

Joint meeting

The 15th International Congress
on Neurocardiology

NEUROCARD 2026

The 14th International Congress
on Noninvasive Electrocardiology

October 9th - 10th 2026

National institute for heart and blood vessels "Dedinje"
Belgrade, Serbia



National Institute For
Heart And Blood Vessels
DEDINJE



Serbian Medical
Association



Serbian neurocardiological Society, SNCS
Serbian Autonomic Society - SAS



European Academy of
Sciences and Arts



International Society for Holter and
Noninvasive Electrocardiology

Dear colleagues,

It is our great pleasure to invite you to the Joint Congress of the 15th International Congress on Neurocardiology (Neurocard 2026) and the 14th International Congress on Noninvasive Electrocardiology. The Congress will be held in Belgrade on October 9–10, 2026, and organized by the Serbian Neurocardiological Society, the Serbian Autonomic Society, and the National institute for heart and blood vessels “Dedinje”, under the auspices of the International Society for Holter and Noninvasive Electrocardiology (ISHNE) and the European Academy of Sciences and Arts.

The previous NEUROCARD meetings and the Joint Meetings on Noninvasive Electrocardiology included the participation of scientists from all over the world, Europe, and the region, and were organized under the auspices of several international organizations. In order to improve scientific collaboration between experts from related disciplines, we have decided to organize a joint congress of Neurocard 2026 and the Congress on Noninvasive Electrocardiology, with the hope that this format will prove successful.

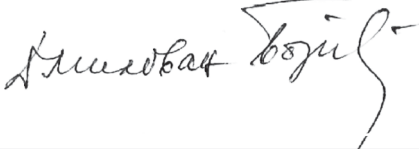
We hope that NEUROCARD will become a strong platform for international scientific cooperation, as well as an excellent opportunity to develop friendships in a pleasant environment and atmosphere. The progression of heart disease is associated with changes in the neurohumoral mechanisms that control cardiac function.

Neurocardiology deals with the extent to which this neurohumoral remodeling occurs, even before overt signs of cardiac disease become manifest. With our cumulative understanding of these interdependent processes, new avenues for timely and targeted methods of treating heart diseases can be developed. The Congress will bring together medical researchers and specialists focused on autonomic cardiovascular regulation in different fields, such as cardiology, neurology, physiology, molecular biology, genetics, pharmacology, nephrology, endocrinology, psychology, engineering, nanomedicine, and other disciplines.

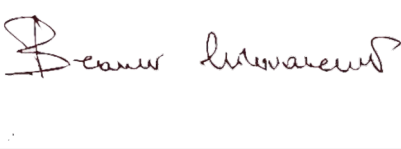
The purpose of the Congress is to promote research in neurocardiology and related fields, especially noninvasive electrocardiology, to improve the prognosis and outcomes of cardiovascular diseases, and to facilitate the dissemination of state-of-the-art knowledge. Outstanding experts, members of the Scientific Advisory Board, will ensure scientific excellence.

On behalf of the Organizing Committee,

Acad. prof. dr Milovan M. Bojić



Prof. dr Branislav Milovanović



Branislav Milovanovic
Professor of Internal Medicine
and Cardiology
Chairman of the meeting
President of Serbian Neurocardiological Society

INTERNATIONAL SCIENTIFIC ADVISORY BOARD

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TOPICS

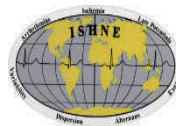
Basic Neurocardiology	Oncocardiology	Transcranial magnet stimulation
Electrocardiology and Telemedicine	Autoimmune diseases: neuro-cardiological manifestations	Sleep apnea
Syncope, Orthostatic intolerance	Central mechanisms and heart	Nutrition, physical activity and brain-heart connection
Geneticall aspects in Neurocardiology	Blood pressure and neural mechanisms	Placebo effect
Myocardial dysfunction: cardiac-neural interactions	Cardiac autonomic dysfunction and neurological diseases	Biosignal processing
Cardiac sudden death: risk stratification	Psychology and autonomic nervous system	Artificial intelligence
Cardiac arrhythmias and autonomic nervous system	Personalized medicine	Chronic fatigue syndrome
Methabolic autonomic neuropathies	Nano technology	Postinfection syndromes
Long Kovid	Lyme disease	



