

XXXVth
International
Congress
on Electrophysiology

**49th International Symposium
on Vectorcardiography**

**7th International Symposium
on Comparative Electrophysiology**

PROGRAM

**September 18-21, 2008
St. Petersburg, Russia**

Dear colleagues!

Registration of participants of the XXXVth International Congress on Electrocardiology will be held in the Scientific Center of the Russian Academy of Sciences (5, University Emb.) on September, 18 from 10.00 to 18.00, and on following days – in the Palace of Scientists (26, Dvortsovaya Emb.) during the work of the Congress.

Sessions of the XXXVth International Congress on Electrocardiology will be held:

- in the **St. Petersburg Scientific Center** of the Russian Academy of Sciences (5, University Emb.) on September, 18 from 14.00 to 18.00;

- in the **Palace of Scientists** (26, Dvortsovaya Emb.) on September, 19 – from 9.00 to 18.00; on September, 20 – from 9.30 to 13.00; on September, 21 – from 9.30 to 13.00.

Participants will have an opportunity to give their brief papers in e-form during the registration.



The Organization Committee requires all participants to follow the time-limit indicated below:

- **Lectures** – 25 min and 5 min for questions and discussion;
- **Plenary reports** – 15 min and 5 min for questions and discussion;
- **Oral presentations** – 10 min and 5 min for questions and discussion.

Posters will be presented in the hall of the Palace of Scientists:

- on September, 19 – from 10.00 to 13.00 (Poster Session № 1) and from 15.30 to 18.00 (Poster Session № 2);
- on September, 20 – from 10.00 to 13.00 (Poster Session № 3);

✓ Discussion concerning poster presentations will be held during coffee breaks. The Organization Committee requires authors of posters to be near their presentations during this time.



RUSSIAN ACADEMY OF SCIENCES

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Laboratory of Comparative Cardiology

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The Official Congress Service Agency
and Congress Secretariat: MONOMAX



INTERNATIONAL SOCIETY OF ELECTROCARDIOLOGY

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2008, September 18th, Thursday



Presidium of St. Petersburg Scientific Center
of the Russian Academy of Sciences
5, University Emb.



2008, September 18th, Thursday

Presidium of St. Petersburg Scientific Center
of the Russian Academy of Sciences

14.00 - 14.30

OPENING CEREMONY

Welcome address

Michail P. Roshchevsky, *Russia*

President of the XXXVth Congress on Electrocardiology

Peter W. Macfarlane, *United Kingdom*

President of International Society of Electrocardiology

Physiology Section, Biology Sciences Division, Russian Academy
of Sciences

The Government of Saint Petersburg

Musical welcome:

Olga Sosnovskaya (*soprano*), *Russia*

Vladimir Yurkovskiy (*tenor*), *Russia*



2008, September 18th, Thursday
Presidium of St. Petersburg Scientific Center
of the Russian Academy of Sciences

14.30 - 15.00

RIJLANT LECTURE

Chair person: *P.W. Macfarlane, United Kingdom*

PARADOXES IN ELECTROCARDIOGRAPHIC DIAGNOSIS OF LEFT
VENTRICULAR HYPERTROPHY: QRS VOLTAGE CRITERIA

L. Bacharova, Slovakia

15.00 – 15.30 Coffee Break



2008, September 18th, Thursday

Presidium of St. Petersburg Scientific Center
of the Russian Academy of Sciences

15.30 - 17.50 - Plenary Reports

BASIC ELECTROCARDIOLOGY AND MAGNETOCARDIOGRAPHY

Chair person: *P.W. Macfarlane, United Kingdom*
L. De Ambroggi, Italy

15.30 – 15.50

CLINICAL CHARACTERIZATION AND PROGNOSTIC VARIABLES IN
JAPANESE PATIENTS WITH BRUGADA SYNDROME IN COMPARISON
WITH EUROPEAN STUDIES (abstract, p. 41)

M. Hiraoka, Japan

15.50 – 16.10

ECG AND ECHOCARDIOGRAPHIC FEATURES IN HYPERTENSIVE
PATIENTS WITH A HISTORY OF ATRIAL FIBRILLATION (abstract, p. 75)

R. Nadeau, Canada

16.10 – 16.30

VAT MAPS IN DIAGNOSING RIGHT BUNDLE BRANCH BLOCKS
(abstract, p. 105)

M. Sobieszczanska, Poland



2008, September 18th, Thursday

Presidium of St. Petersburg Scientific Center
of the Russian Academy of Sciences

16.30 – 16.50

THE DC-SQUID-BASED MAGNETOCARDIOGRAPHIC SYSTEMS FOR
CLINICAL APPLICATIONS (abstract, p. 67)

Yu. Maslennikov, Russia

16.50 – 17.10

NEW ELECTRO/VECTORCARDIOGRAPHIC PATTERN
DISTINGUISHES ASSOCIATION OF LAFB AND LPFB (abstract, p. 84)

C.A. Pastore, Brazil

17.10 – 17.30

50 YEARS SINCE THE «FLASH» TYPE OF VENTRICULAR
MYOCARDIAL ACTIVATION IN UNGULATE ANIMALS WAS
DISCOVERED

I. Roshchevskaya, Russia

17.30 - 17. 50

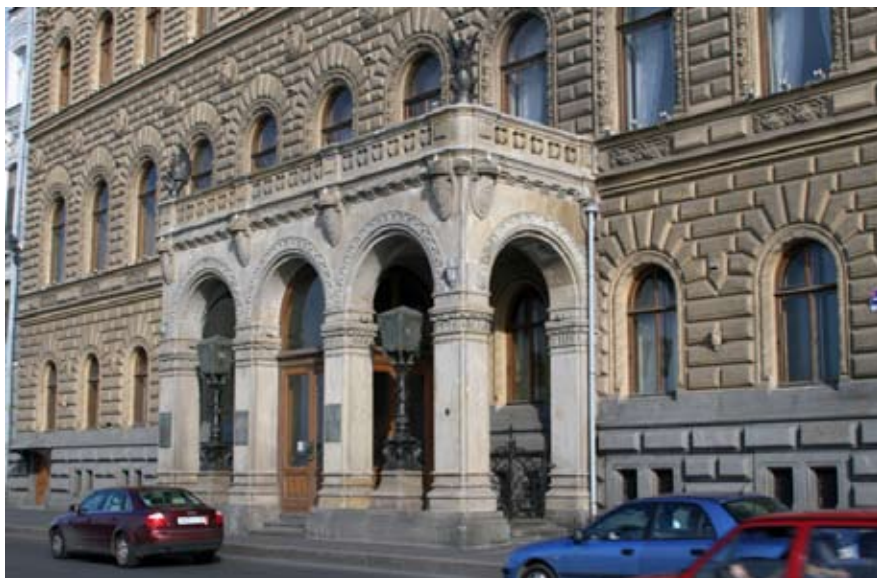
HEMODYNAMIC COMPROMISE ASSOCIATED WITH TWIN
ATRIOVENTRICULAR NODES IN THE POST-OPERATIVE PERIOD
AFTER FONTAN PALLIATION (abstract, p. 27)

P. Dorostkar, Canada

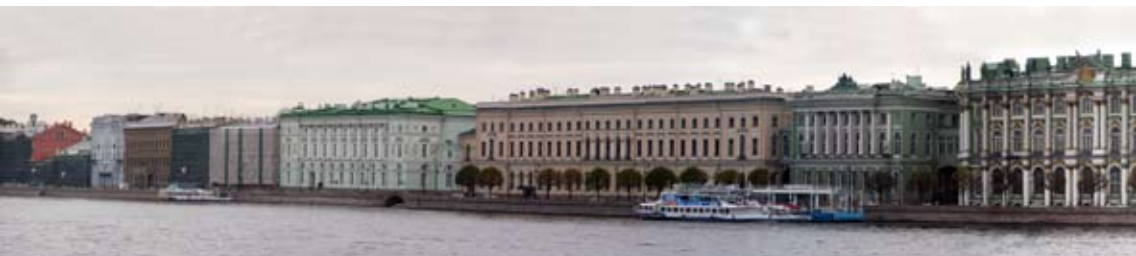
18.00 - Welcome reception



2008, September 19th, Friday
Palace of Scientists, Russian Academy of Science



Palace of Scientists Russian Academy of Science
26, Dvortsovaya Emb.



