOURNEY, ONE MOMENT, A WHOLE LIFETIME**
O. Gouni
- S.1.2. **NON-LINGUISTIC INFORMATION INTERCHANGE IN THE PERINATAL SPACE**
G. Brekhman
- S.1.3. **INTERCONNECTION OF SPEAKERS-LISTENERS INDIVIDUAL FEATURES IN EXPRESSION AND RECOGNITION OF SPEECH EMOTIONAL PROSODY**
E. Dmitrieva, V. Gelman, K. Zaitzeva, A. Orlov
- S.1.4. **WORD RECOGNITION PERFORMANCE BETWEEN ESOPHAGEAL AND NORMAL SPEECH IN QUIET AND IN NOISE**
T. Papadas, E. Papadeas, P. Gouma, S. Papadopoulos, N. Trimmis
- S.1.5. **SOME PARALINGUISTIC CHARACTERISTICS OF THE SUBTRACTING SERIAL SEVEN TASK SOLVING IN THE CONDITION OF EXAM STRESS**
M. Nešić, S. Čičević, V. Vučković
- S.1.6. **A NEW FEATURES AND ALGORITHMS IN DIGITAL SPEECH PROCESSING APPLICATION ADS 2.1**
V. Vučković, M. Nešić, S. Čičević
- S.1.7. **THE LATEST NEWS IN EDUCATION OF PEOPLE AFTER A COCHLEAR IMPLANTATION BY USING TOTAL COMMUNICATION IN GREECE**
M. Skanavis, B. Eleni, K. Rodia, K. Styliani, B. Aikaterini
- S.1.8. **PERCEPTION OF NATIVE VS. FOREIGN ACCENT: IS THE ACCENT IN THE WORDS OR IN THE LISTENER'S HEAD?**
R. Bijeljac-Babić, C. Dodane
- S.1.9. **SOME OLD WRITING**
V. Tomić

Discussion

Time: 16.45 – 17.15 **Coffee break**

SESSION: S2

Time: 17.15 - 19.00

Chairpersons: *D. Raković, M. Subotić*

- S.2.1. **MEASURING ENERGY FIELDS AND STATES OF CONSCIOUSNESS** by electrophotonic (GDV) Technique
K. Korotkov
- S.2.2. **THE DIVIDED SELF AS UNDERSTOOD BY SHAMAN NATURAL HEALERS! An Effort of Transcultural Research to Understand Altered States of Mind**
B. J. Øverbye
- S.2.3. **MERIDIAN (PSYCHO)THERAPIES: PSYCHO-PHYSIOLOGICAL CORRELATES**
D. Raković, Ž. Mihajlović Slavinski, M. Sovilj, S. Pantelić, N. Stevović, J. Bojovic, I. Džamić, S. Jovičić, Dj. Baljozović
- S.2.4. **TRANSCRANIAL MAGNETIC STIMULATION - RECENT EXAMPLES OF APPLICATION IN COGNITIVE NEUROSCIENCE**
M. Čukić
- S.2.5. **THE INFLUENCE OF STRESS ON WORD MEANING DEVELOPMENT**
M. Sovilj, S. Maksimović
- S.2.6. **RECOGNITION OF EMOTION HAPPINESS BASED ON THE INTONATION CONTOURS: THE MULTIPLICATIVE - CUMULATIVE MODEL**
M. Rajković, S. T. Jovičić
- S.2.7. **ADULT ATTRIBUTION OF MEANING TO THE NEWBORN CRY: ROLE OF COMMUNICATION AND NEWBORNS' GENDER**
M. Cecchini, C. Lai, V. Langher
- S.2.8. **ONE OF POSSIBILITY TO MAKE SPEECH CORRECTION**
V. Đorđević
- S.2.9. **ANALYSIS AND TREATMENT OF DISTURBED BIOLOGICAL PARAMETERS DETECTED IN CHILDREN WITH VERBAL COMMUNICATION DISORDERS**
M. Selaković, K. Bojović, I Pavković
- S.2.10. **ABOUT THE PHONEME**
M. Subotić, S. Punišić