✓ Meeting endorsed by:



European Academy
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International Society for Holter
and Noninvasive Electrocardiology



GOVERNMENT OF THE REPUBLIC OF SERBIA
CABINET OF THE MINISTER OF
SCIENCE, TECHNOLOGICAL
DEVELOPMENT AND INNOVATION



GOVERNMENT OF THE REPUBLIC OF SERBIA
CABINET OF THE MINISTER
OF HEALTH

УНИВЕРЗИТЕТ У БЕОГРАДУ
МЕДИЦИНСКИ
ФАКУЛТЕТ

UNIVERSITY OF BELGRADE
FACULTY OF
MEDICINE



CXUKC

Удружење оболелих од
синдрома хроничног умора
и кризе свести

NEUROCARD 2026 –FINAL PROGRAMME

9th – 10th October ,National Institute for Heart and Blood Vessels-Dedinje,Belgrade,
Serbia

October 9th

08:00-09:00 Registration

09:00-10:00 Opening Ceremony

Branislav Milovanovic

President of Serbian Neurocardiological Society, Co-Chairmen of the meeting

Milovan Bojić

Director of National Institute for Heart and Blood vessels -Dedinje,Co-Chairman of meeting

Petar Otašević

Professor,Head of Cardiology Clinic,National Institute Dedinje

Milan Nedeljkovic

President of Serbian Medical Society

Ivana Nedeljkovic

President of Serbian Cardiology Society

Ilija Brčeski

Representative of European Academy of Sciences and Arts

Miodrag Ostojic

Representative of Serbian Academy of Sciences and Arts

Emanuela Teresa Locati

President of International Society for Electrophysiology,ISE
Arrhythmology & Electrophysiology Department
IRCCS Policlinico San Donato,Milan,Italy

Ewa Piotrowicz (Warsaw,Poland)

Professor,Head of Center for telecardiology,Warsaw,Poland

Zaklyazminskaya Elena

Moscow,Russia,Member of ISNE board. Head of Department of Clinical and Preventive
Genetics,Petrovsky Russian Research Centre of Surgery

Suave Lobodzinski

Professor,UCLA University,USA,Member of ISHNE board

David Murphy

University of Bristol,UK

Nina Japundzic-Zigon(Belgrade,Serbia)

Professor,University of Belgrade

Vladimir Jakovljevic

Professor,University of Belgrade

Jan.Galuszka

Palacký University Olomouc, Czech Republic

Bassim Irheim Muhammad,

Professor,Al Qadisiyah, Iraq

Dean College of Pharmacy, University of Al Qadisiyah

Najah R Hadi

University of Kufa,Najaf Iraq

Goran Krstačić

Professor,Director Institute for preventive and rehabilitation,Zagreb,Croatia

Sekib Sokolovic

Professor,Society of Cardiologists of BiH,Sarajevo

Duška Glavaš

Professor,University of Split,Croatia

Head of Coronary Care Unit,University Cardiology Clinic

Ante Obad

Professor,University of Split,Croatia

Osman Sinanovic

Professor,University of Tuzla,BiH

Zumreta Kurslugic

Professor,University of Tuzla,BiH

**JOINT SESSION NEUROCARD-INTERNATIONAL BASIC NEUROCARDIOLOGY
GROUP**

10:00-11:30 Basic Neurocardiology, Session I

Chairs: Nina Japundzic-Zigon (Belgrade, Serbia), David Murphy (Bristol, UK)
Najah Hadi (Kufa, Iraq)

10:00-10:30 Cardio-metabolic health and ageing - the role of the Supraoptic Nucleus