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

 **WHITE HALL**

9.00 – 9.30

WELCOME TO PALACE OF SCIENTISTS

Chair person: [M.P. Roshchevsky, Russia](#)

INFORMATION ABOUT PALACE OF SCIENTISTS

[A.D. Nozdrachev, Russia](#)

9.30 – 10.00

LECTURE

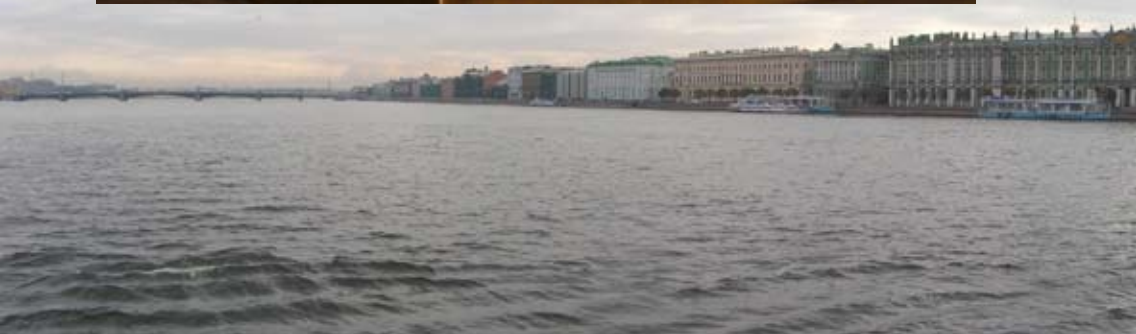
Chair person: [Gy. Kozmann, Hungary](#)

**THE MODELING AND PROCESSING OF ATRIAL
FIBRILLATION SIGNALS**

[A. van Oosterom, Netherlands/Switzerland](#)

10.00 – 10.30 – Coffee Break







2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

 **WHITE HALL**

10.30-12.00

**BIOMATHEMATICS AND BIOPHYSICS
OF THE CARDIAC ELECTRIC FIELD,
COMPUTER SIMULATION**

Chair person: *L. Titomir, Russia*
M. Tyšler, Slovakia

10.30-10.45

IDENTIFICATION OF LOCAL REPOLARIZATION CHANGES IN THE
HEART BY AN INVERSE SOLUTION WITH TWO DIPOLES (abstract,
p. 109)

M. Tyšler, Slovakia

10.45-11.00

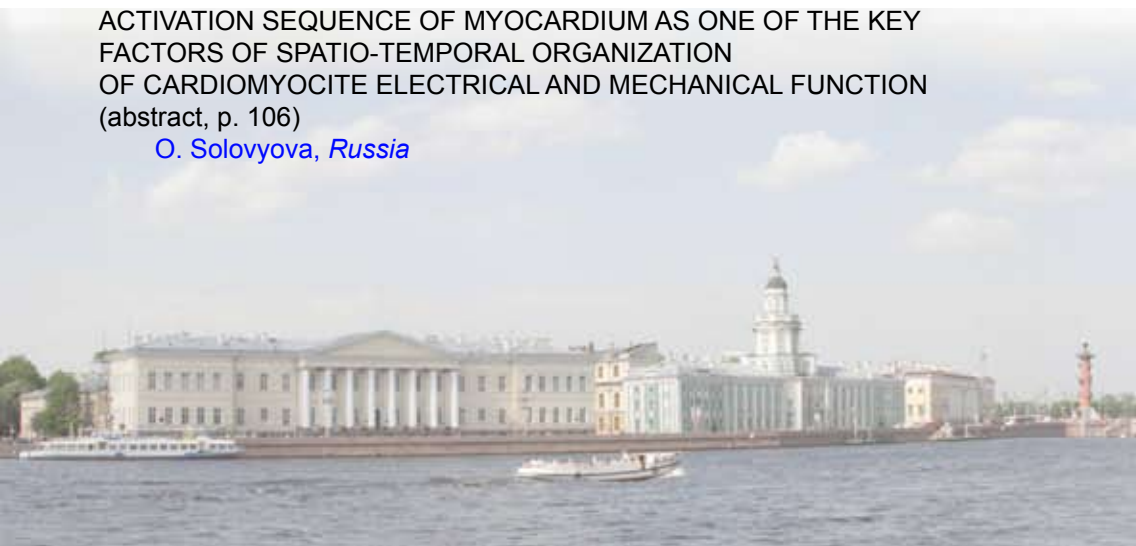
BSPM-BASED ASSESSMENT OF BEAT-TO-BEAT ACTIVATION
AND REPOLARIZATION DYNAMICS

Gy. Kozmann, Hungary

11.00-11.15

ACTIVATION SEQUENCE OF MYOCARDIUM AS ONE OF THE KEY
FACTORS OF SPATIO-TEMPORAL ORGANIZATION
OF CARDIOMYOCYTE ELECTRICAL AND MECHANICAL FUNCTION
(abstract, p. 106)

O. Solovyova, Russia



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11.15-11.30

NONINVASIVE VISUALIZATION OF THE CARDIAC
ELECTROPHYSIOLOGICAL CHARACTERISTICS BY MULTIPOLE
ELECTROCARDIOTOPOGRAPHY FOR RECOGNITION
OF MYOCARDIAL INFARCTION (abstract, p. 111)

L. Titomir, Russia

11.30-11.45

RESPIRATORY AND POSTURAL CHANGES OF THE INTEGRAL BODY
SURFACE POTENTIAL MAPS IN BEAT-TO-BEAT PRESENTATION
(abstract, p. 110)

V. Szathmary, Slovakia

11.45-12.00

ON THE RELIABILITY OF CARDIAC RECOVERY MAPS FROM
EXTRACELLULAR MARKERS (abstract, p. 21)

P. Colli Franzone, Italy

12.00 – 14.00 – Lanch

12.00 – 14.00 – ISE Council Meeting



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

 **SMALL LECTURE HALL**

10.30-12.00

**CLINICAL ECG, CLINICAL
ELECTROPHYSIOLOGY OF ARRHYTHMIAS, HEART
RATE REGULATION**

Chair person: [L. Bacharova, Slovakia](#)
[R. Nadeau, Canada](#)

10.30-10.45

ELECTROPHYSIOLOGICAL EVALUATION OF NATURE OF THE HEART
RHYTHM FORMATION (abstract, p. 91)

[V. Pokrovskii, Russia](#)

10.45-11.00

PERTINENT SIGNAL-AVERAGED ECG PARAMETERS SELECTION
FOR RECOGNITION OF SUSTAINED VENTRICULAR TACHYCARDIA
(abstract, p. 43)

[Z. Szymanski, Poland](#)

11.00-11.15

EFFECTS OF BIVENTRICULAR PACING ON ELECTROCARDIO-
GRAPHIC AND VECTORCARDIOGRAPHIC PARAMETERS – ASSOCIA-
TION WITH VENTRICULAR ARRHYTHMIAS ON FOLLOW-UP (abstract,
p. 26)

[P. Dilaveris, Greece](#)



2008, September 19th, Friday

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11.15-11.30

A METHOD FOR GRAPHICAL PRESENTATION OF LOCATION AND EXTENT OF AREA AT RISK ESTIMATED FROM ST SEGMENT DEVIATIONS IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION (abstract, p. 9)

[L. Bacharova, Slovakia](#)

11.30-11.45

THE SYSTEMIC CARDIAC AMYLOIDOSES: DIFFERENCES IN ELECTROCARDIOGRAPHIC PROFILES AND CLINICAL COURSES (abstract, p. 92)

[C. Rapezzi, Italy](#)

11.45-12.00

THE ROLE OF ELECTROCARDIOGRAPHY IN DIAGNOSTIC OF VENTRICULAR ASYMMETRICAL HYPERTROPHY (abstract, p. 112)

[M.I. Alexeeva, Russia](#)

12.00 – 14.00 – Lunch

12.00 – 14.00 – ISE Council Meeting



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

OAK HALL

10.00 – 12.00 – Poster Session

EXPERIMENTAL AND CLINICAL APPLICATION OF BODY SURFACE POTENTIAL MAPPING. MAGNETOCARDIOGRAPHY

P01 EARLY VENTRICULAR REPOLARIZATION (J WAVE): ASSOCIATION WITH OTHER REPOLARIZATION FEATURES (abstract, p. 22)

[A.D. Corlan](#), [M.B. Horacek](#), [L. De Ambroggi](#), *Romania, Canada, Italy*

P02 EFFECTS OF OBESITY ON REPOLARIZATION PARAMETERS OF THE CARDIAC ELECTRIC FIELD (abstract, p. 94)

[V. Regecova](#), [E. Kelleroва](#), [E.A.I. Aidu](#), *Slovakia, Russia*

P03 ELECTROCARDIOGRAPHIC QUANTIFICATION OF THE INFARCT LESION DURING THE COURSE OF MYOCARDIAL INFARCTION (abstract, p. 123)

[P. Vesterinen](#), [M. Kylmala](#), [M. Stenroos](#), [J. Dabek](#), [M. Lindholm](#), [H. Vaananen](#), [M. Holmstrom](#), [K. Lauerma](#), [L. Toivonen](#), *Finland*



2008, September 19th, Friday

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P09 NONDIPOLARITY OF T-WAVE IN INITIAL PHASE OF ACUTE MYOCARDIAL INFARCTION. A COMPUTER SIMULATION WITH ECGSIM (abstract, p. 50)