Discussion

Saturday, 14 November 2009

SESSION: S3

Time: 09.30 - 11.15

Chairpersons: *M. Vojnović, S. Čičević*

- S.3.1. **CROSS-LINGUISTIC COMPARISON OF LINGUISTIC NEGATION**
A. Akbarov
- S.3.2. **UNIVERSALITY AND SPECIFICITY OF THE PHONOLOGICAL KNOWLEDGE BY BULGARIAN CHILDREN**
K. A. Shtereva
- S.3.3. **SENTENCES CREATION FOR THE QuickSIN HEARING TEST METHOD**
M. Vojnović
- S.3.4. **VOWEL AND VOWEL-CONSONANT HARMONY IN PERSIAN**
M. R. Ahmadkhani
- S.3.5. **VARIATION OF ACOUSTIC PARAMETERS FROM SPECTRAL DOMAIN AS INDICATORS OF WORKLOAD**
S. Čičević, M. Nešić, V. Vučković
- S.3.6. **THE ARTICULATION - ACOUSTIC AND AUDITIVE ASPECT OF SOUND DEVIATION IN PATHOLOGICAL ARTICULATION**
S. Punišić, M. Subotić, N. Čabarkapa
- S.3.7. **EEG PROCESSING IN SPEECH-LANGUAGE DISORDERS AT AN EARLY ONTOGENETIC AGES**
Z. Radičević, Lj. Dobrijević, M. Sovilj
- S.3.8. **GENETIC BASE OF AUTISM SPECTRUM DISORDERS**
K. Bojović, M. Miletić
- S.3.9. **CORRECT WORD MELODY IS IMPORTANT**
Lj. Stanimirović
- S.3.10. **DETERMINATION OF RELEVANT PARAMETERS INFLUENCE IN ARTICULATION REGULARITY QUANTIFICATION FOR SERBIAN LANGUAGE PHONEME „Š“ USING NEURAL NETWORKS**
D. Furundžić, M. Subotić, S. Punišić

Discussion

Time: 11.15 – 11.45 **Coffee break**

SESSION: S4

Time: 11.45 - 13.30

Chairpersons: *S. Đoković, S. Maksimović*

- S.4.1. **QUANTITATIVE-QUALITATIVE ANALYSIS OF MINIMAL HEARING LOSS**
S. Đoković, N. Dimić, S. Maksimović
- S.4.2. **THE IMPACT OF THE EMOTIONAL COMMUNICATION ON THE SPEECH DEVELOPMENT IN EARLY CHILDHOOD**
N. Vasileva
- S.4.3. **QUALITY OF LIFE OF COCHLEAR IMPLANT RECIPIENTS – OVERVIEW OF INVESTIGATIONS**
S. Ostojić, B. Mikić, D. Mirić, S. Andrić, M. Asanović, M. Mikić
- S.4.4. **THE ROLE OF A TEACHER IN THE CHOICE OF ALPHABET TEACHING TECHNIQUE IN TEACHING THE BASICS OF READING AND WRITING OF SERBIAN LANGUAGE**
Z. Cvetanović, Kristina Sulovic-Petkovic
- S.4.5. **GENETIC BASIS OF DYSLEXIA**
M. Daničić, I. Buzganović
- S.4.6. **LENGTH OF SURDOLOGICAL TREATMENT AND ACHIEVEMENT ON A ASSOCIATION TEST HEARING DAMAGED CHILDREN IN REGULAR SCHOOL**
I. Pavković, J. Kovačević
- S.4.7. **THE CHARACTERISTICS OF SPEECH PERCEPTION IN CHILDREN WITH VERBAL COMMUNICATION DISORDERS**
S. Maksimović, S. Đoković, M. Sovilj
- S.4.8. **APPLICATION OF THE GAMMATONE AUDITORY MODEL IN ESTIMATION OF THE FUNDAMENTAL FREQUENCY OF NOISY SPEECH**
Z. Šarić, S. Očovaj, R. Peckai-Kovac
- S.4.9. **SOUND AND PSYCHOPHYSIOLOGICAL REACTIBILITY AT THE BIRTH**
T. Adamović, M. Sovilj, K. Ribarić-Jankes, A. Ljubić