David Murphy (University of Bristol, UK)

10:30-10:45 Hypothalamic PVN Transcriptom Differences in Hypertensive and Normotensive Pregnancy

Jovanovic M, Nani JV, Duque VJ, Tasić T, Šarenac O, Pauža AG⁶, Murphy DM, Japundžić-Zigon N, Mecawi AS (Belgrade, Sao Paulo, Brazil, Chicago, USA, Bristol, UK, Auckland New Zealand)

10:45-11:00 Clinical Horizons of SGLT2 Inhibitors In Heart Failure Management: A Mechanistic Insights

Najah Hadi (Faculty of Medicine, University of Kufa, Iraq)

11:00-11:15 The influence of Vitamin B6 application on cardimetabolic markers in monocrotaline induced heart failure in Wistar albino rats

Jovana Jakovljevic (Belgrade, Serbia)

11:15-11:30 Circadian Regulation of Endothelial Function and Its Impact on Anesthetic-Induced Vascular Responses

Marko Djuric, Irina Nenadic (Belgrade, Serbia)
(Belgrade, Serbia)

11.30-12:00 Coffee break

JOINT SESSION NEUROCARD-ISHNE-ISE
International Society for Holter and noninvasive electrocardiology-ISHNE
International Society for Electrocardiology-ISE

CARDIAC REHABILITATION AND DIAGNOSTICS

12:00-13:40

Ewa Piotrowicz (Warsaw,Poland), Emanuela Locaty (Milan,Italy), Mojsije
.Anđić(Belgrade,Serbia), Dejan Spiroski(Belgrade,Serbia), Ivana Burazor(Belgrade,Serbia)

12:00-12:20 Role of m-Health in cardiac rehabilitation

Emanuela Teresa Locati (Milan,Italy)

12:20-12:40 Does female sex matter in the management of arrhythmias?

Ewa Piotrowicz (Warsaw,Poland)

12:40-13:00 Cardiac Rehabilitation – The Future Has Begun

Ivana Burazor(Belgrade,Serbia)

13:00-13:20 Effect of exercise training in cardiopulmonary rehabilitation of patients suffering acute myocardial infarction

Mojsije Anđić, D.Spiroski., I.Burazor, B.Milovanović, P.Otašević, M.Bojić (Belgrade,Serbia)

13:20-13:40 Possibilities and future of cardiac rehabilitation

Dejan Spiroski.(Belgrade,Serbia)

13:20-14:45 PREVENTION AND CORONARY ARTERY DISEASE

13:40-13:40

**Chairs: Miodrag Ostojić (Belgrade, Serbia), Petar Otašević (Belgrade, Serbia)
Goran Krstačić (Zagreb, Croatia), Goran Loncar (Belgrade, Serbia)**

13:40-14:10 Alcohol and Health: Passion at First Sight, a Chronic Breakup

Ostojic Miodrag, Hinic Sasa, Bojic Milovan (Belgrade, Serbia)

14:10-14:40 Fractal chromo -music therapy in cardiovascular medicine

Goran Krstacic, (Zagreb, Croatia)

14:40-15:00 Novel insights in revascularization for heart failure

Petar Otašević (Belgrade, Serbia)

15:00-15:20 Spiroergometry in Modern Cardiology: From Integrative Physiology to AI-Driven Prognostics

Ante Obad (Split, Croatia)

15:20-15:40 Cardiac Magnetic Resonance in Predicting Sudden Cardiac Death: Beyond Left Ventricular Ejection Fraction

Goran Loncar (Belgrade, Serbia)

15:40-16:30 Lunch

**JOINT SESSION NEUROCARD-EMEA
European Myalgic Encephalomyelitis Alliance**

16:30-18:00 POSTINFECTION SYNDROMES

**Myalgic encephalomyelitis/Chronic fatigue syndrome (ME/CFS), Long Covid Syndrome,
Lyme disease**

Chairs: Branislav Milovanovic (Belgrade,Serbia), Sekib Sokolovic(Sarajevo,BiH)