[M. Kesek](#), [O. Gustavsson](#), [U. Wiklund](#), *Sweden*

P05 FETAL MAGNETOCARDIOGRAPH DESIGNED FOR UNSHIELDED ENVIRONMENTS (abstract, p. 16)

[N.A. Bondarenko](#), [V.M. Zakosarenko](#), [P. Van Leeuwen](#), [S. Schiermeier](#), [D. Groenemeyer](#), [W. Hatzmann](#), [H.-G. Meyer](#), *Germany*

P06 MAGNETOCARDIOGRAPHIC P-WAVE INTEGRAL MAPPING IN MITRAL REGURGITATION (abstract, p. 121)

[A.V. Vasnev](#), [Yu.V. Maslennikov](#), *Russia*

P07 MAGNETOCARDIOGRAPHIC STUDY OF STRETCH-INDUCED CHANGES IN CONDUCTION VELOCITY IN THE RIGHT VENTRICLE DURING SHORT-TERM HEMODYNAMIC OVERLOAD (abstract, p. 120)

[A.V. Vasnev](#), [Yu.V. Maslennikov](#), [M.A. Primin](#), *Russia*



2008, September 19th, Friday

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P08 ALGORITHMS FOR THE FETAL CARDIAC SIGNAL EXTRACTION FROM THE SYNCHRONOUS MULTICHANNEL ELECTROCARDIOTOPOGRAPHIC ABDOMINAL DATA (abstract, p. 55)

[N. Kolomeyets](#), [A.S. Kuzivanova](#), [M.P. Roshchevsky](#), [M.A. Murashko](#), [I.M. Roshchevskaya](#), *Russia*

P09 EFFECT OF ACUTE HYPOXIA ON ELECTRIC ACTIVITY OF HUMAN HEART (abstract, p. 11)

[A.V. Baranov](#), [M.I. Bocharov](#), [S.V. Strelnikova](#), [N.I. Panteleeva](#), [I.M. Roshchevskaya](#), *Russia*

P10 BODY SURFACE POTENTIAL MAPPING DURING VENTRICULAR DEPOLARIZATION OF SPORTSMEN AND NON-TRAINED MEN (abstract, p. 107)

[S.V. Strelnikova](#), [N.I. Panteleeva](#), [I.M. Roshchevskaya](#), [M.P. Roshchevsky](#), *Russia*



2008, September 19th, Friday

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P11 BODY SURFACE POTENTIAL MAPPING DURING VENTRICULAR REPOLARIZATION IN SPORTSMEN AND NONTRAINED PEOPLE (abstract, p. 83)

[N.I. Panteleeva](#), [S.V. Strelnikova](#), [I.M. Roshchevskaya](#),
[M.P. Roshchevsky](#), *Russia*

P12 MORPHOLOGICAL AND FUNCTIONAL FEATURES OF HEART OF CHILDREN SUFFERING FROM BRONCHIAL ASTHMA (abstract, p. 30)

[I.V. Fishman](#), [M.E. Morotskaya](#), [I.M. Roshchevskaya](#), *Russia*

P13 SATRO – A NEW METHOD OF EXAMINING THE CARDIOELECTRIC FIELD (abstract, p. 42)

[J.S. Janicki](#), [J.K. Jagielski](#), [M. Sobieszczanska](#), [L. Rusiecki](#),
[M.K. Chapinski](#), [L.J. Janicki](#), *Poland*

12.00 – 14.00 – Lunch

12.00 – 14.00 – ISE Council Meeting



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

OAK HALL

10.00 – 12.00 – Poster Session

CLINICAL ECG, SIGNAL AVERAGED ECG, PACING, DEFIBRILLATORS

P14 NEGATIVE SEQUENCE VOLTAGES EVALUATION OF VENTRICLES IN PATIENTS WHO RECEIVED CORONARY ARTERY BYPASS GRAFT SURGERY (abstract, p. 18)

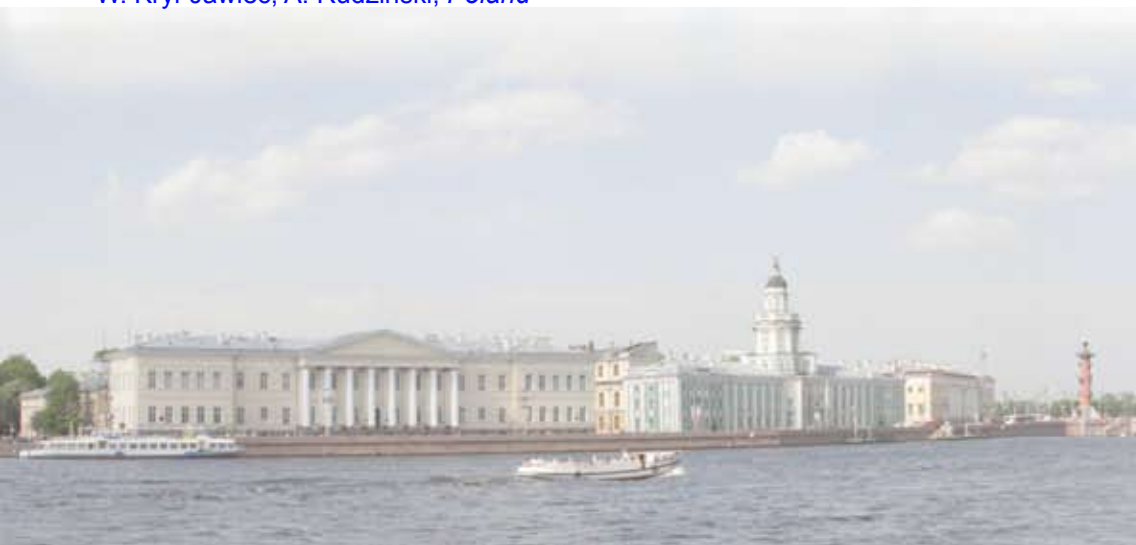
[W. Carson](#), [J.C. Hsu](#), [S.H. Chu](#), [Y.Z. Tseng](#), *Taiwan*

P15 NEGATIVE SEQUENCE VOLTAGES EVALUATION OF ATRIA IN PATIENTS WHO RECEIVED CORONARY ARTERY BYPASS GRAFT SURGERY (abstract, p. 17)

[W. Carson](#), [J.C. Hsu](#), [S.H. Chu](#), [Y.Z. Tseng](#), *Taiwan*

P16 INFLUENCE OF LEFT VENTRICLE AFTERLOAD ON DEPOLARIZATION AND REPOLARISATION PARAMETERS IN CHILDREN WITH AORTIC VALVE STENOSIS (abstract, p. 88)

[B.J. Pietrucha](#), [E. Olczykowska-Siara](#), [B. Zaluska-Pitak](#),
[W. Kryl-Jawiec](#), [A. Rudzinski](#), *Poland*



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P17 EVALUATION OF VARIABILITY OF ESCAPE RHYTHM IN CHILDREN WITH CONGENITAL COMPLETE ATRIO – VENTRICULAR BLOCK (abstract, p. 89)

[B.J. Pietrucha](#), E. Olczykowska-Siara, J. Oko-Lagan, A. Rudzinsk, *Poland*

P18 PECULIARITIES OF ECG CHANGES IN ANTERIOR LEADS V1-4 AT PATIENTS WITH MYOCARDIAL INFARCTION DUE TO LCX OR RCA OCCLUSION (abstract, p. 100)

[I. Serafinovich](#), *Belarusia*

P19 DISPARITY OF REST ECHO CG AND 12-LEAD ECG IN TOPICAL DIAGNOSTICS OF ANTERIOR NON Q WAVE MYOCARDIAL INFARCTION (abstract, p. 47)

D. Karnaliuk, I. [Serafinovich](#), V. Snegicky, T. Dolgoshey, T. Liskovich, V. Denisovich, *Belarusia*

P20 VENTRICLE REPOLARIZATION IN NORMAL AND ABNORMAL CARDIAC CONDITIONS REFLECTED BY GENERALIZED QTA AND TPTE ELECTROCARDIOGRAPHIC INTERVALS (abstract, p. 74)

[G.A. Muromtseva](#), L.A. Popov, O.V. Baum, V.I. Voloshin., S.K. Prilutskaya, *Russia*



2008, September 19th, Friday

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P21 DIABETES MELLITUS, CHRONIC MYOCARDIAL INFARCTION AND ELECTRICAL INSTABILITY (abstract, p. 73)

[I. Mozos](#), [M. Hancu](#), [A. Cristescu](#), *Romania*

P22 ELECTROCARDIOGRAPHIC LEFT VENTRICULAR HYPERTROPHY IN HEMODEIALYSIS PATIENTS CAN OFTEN BE REVERSIBLE? (abstract, p. 68)