Discussion

Time: 13.30 – 14.30 **Break**

SESSION: S5

Time: 14.30 - 16.15

Chairpersons: *B. Mikić, A. Højen*

- S.5.1. INFLUENCE OF DEGRADED SPEECH SIGNAL ON SHORT-TERM AUDITORY MEMORY**
B. Mikić, D. Mirić, S. Ostojić, N. Arsović, M. Mikić, M. Asanović
- S.5.2. DETAILED VOCALIC INFORMATION IN DANISH 20-MONTH-OLDS' NOVEL WORDS**
A. Højen, T. Nazzi
- S.5.3. PART-OF-SPEECH TAGGING BY COMBINING MARKOV MODELS WITH MACHINE LEARNING**
A. Kupusinac, M. Sečujski
- S.5.4. PHONOSTYLISTIC VARIANTS OF THE DISCOURSE PROSODIC UNITS IN BULGARIAN**
D. Popov, V. Popova
- S.5.5. MONTESSORI TEACHING IN PRE-PRIMARY EDUCATION**
S. E. Azemobor
- S.5.6. CONTEMPORARY APPROACHES RELATING TO PRENATAL DEVELOPMENT OF AUDITORY PERCEPTION AND PRENATAL HEARING SCREENING**
Lj. Dobrijević, M. Sovilj, A. Ljubić
- S.5.7. VERBAL MEMORY AT CHILDREN WHO STUTTER AND EMOTION-RELATED WORD SEMANTIC**
M. Stokić, N. Stevović, M. Sovilj
- S.5.8. ANALYSIS OF ACOUSTIC FEATURES IN SINGING VOICE**
M. Šljivić, S. T. Jovičić
- S.5.9. SIGNIFICANCE OF SPECTRAL CHARACTERISTICS OF SPEECH IN IDENTIFICATION OF SPEAKER: COMMUNICATIONAL ASPECTS**
M. Đorđević, S. T. Jovičić
- S.5.10. FUNCTIONAL MRI: APPLICATION IN COGNITIVE NEUROSCIENCE**
C. Corradi, Dell'Acqua, A. Vallesi, M. Čukić

Discussion

Time: 16.15 – 16.45 **Coffee break**

SESSION: S6

Time: 16.45 - 18.30

Chairpersons: *N. Glumbić, A. Kozyra*

- S.6.1. UNRECOGNIZED PRAGMATIC DISORDERS IN “TYPICALLY DEVELOPING” CHILDREN**
N. Glumbić, B. Brojčin
- S.6.2. A GLANCE AT THE SPEECH AND LANGUAGE FROM THE ASPECT OF THEIR PATHOLOGY**
N. Čabarkapa, M. Stokić, S. Punišić, M. Subotić
- S.6.3. GEMINATES IN SLAVONIC LANGUAGES**
A. Kozyra
- S.6.4. PECULIARITIES OF WORK WITH STUDENTS WHO HAVE EMOTIONAL AND BEHAVIOURAL DISORDERS**
N. Lalić-Vučetić, N. Gutvajn
- S.6.5. TEACHING A FOREIGN LANGUAGE THROUGH TRANSLITERATION**
A. Khare
- S.6.6. LINGUISTIC COMPETENCE OF DYSPHASIC SCHOOL AGE CHILDREN**
E. Lazarević
- S.6.7. ROLE OF RECOGNITION OF SPEECH SOUNDS INTO WORDS FOR THE FORMATION OF ARTICULATION AND PHONOLOGICAL ABILITY**
Tz. Tzenova
- S.6.8. SPEAKER IDENTIFICATION BASED ON RANGE OF PITCH CHANGES**
M. Vojnović
- S.6.9. EMOTIONAL VERBAL EXPRESSION**
V. Đorđević, N. Stevović, M. Stokić, M. Sovilj

Discussion

Time: 18.30-19.00

CONCLUSIONS AND CLOSING

SESSION: P1

Time: 09.30-18.30

Chairpersons: *K.Bojović, M.Daničić*

- P.1.1. COMMUNICATION AND SCHOOL UNDERACHIEVEMENT**
N. Gutvajn, N. Lalić-Vučetić
- P.1.2. DISRUPTING GENE ON CHROMOSOME 7 (CNTNAP2) IS ASSOCIATED WITH AUTISM**
M. Miletic, K. Bojović
- P.1.3. THE LENGHT OF HEARING TREATMENT AND LANGUAGE DEVELOPMENT LEVEL IN CHILDREN WITH HEARING IMPAIRMENT IN ELEMENTARY SCHOOL**
I. Pavković, J. Kovačević
- P.1.4. THE APPRAISAL OF SPEECH SIGNAL DETECTION IN CHILDREN WITH SPEECH- LANGUAGE DISORDERS**
V. Plečević
- P.1.5. THE INFLUENCE OF NEUROFEEDBACK TRAININGS IN CHILDREN WITH DEVELOPMENT DYSLEXIA**
K. Krstić, Z. Milosavljević, D. Marković
- P.1.6. EARLY EXPOSURE TO DIRECT AND BACKGROUND TELEVISION OF CHILDREN WITH SPECIFIC LANGUAGE IMPAIRMENT AND PERVASIVE DEVELOPMENTAL DISORDER**
V. Nenadović, S. Punišić, M. Selaković
- P.1.7. FAIRY TALE AND CHILD**
M. Theodoratou-Bekou
- P.1.8. THE IDENTIFICATION OF LANGUAGE DISORDER AND DYSLEXIA GENES**
M. Daničić, M. Vujović, I. Bogavac