16:30- 17:00 Intracellular infections,dysautonomia and pathogenesis of ME/CFS

Branislav Milovanovic (Belgrade,Serbia)

**17:00-17:20 The Post-COVID Blood Picture: Persistent Infections and Microthrombotic
Changes**

Andras Pal Bozsik,(Budapest,Hungary)

17:20- 17:40 Diagnosing EDS in the Context of ME/CFS

Timon Zupanc (Ljubljana,Slovenia)

17:40-18:00 Inflammaging

Sokolovic Sekib(Sarajevo,BiH)

20:00 Gala Dinner

October 10th

NEUROCARD-INTERNATIONAL BASIC NEUROCARDIOLOGY GROUP SESSION

09:00-10:50 Basic Neurocardiology, Session II

Chairs: Vladimir Jakovljević (Belgrade, Serbia), Bassim I Mohammad (Al Qadisiyah, Iraq),
Ranko Skrbic (Banja Luka, BiH), Milos Stojiljkovic (Banja Luka, BiH)

09:00-09:20 Levosimendan Significantly Attenuates Cardiac Damage Induced by Mesenteric Artery Ischemia/Reperfusion Injury in Rats
Ranko Skrbic, (Medical Faculty B. Luka)

09:20-09:40 Pyridostigmin alleviates consequences of the isoprenaline-induced heart failure in rats
Miloš P Stojiljković (Banja Luka, BiH)

09:40-10:10 Modulation of NDMA receptors in the heart: evidence from experimental study
Vladimir Jakovljevic (Belgrade, Kragujevac, Serbia)

10:10-10:30 Epigenetic Dysregulation in Atrial Arrhythmias: Emerging Mechanisms and Precision Therapeutic Strategies
Bassim I Mohammad, (College of Medicine, University of Al Qadisiyah, Iraq)

10:30-10:50 Hidden Cardiac Cost of Mild Hyperglycemia: Cardiometabolic Disturbances and Early Cardiac Remodelling in a Rat Model of Prediabetes
Mutavdzin Krneta Slavica (Belgrade, Serbia)

10:50-11:15 Coffee break

**JOINT SESSION
GENETICS IN CARDIOLOGY AND MEDICINE**

**National Institute „Dedinje“(Belgrade)–Cleveland Clinic (Cleveland)-Edinburgh-Russian
center for cardiogenetics(Moscow)
Serbia-USA-UK-Russia-Centers of Cardiogenetics**

11:15-13:20

Chairs: Zaklyazminskaya Elena(Moscow,Russia),Maria Balashova (Moscow,Russia),
Maja Milošević Nale (Belgrade,Serbia)

**11:15-11:45 DecodeME: the genetics of ME/CFS (Myalgic encephalomyelitis/chronic
fatigue syndrome)?(on line)**

Chris Ponting (University of Edinburgh,UK)

11:45-12:15 Genetics in Cardiology: Current Concepts and Clinical Applications

Ivan Cakulev (Cleveland Clinic,USA)(on line)

**12:15-12:45 Cost effectiveness of genetic testing for the patients with inherited cardiac
diseases**

Zaklyazminskaya Elena,Lushnikova Ekaterina(Moscow,Russia)

**12:45-13:15 Establishing a Cardiogenetics Center:Challenges,Opportunities and Early
Experience from Serbia**

Maja Milosevic,(Belgrade,Serbia)

ELECTROCARDIOLOGY AND SYNCOPE

13:15-13:20

Chairs: Suave Lobodzinski (USA), Milosav Tomovic (Belgrade, Serbia), Dejan Kojic (Belgrade, Serbia)

13:15-13:45 Advances in the Interpretation of the Electrocardiogram by Artificial Intelligence

Suave Lobodzinski (Los Angeles, USA)