[H. Matsuo](#), [K. Ito](#), [Y. Andoh](#), [K. Nakamura](#), *Japan*

P23 ECG MANIFESTATIONS IN PATIENTS WITH ACUTE ISCHEMIC STROKE (abstract, p. 65)

[Z. Marcetic](#), [D. Djikic](#), [T. Novakovic](#), [B. Dejanovic](#), [V. Peric](#), *Pristina/Gracanica Serbia*

P24 HEART RATE AND BLOOD PRESSURE RESPONSE TO EXERCISE IN MITRAL VALVE PROLAPSE. ROLE OF CATECHOLAMINES (abstract, p. 103)

[E.P. Silva](#), [M.M. Pedro](#), [L. Neves](#), [M.J. Gato Varela](#), [M.P. Bicho](#), [M.G. Lopes](#), *Portugal*

P25 THE CLINICAL SIGNIFICANCE OF CONDITIONS PRESENTING WITH ECG CHANGES MIMICKING ACUTE MYOCARDIAL INFARCTION (abstract, p. 124)

[M. Yahalom](#), [M. Gellerman](#), [A. Wishniak](#), [M. Brezins](#), [N. Fridman](#), [A. Vazan](#), [M. Nasser](#), [F. Nassar](#), [N. Roguin](#), *Israel*



2008, September 19th, Friday

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P26 THE CASE OF TAKOTSUBO CARDIOMYOPATHY IN PATIENT WITH CORONARY HEART DISEASE (abstract, p. 56)

[D.A. Konyushenko](#), [A.N. Kulikov](#), [M.B. Nagorny](#), [V.Y. Sukhov](#), [I.S. Zheleznyak](#), *Russia*

P27 ORGANIC HEART DISEASE IS AN IMPORTANT MORTALITY PREDICTOR FACTOR AMONG PATIENTS PRESENTING WITH SYNCOPE OF UNKNOWN ORIGIN (abstract, p. 34)

[K. Gatzoulis](#), [G. Karystinos](#), [T. Gialernios](#), [P. Dilaveris](#), [H. Sotiropoulos](#), [A. Synetos](#), [P. Arsenos](#), [I. Kallikazaros](#), [C. Stefanadis](#), *Greece*

P28 INFLUENCE OF ACTIVE MEDICAL OBSERVATION ON THE COURSE OF THE DISEASE AND CLINICAL OUTCOMES OF PATIENTS WITH ATRIAL FIBRILLATION (abstract, p. 36)

[S.I. Getman](#), *Russia*

P29 HOW DOES NEW-ONSET ATRIAL FIBRILLATION AFFECT THE OUTCOME OF PATIENTS WITH NON-ISCHEMIC DILATED CARDIOMYOPATHY AND AN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (abstract, p. 40)

[E. Hatzinikolaou-Kotsakou](#), *Greece*

12.00 – 14.00 – Lanch

12.00 – 14.00 – ISE Council Meeting



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

WHITE HALL

14.00 – 15.30

YOUNG INVESTIGATOR'S COMPETITION

Chair person: *M. Hiraoka, Japan*
C. Pastore, Brazil

14.00-14.15

EARLY REPOLARIZATION SYNDROME AND HEART FAILURE SIGNS
(abstract, p. 15)

A. Bobrov, Russia

14.15-14.30

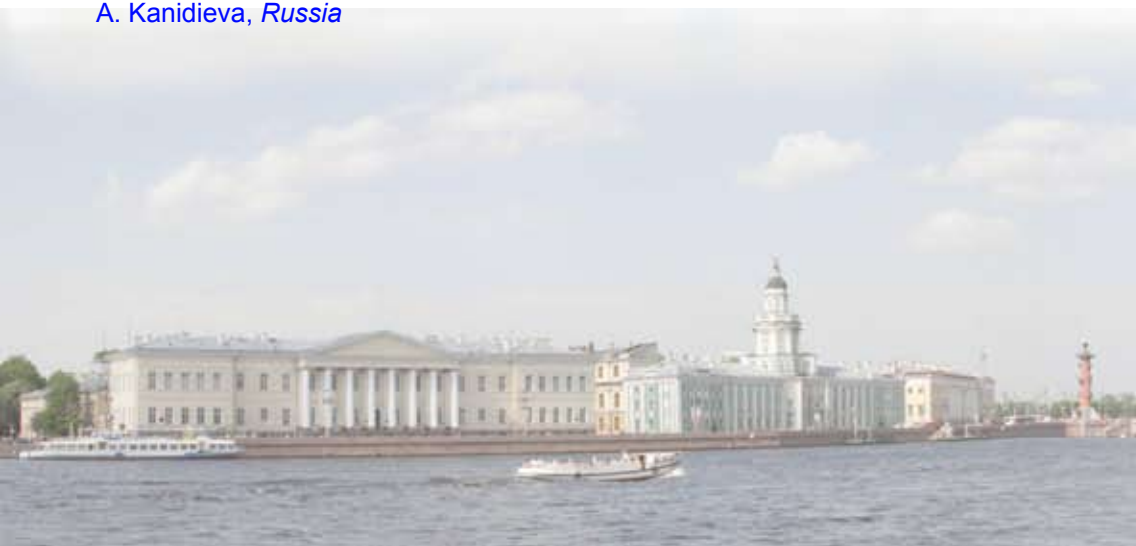
CLINICAL SIGNIFICANCE OF ELECTROCARDIOGRAM PATTERN IN
PATIENTS WITH BUNDLE BRANCH BLOCK (abstract, p. 32)

M. Fukushima, Japan

14.30-14.45

SURFACE ATRIAL FREQUENCY ANALYSIS IN PATIENTS WITH ATRIAL
FIBRILLATION: PREDICTION OF CATHETER ABLATION EFFECTS
(abstract, p. 46)

A. Kanidieva, Russia



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Palace of Scientists, Russian Academy of Science

14.45-15.00

FEATURES OF NON-ST-SEGMENT ELEVATION ACUTE CORONARY SYNDROME IN WOMEN (abstract, p. 48)

[D. Katagarov, *Russia*](#)

15.00-15.15

COMPARISON OF SEROTONIN AND CATECHOLAMINES IN CONTRACTION REGULATION OF MYOCARDIUM IN FAILING HUMAN HEART (abstract, p. 53)

[V. Kirillova, *Russia*](#)

15.15-15.30

BODY SURFACE POTENTIAL MAPPING DURING VENTRICULAR DEPOLARIZATION OF PREGNANT WOMEN (abstract, p. 60)

[A. Kuzivanova, *Russia*](#)

15.30 – 16.00 – Coffee Break.



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

 **WHITE HALL**

16.00 – 18.00

7TH INTERNATIONAL SYMPOSIUM

ON COMPARATIVE ELECTROCARDIOLOGY

Chair person: *A. van Oosterom, Netherlands/Switzerland*
I. Roshchevskaya, Russia

16.00-16.15

BODY SURFACE CARDIOELECTRIC FIELD OF NESTLINGS WITH
NORMAL BODY TEMPERATURE AND DURING COOLING
(abstract, p. 93)

A. Rasputina, Russia

16.15-16.30

THE IMPACT OF CHRONIC BETA-ADRENOCEPTOR ACTIVATION ON
MYOCARDIAL STRUCTURE AND FUNCTION IN RATS (abstract, p.81)

O. Osadchii, Denmark

16.30-16.45

CHANGES OF ELECTROCARDIOGRAM IN PIED FLYCATCHER
NESTLINGS RELATED WITH AGE AND THE FORMATION
OF A BEHAVIOR (abstract, p. 37)

T.B. Golubeva, Russia



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

16.45-17.00

CARDIOELECTRIC FIELD ON BODY SURFACE IN RATS WITH ACUTE MYOCARDIAL INFARCTION ON BACKGROUND OF MYOCARDIAL HYPERTROPHY (abstract, p. 102)

[Yu.V. Shorokhov, Russia](#)

17.00-17.15

VARIABILITY OF INSULIN EFFECTS ON CONTRACTILITY OF THE GROUND SQUIRREL HEART: POSSIBLE MECHANISMS (abstract, p. 76)

[O. Nakipova, Russia](#)

17.17-17.30

THE SEASONAL PECULIARITIES OF MODIFICATION IN FORCE-FREQUENCY RELATIONSHIP OF THE GROUND SQUIRREL MYOCARDIUM UNDER HYPOTHERMIA (abstract, p. 126)

[N. Zakharova, Russia](#)

17.30-17.45

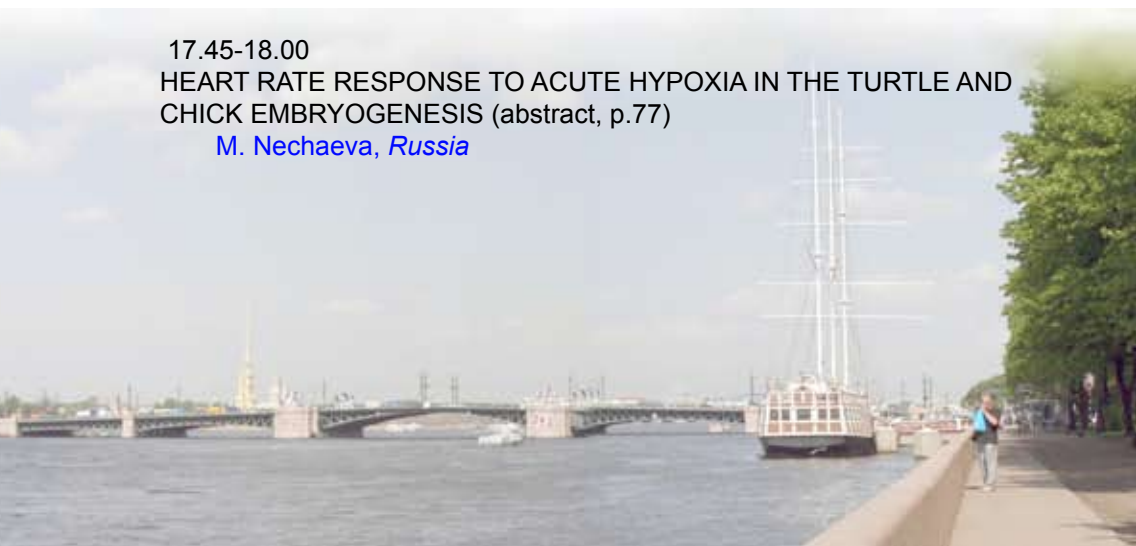
THE CARDIAC ACTIVITY OF TWO SPECIES OF BIVALVE: COMPARATIVE ANALYSIS (abstract, p. 10)

[I. Bakhmet, Russia](#)

17.45-18.00

HEART RATE RESPONSE TO ACUTE HYPOXIA IN THE TURTLE AND CHICK EMBRYOGENESIS (abstract, p.77)

[M. Nechaeva, Russia](#)



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

SMALL LECTURE HALL

16.00 – 18.00

BASIC ELECTROPHYSIOLOGY

Chair person: [E. Hatzinikolaou-Kotsakou, Greece](#)
[C. Rapezzi, Italy](#)

16.00-16.15

ACUTE CORONARY SYNDROME-LIKE ECG AS RISK FACTOR FOR
DELAYED DIAGNOSIS OF ACUTE AORTIC SYNDROME.

(abstract, p. 62)

[C. Rapezzi, Italy](#)

16.15-16.30

PHASIC RESPONSE OF MYOCARDIAL REPOLARIZATION
TO VENTRICULAR OVERLOAD (abstract, p. 99)

[J. Azarov, Russia](#)

16.30-16.45

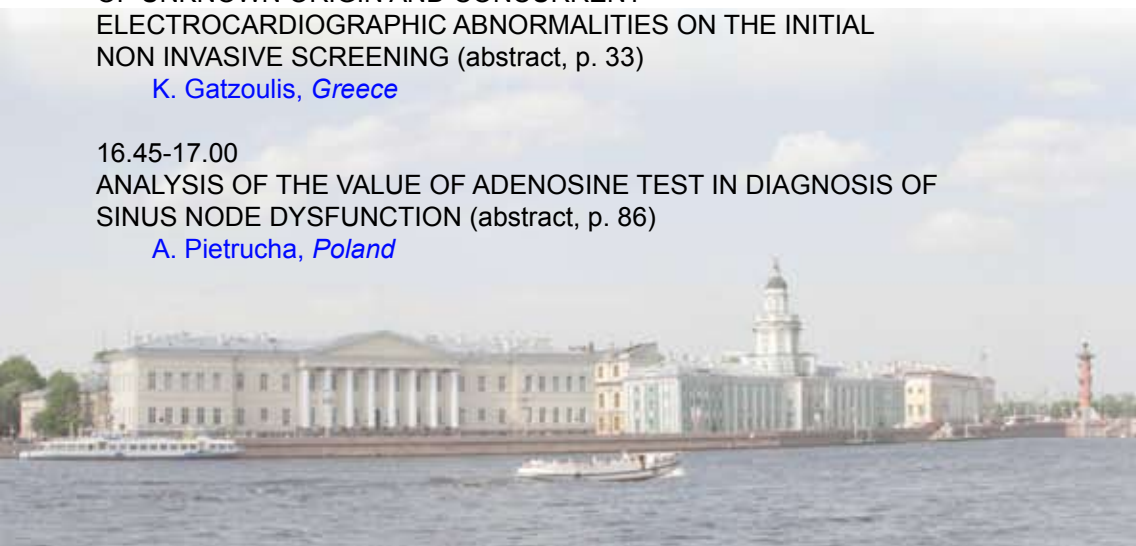
IMPAIRED LONG TERM PROGNOSIS OF PATIENTS WITH SYNCOPE
OF UNKNOWN ORIGIN AND CONCURRENT
ELECTROCARDIOGRAPHIC ABNORMALITIES ON THE INITIAL
NON INVASIVE SCREENING (abstract, p. 33)

[K. Gatzoulis, Greece](#)

16.45-17.00

ANALYSIS OF THE VALUE OF ADENOSINE TEST IN DIAGNOSIS OF
SINUS NODE DYSFUNCTION (abstract, p. 86)

[A. Pietrucha, Poland](#)



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

17.00-17.15

ANALYSIS OF INFLUENCE OF THE HYPERTROPHIC CARDIOMYOPATHY ON HRV PARAMETERS AND DURATION OF QRS COMPLEXES, QT AND TRANSMYOCARDIAL REPOLARISATION IN CHILDREN (abstract, p. 90)

[B. Pietrucha, Poland](#)

17.15-17.30

NONINVASIVE MARKERS IN IDENTIFYING PATIENTS AT RISK IN THE BRUGADA SYNDROME: STRATIFIERS FOR LIFE THREATENING VENTRICULAR ARRHYTHMIAS AND SUPRAVENTRICULAR ARRHYTHMIAS (abstract, p. 39)

[E. Hatzinikolaou-Kotsakou, Greece](#)

17.30-17.45

VENTRICULAR EPICARDIAL ACTIVATION-TO-REPOLARIZATION COUPLING UNDER HYPERKALEMIA IN THE RABBIT (abstract, p. 7)

[J. Azarov, Russia](#)

17.45-18.00

ON SOME DETAILS IN HEART RATE VARIABILITY DIAGNOSTICS IN PATIENTS WITH CORONARY ARTERY DISEASE (abstract, p. 70)

[T. Mironova, Russia](#)

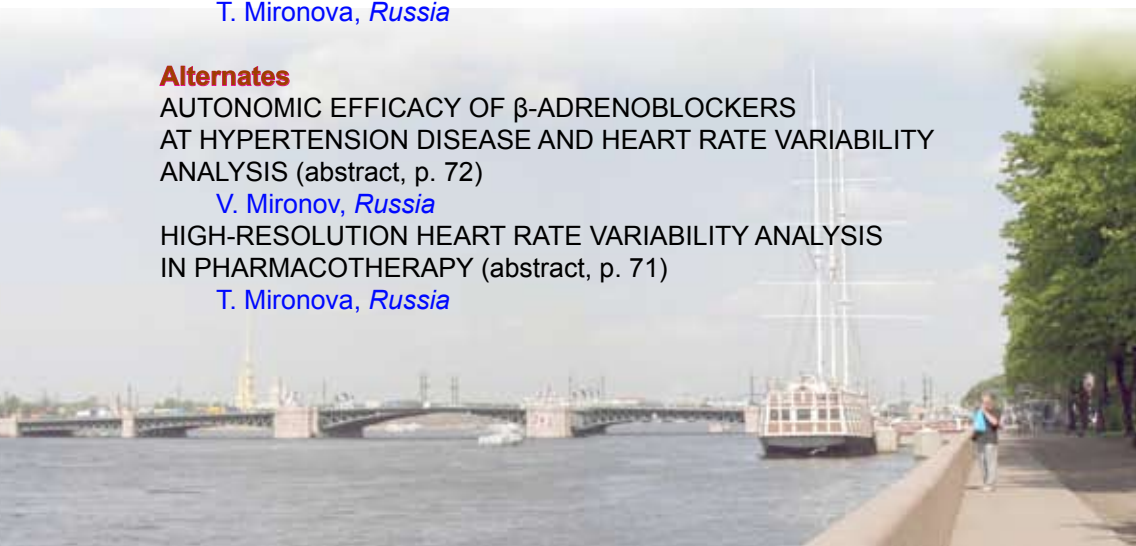
Alternates

AUTONOMIC EFFICACY OF β -ADRENOBLOCKERS AT HYPERTENSION DISEASE AND HEART RATE VARIABILITY ANALYSIS (abstract, p. 72)

[V. Mironov, Russia](#)