13:45-14:00 Pulsed field catheter ablation of cardiac arrhythmias

Milosav Tomovic (Belgrade, Serbia)

14:00-14:15 The significance of Flecainide in the treatment of cardiac arrhythmias

Dejan Kojic (Belgrade, Serbia)

14:15-14:30 Diagnostic accuracy of a reconstructed 12-lead ECG obtained using a portable, wireless three-channel ECG device

Milos Babic, Aleksandra Nikolic (Belgrade, Serbia)

14:30-14:45 Predictors of Orthostatic Hypertension during Head-up Tilt Testing

Nikola Markovic (Belgrade, Serbia)

14:45-15:15 LUNCH

NEW ADVANCES IN NEUROCARDIOLOGY

15:15-16:45

Chairs: Mihajlo Farkić (Belgrade, Serbia), Zumreta Kušljugić (Tuzla, BiH), Aleksandra Nikolić (Belgrade, Serbia), Duška Glavaš (Split, Croatia)

15:15-15:30 Contemporary Research on Mitral Regurgitation

Ivana Petrović (Belgrade, Serbia)

15:30-15:45 Assessment of Autonomic Nervous System Function in Patients with Severe Aortic Stenosis Treated with Transcatheter Aortic Valve Implantation (TAVI)

Mihajlo Farkić (Belgrade, Serbia)

15:45-16:00 Heart failure and neurovegetative activation

Duška Glavaš (Split, Croatia)

16:00-16:15 Familial hypercholesterolemia in Bosnia and Herzegovina Zumreta Kušljugić

Zumreta Kušljugić (Tuzla, BiH)

16:15-16:30 ANOCA/INOCA and Autonomic Dysfunction: A Pathophysiological link Vojko Misović (Belgrade, Serbia)

16:30-16:45 Angiographic predictors of new onset atrial fibrillation in patients with myocardial infarction—on line

Shebonkina D.A., Titov A.L., Shekhovtsova L.V., Boyarintsev M.I., Vasilyenok I.R., Vasileva M.S., Kislukhin T.V., Duplyakov D.V. (Samara, Russia)

**JOINT SESSION
NEUROLOGY MEET CARDIOLOGY**

16:45-17:45

Chairs: Sanja Pavlovic (Belgrade, Serbia),
Osman Sinanovic (Tuzla, BiH), Galuszka Jan (Olomouc, Czech Republic)

16:45-17:00 Dysautonomia in a life-threatening neuropathy-acute intermittent porphyria

Sanja Pavlovic, Branislav Milovanovic (Belgrade, Serbia)

17:00-17:15 Endothelial dysfunction in patients with Parkinson's disease

Galuszka Jan (Olomouc University, Czech Republic)

17:15-17:30 Cardiac involvement in Limb-girdle muscular dystrophy

Osman Sinanovic (Tuzla, BiH)

17:30-17:45 Sodium–Glucose Cotransporter-2 Inhibitors in Diabetic Neuropathy: Beyond Glycemic Control

Milica Milosevic (Belgrade, Serbia)

PSYCHIATRY MEET NEUROCARDIOLOGY

17:45-18:45

Chairs: Branislav Milovanovic (Belgrade, Serbia), Milica Borovcanin (Kragujevac, Serbia)

17:45-18:05 Mental disorders and autonomic nervous system dysfunction: new neurocardiological approach of understanding of pathogenesis

Branislav Milovanović, (Belgrade, Serbia)

18:05-18:25 Metainflammation and Autonomic Instability in the Genesis of Anxiety

Milica Borovcanin (Kragujevac, Serbia)

18:25-18:45 Autonomic Dysregulation in Trauma, PTSD and Personality Disorders

Tijana Mirjanic (Belgrade, Serbia)

18:45-19:45 Closing of meeting



LOCATION

New Amphitheatre of Dedinje 2 Facility, First Floor
Institute for Cardiovascular Diseases "Dedinje"
Heroja Milana Tepica 1, 11040 Belgrade, Serbia