HIGH-RESOLUTION HEART RATE VARIABILITY ANALYSIS IN PHARMACOTHERAPY (abstract, p. 71)

[T. Mironova, Russia](#)



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

OAK HALL

14.00 – 18.00 Poster Session

7TH INTERNATIONAL SYMPOSIUM ON COMPARATIVE ELECTROCARDIOLOGY

P30 CHOLINERGIC INEXCITABILITY IN ATRIAL MYOCARDIUM OF LOWER VERTEBRATES (abstract, p. 5)

[D.V. Abramochkin](#), [V.S. Kuzmin](#), *Russia*

P31 ELECTROPHYSIOLOGICAL CHARACTERISTICS OF THE LEFT ATRIUM-PULMONARY VEIN (LA-PV) CARDIOMYOCYTES OBTAINED FROM XIN-ALPHA-KNOCKOUT MOUSE HEART (abstract, p. 19)

[Y.C. Chen](#), [F.C. Chan](#), [Y.J. Lai](#), [C.I. Lin](#), *Taiwan*

P32 CHARACTERISTICS OF *IN VIVO* VENTRICULAR REPOLARIZATION IN RABBITS AND MINIATURE PIGS (abstract, p. 79)

[T. Nishina](#), [K. Ito](#), [M. Kuwahara](#), [H. Tsubone](#), *Japan*

P33 CARDIAC ELECTROPHYSIOLOGICAL PHENOTYPE IN KCNQ1 MUTANT RAT (WTC DEAFNESS KYOTO) (abstract, p. 59)

[M. Kuwahara](#), [T. Yagi](#), [K. Soma](#), [K. Ito](#), [H. Tsubone](#), *Japan*

P34 CHARACTERISTIC OF ADAPTIVE AND COMPENSATORY RESPONSES IN COWS IN CONNECTION WITH SEXUAL CYCLES (abstract, p. 31)

[V.D. Fomina](#), [O.V. Golovlyova](#), [V.I. Maximov](#), *Russia*



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

P35 ELECTRICAL HEART ACTIVITY OF THE NEWBORN CALVES
(abstract, p. 49)

[A.A. Kazakova](#), [M.P. Roshchevsky](#), [I.M. Roshchevskaya](#), *Russia*

P36 CARDIOELECTRIC ACTIVITY OF SNAKE'S HEART WHEN HEATING

(abstract, p. 97)

[I. Rutskina](#), [I. Roshchevskaya](#), [N. Litvinov](#), [M. Roshchevsky](#), *Russia*

P37 OSCILLATIONS IN HEART RATE AND BLOOD PRESSURE IN ANESTHETIZED RATS DURING IMPULSE HEMORRHAGE (abstract, p. 28)

[A.V. Dvornikov](#), [E.V. Runova](#), *Russia*

P38 THE ARCHITECTURE OF WORKING MYOCARDIUM AND THE MORPHOFUNCTIONAL CHARACTERISTICS OF THE LEFT VENTRICLE OF HEART IN PIGS (abstract, p. 12)

[E. Bartusevich](#), [I. Roshchevskaya](#), [A. Gulyaeva](#), *Russia*

P39 THE CONTRIBUTION OF MYOCARDIAL LAYERS TO PROPAGATION OF VENTRICULAR EXCITATION IN EXPERIMENTAL AND GENETIC MODELS OF HYPERTENSION (abstract, p. 108)

[O. Suslonova](#), [S. Smirnova](#), [Roshchevskaya](#), *Russia*



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

OAK HALL

14.00 – 18.00 Poster Session

BASIC ELECTROPHYSIOLOGY

P40 THE DISORDER OF HEART RATE AUTONOMICREGULATION OF PATIENTS WITH THE CORONARY HEART DISEASE AT POSTPRANDIAL PERIOD (abstract, p. 6)

[M. Alexeeva](#), [T. Treshkur](#), *Russia*

P41 GETTING TOO HIGH: VENTRICULAR FIBRILLATION TRIGGERED BY MARIJUANA USE (abstract, p. 44)

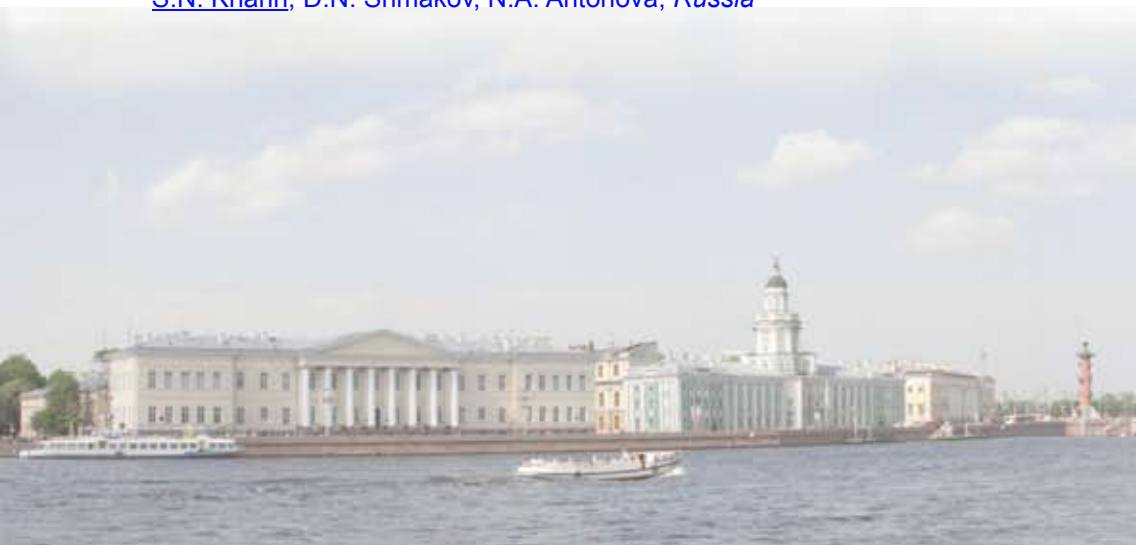
[A.M. Johri](#), [C.S. Simpson](#), [D.P. Redfearn](#), [M. Methot](#), [A. Baranchuk](#), *Canada*

P42 ARTIFACT INDUCED BRUGADA SYNDROME WITH ST-SEGMENT ELEVATION IN THE LATERAL LEADS (abstract, p. 45)

[J.S. Kang](#), [A.M. Baranchuk](#), *Canada*

P43 EFFECT OF CARDIAC PACING ON TRANSMURAL VENTRICULAR REPOLARIZATION IN CHICKENS (abstract, p. 51)

[S.N. Kharin](#), [D.N. Shmakov](#), [N.A. Antonova](#), *Russia*



2008, September 19th, Friday

Palace of Scientists, Russian Academy of Science

P44 EFFECTS OF ATRIOVENTRICULAR AND MONOFOCAL PACING OF THE RIGHT VENTRICULAR APEX ON THE PUMP FUNCTION AND REPOLARIZATION OF THE CANINE HEART VENTRICLES

(abstract, p. 52)

[N.A. Kibler](#), [A.S. Tsvetkova](#), [J.E. Azarov](#), [V.P. Nuzhny](#), [D.N. Shmakov](#),
Russia

P45 VENTRICULAR REPOLARIZATION UNDER THE MONO- AND BIFOCAL ELECTRICAL PACING OF THE CANINE HEART

(abstract, p. 115)

[A.S. Tsvetkova](#), [N.A. Kibler](#), [J.E. Azarov](#), [D.N. Shmakov](#), *Russia*

P46 THE CASE OF THE BRUGADA SYNDROME WITH FALSE PRESENTATION OF ACUTE CORONARY SYNDROME (abstract, p. 95)

[E.P. Rudyak](#), [A.N. Kulikov](#), [M.V. Zubakova](#), [M.B. Nagorniy](#), *Russia*

P47 HEART RATE TURBULENCE IN ELDERLY MEN WITH A HIGH CARDIOVASCULAR RISK (abstract, 101)

[A.V. Shabalin](#), [E.N. Guliaeva](#), [A.A. Konovalova](#), *Russia*

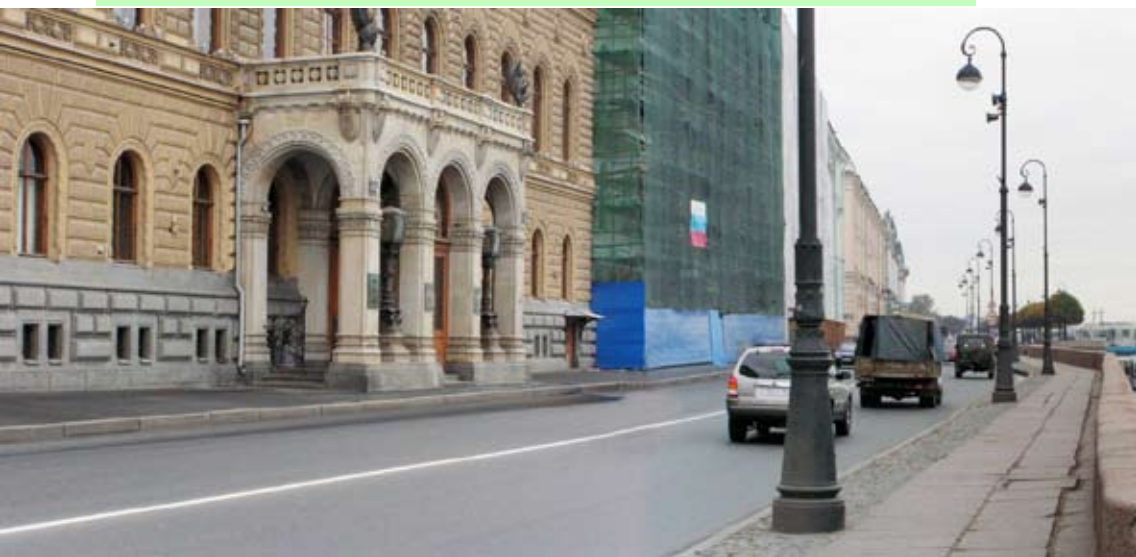


2008, September 20th, Saturday

Palace of Scientists Russian Academy of Science



Palace of Scientists Russian Academy of Science
26, Dvortsovaya Emb.



2008, September 20th, Saturday
Palace of Scientists Russian Academy of Science

 **WHITE HALL**

9.30 – 10.00 – Lecture

Chair person: [M. Roshchevsky, Russia](#)

THE EARLY REPOLARIZATION PATTERN: CLINICAL IMPLICATIONS
(abstract, p. 23)

[L. De Ambroggi, Italy](#)

10.00 – 10.30 – Coffee Break



2008, September 20th, Saturday

Palace of Scientists, Russian Academy of Science

WHITE HALL

10.30 – 12.30

BASIC ELECTROPHYSIOLOGY

Chair person: *V. Pokrovskii, Russia*

R. Nigmatullina, Russia

10.30-10.45

MOLECULAR MECHANISMS OF REGULATION OF MYOCARDIUM
INOTROPIC FUNCTIONS BY 5-HT₂ AND 5-HT₄ RECEPTORS
IN CHILDREN WITH CONGENITAL HEART DISEASES (abstract, p. 78)

R. Nigmatullina, Russia

10.45-11.00

AN APPROACH TO IMPROVE ELECTROCARDIOGRAPHIC CRITERION
FOR PREDICTING ATRIAL FIBRILLATION IN PATIENTS WITH
HYPERTROPHIC CARDIOMYOPATHY (abstract, p. 13)

L. Titomir, Russia

11.00-11.15

THE SEQUENCE OF THE EXCITATION WAVE SPREADING ON THE
EPICARDIUM IN THE AREA OF PULMONARY VEINS FALLING INTO
THE LEFT ATRIUM IN RATS (abstract, p. 104)

I. Roshchevskaya, Russia



2008, September 20th, Saturday

Palace of Scientists, Russian Academy of Science

11.15-11.30

CHAMBER-SPECIFIC EFFECTS OF HYPOKALEMIA ON VENTRICULAR ARRHYTHMOGENICITY IN THE GUINEA-PIG HEART (abstract, p. 80)

[O. Osadchii, Denmark](#)

11.30-11.45

BIOMAGNETIC RISK STRATIFICATION BY QRS FRAGMENTATION IN PATIENTS WITH IMPLANTED CARDIOVERTER DEFIBRILLATORS (abstract, p. 25)

[D. Di Pietro Paolo, Germany](#)

11.45-12.00

DETECTION OF HEART FAILURE BY STRESS ECHOCARDIOGRAPHY WITH HEART RATE PACING (abstract, p. 14)

[A. Bobrov, Russia](#)

12.00-12.15

VAT MAPS IN DETECTING INTRAVENTRICULAR CONDUCTION DISTURBANCES IN CHILDREN WITH CHRONIC RENAL FAILURE (abstract, p. 105)

[M. Sobieszczanska, Poland](#)

12.15-12.30

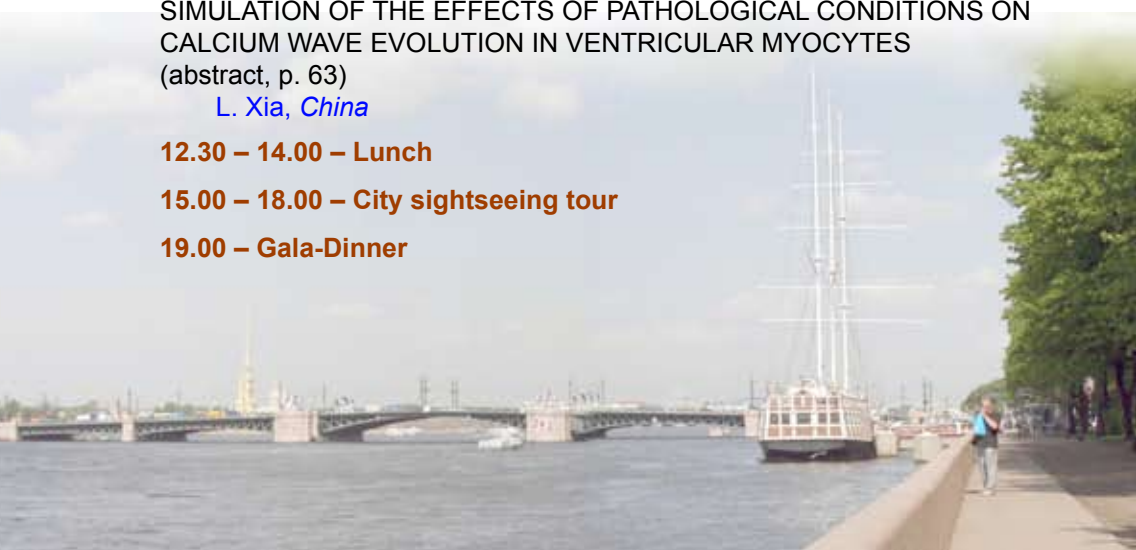
SIMULATION OF THE EFFECTS OF PATHOLOGICAL CONDITIONS ON CALCIUM WAVE EVOLUTION IN VENTRICULAR MYOCYTES (abstract, p. 63)

[L. Xia, China](#)

12.30 – 14.00 – Lunch

15.00 – 18.00 – City sightseeing tour

19.00 – Gala-Dinner



2008, September 20th, Saturday

Palace of Scientists, Russian Academy of Science

OAK HALL

10.00 – 12.30 Poster Session

CLINICAL ELECTROPHYSIOLOGY OF ARRHYTHMIAS, HOLTER MONITORING, HEART RATE REGULATION

P48 HOLTER MONITORING OF ELECTROCARDIOGRAM AT VARIOUS KINDS OF DANGEROUS FOR LIFE AND EXTREME SITUATIONS (abstract, p. 117)

[I.B. Ushakov](#), [J.A. Bubeev](#), *Russia*

P49 VENTRICULAR TACHYCARDIA OR FIBRILLATION ON EPS IS AN IMPORTANT MORTALITY PREDICTOR FACTOR AMONG PATIENTS PRESENTING WITH SYNCOPE OF UNKNOWN ORIGIN (abstract, p. 35)

[K. Gatzoulis](#), [G. Karystinos](#), [T. Gialernios](#), [H. Sotiropoulos](#), [S. Sideris](#), [P. Dilaveris](#), [P. Arsenos](#), [I. Kallikazaros](#), [C. Stefanadis](#), *Greece*

P50 HEART RATE TURBULENCE IN PATIENTS WITH ISCHEMIC POLYMORPHIC VENTRICULAR ECTOPIA (abstract, p. 116)

[A.A. Tsvetnikova](#), [E.R. Bergardt](#), [E.V. Parmon](#), [N.I. Ananieva](#), [T.V. Treshkur](#), *Russia*



2008, September 20th, Saturday

Palace of Scientists, Russian Academy of Science

P51 USEFULNESS OF THE PORTABLE ECG MONITORING, HCG-801 IN CLINICAL PRACTICE– COMPARISON WITH 12-LEAD ECG (abstract, p. 82)

[Y. Ozawa](#), Y. Kasamaki, K. Iijima, M. Ota, A. Shindo, I. Watanabe, A. Hirayama, K. Yamada, M. Masuno, K. Kusumoto, *Japan*

P52 A PRELIMINARY STUDY OF SHORT TERM HRV ANALYSIS OF A TAIWANESE MVPS POPULATION (abstract, p. 113)

[L.W. Tsai](#), I.F. Yang, M.H. Chou, T.F. Yang, *Taiwan*

P53 COMPARISON OF SHORT TERM AND 24 HOURS AMBULATORY HRV IN TAIWANESE MVPS PATIENTS (abstract, p. 114)

[L.W. Tsai](#), I.F. Yang, M.H. Chou, T.F. Yang, *Taiwan*

P54 RR INTERVAL HISTOGRAM IN PATIENTS WITH PERMANENT ATRIAL FIBRILLATION AND AFTER RADIOFREQUENCY CATHETER ABLATION (abstract, p. 118)

[R. Vaiciulyte](#), A. Puodziukynas, V. Sileikis, T. Kazakevicius, *Lithuania*

PP55 HOT BALLOON FOR ISOLATING THE POSTERIOR LEFT ATRIUM INCLUDING PULMONARY VEINS TO TREAT ATRIAL FIBRILLATION (abstract, p. 98)

[S. Satake](#), H. Sohara, H. Takeda, H. Ueno, *Japan*



2008, September 20th, Saturday

Palace of Scientists, Russian Academy of Science

P56 COMPARISON BETWEEN ANGIOTENSIN CONVERTING ENZYME INHIBITOR AND ANGIOTENSIN RECEPTOR BLOCKER ON CARDIOVASCULAR TOLERANCE AFTER HEMODIALYSIS: HEART RATE VARIABILITY AND QT INTERVAL ANALYSIS (abstract, p. 125)

[I.F. Yang](#), [L.W. Tsai](#), [T.F. Yang](#), *Taiwan*

P57 SLEEP APNEA IN PATIENTS WITH IMPLANTABLE CARDIOVERTER DEFIBRILLATORS (ICD) (abstract, p. 69)

[W.F. McIntyre](#), [D. Campbell](#), [J.W. Kim](#), [C.S. Simpson](#), [D.P. Redfearn](#), [M. Fitzpatrick](#), [W.M. Hopman](#), [A. Baranchuk](#), *Canada*

P58 ADVANTAGES OF 12-LEAD CONTINUOUS ECG MONITORING IN ASSESSMENT OF THROMBOLYTIC THERAPY (abstract, p. 24)

[M.M. Demidova](#), [V.M. Tichonenko](#), [N.N. Burova](#), *Russia*

P59 ELECTROPHYSIOLOGICAL EFFECTS REGISTERED IN HEART AT ANODAL SECTION OF VAGUS NERVES IN CONSCIENCE DOG (p. 54)

[M.S. Klykova](#), [V.M. Pokrovskij](#), *Russia*



2008, September 20th, Saturday

Palace of Scientists, Russian Academy of Science

P60 DEPENDENCE ON DURATION OF A PREAUTOMATIC PAUSE AT THE ANODAL BLOCK FROM INITIAL PARAMETERS OF THE HEART RATE VARIABILITY (abstract, p. 38)

[D.V. Gurbich](#), [V.M. Pokrovskij](#), *Russia*

P61 EVALUATION OF CLINICAL VALUE OF DECREASED INTRINSIC HEART RATE IN PATIENTS WITH SUSPECTED SINUS NODE DYSFUNCTION AND CORONARY ARTERY DISEASE (abstract, p. 87)

[A.Z. Pietrucha](#), [W. Piwowarska](#), *Poland*

P62 AUTOMATISM OF SINUS NODE IN PATIENTS WITH VASO-VAGAL SYNCOPE (abstract, p. 85)

[A.Z. Pietrucha](#), [M. Wnuk](#), [E. Wojewodka-Zak](#), [M. Wegrzynowska](#), [D. Mroczek-Czernecka](#), [I. Bzukala](#), [E. Konduracka](#), [W. Piwowarska](#), *Poland*

P63 DYNAMICS OF THE ELECTRICAL ACTIVITY IN THE FORM OF A VORTEX WITH STRAIGHT OR U-SHAPED FILAMENTS DURING TACHYSYSTOLIA ATTACKS (abstract, p. 58)

[N.I. Kukushkin](#), [K.N. Gorbacheva](#), [A.N. Sklifas](#), *Russia*

P64 HEART RATE VARIABILITY AT NONAGENARIANS (abstract, p. 20)

[N.A. Chermnykh](#), [N.A. Igoshina](#), *Russia*



2008, September 21th, Sanday



Palace of Scientists, Russian Academy of Science
26, Dvortsovaya Emb.



2008, September 21th, Sanday

Palace of Scientists, Russian Academy of Science

 **WHITE HALL**

9.30 – 10.00 – Lecture

Chair person: *A. van Oosterom, The Netherlands/Switzerland*

AUTOMATED ECG ANALYSIS 2008: GUIDELINES / UPDATE

P.W. Macfarlane, United Kingdom

10.00 – 10.30 – Coffee Break



2008, September 21th, Sunday

Palace of Scientists, Russian Academy of Science

WHITE HALL

10.30 – 11.30

EXPERIMENTAL AND CLINICAL APPLICATION OF BODY SURFACE POTENTIAL MAPPING

Chair person: *A. van Oosterom, The Netherlands/Switzerland*
L. Bacharova, Slovakia

10.30-10.45

ISOCHRONE BODY SURFACE MAPS IN DETECTING HEART ISCHEMIA IN DIABETES MELLITUS (abstract, p. 96)

M. Sobieszczanska, Poland

10.45-11.00

AGE AND SEX VARIABILITY OF VENTRICULAR ACTIVITY ISOINTEGRAL MAPS IN YOUNG PEOPLE (abstract, p. 66)

J. Martinka, Slovakia

11.00-11.15

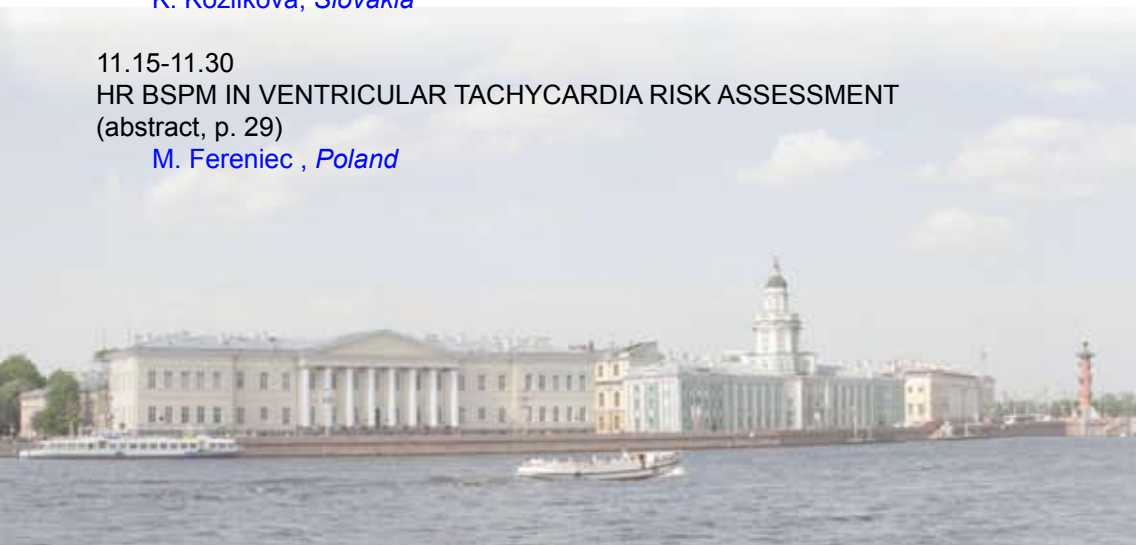
SIMILARITY OF ISOPOTENTIAL AND ISOINTEGRAL P WAVE MAPS (abstract, p. 57)

K. Kozlikova, Slovakia

11.15-11.30

HR BSPM IN VENTRICULAR TACHYCARDIA RISK ASSESSMENT (abstract, p. 29)

M. Fereniec, Poland



2008, September 21th, Sunday

Palace of Scientists, Russian Academy of Science

11.30 – 12.00

ISE GENERAL ASSEMBLY

12.00 – 13.00

CLOSING AND FAREWELL FEATURE, ICE 2009



THE PARTICIPANT'S CULTURAL PROGRAM

- 18, September 2008 14.00. Opening ceremony
- 18, September 2008 18.00. Welcome Cocktail
- 20, September 2008 15.00. City sightseeing tour
- 21, September 2008 12.00. Closing & Farewell Feature,
ICE 2009

ACCOMPANYING PERSON'S CULTURAL PROGRAM

- 18, September 2008 14.00. Opening ceremony
- 18, September 2008 18.00. Welcome Cocktail
- 19, September 2008 14.00. Excursion to the State Hermitage
Museum
- 20, September 2008 15.00. City sightseeing tour
- 21, September 2008 12.00. Closing & Farewell Feature,
ICE 2009



Dear participants of the International Congress on Electrocardiology, there are additional excursion tours in St. Petersburg offered by Monomax. Information about tours could be received during registration at the Congress or on the Congress website: <http://www.onlinereg.ru/ICE2008>.



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