

Congress topic list

The abstract submission and scientific sessions topics cover a wide array of topics related:

History of Cardiology

Clinical Skills

- History Taking
- Physical Examination

Imaging

- Echocardiography
 - Stress Echocardiography
 - 3D Echocardiography
- Computed Tomography
 - Computed Tomography: Dimensions, Volumes and Mass
 - Coronary Calcium Score
 - Coronary CT Angiography
 - Computed Tomography: Plaque Imaging
- Cardiac Magnetic Resonance
 - Stress CMR
- Nuclear Imaging
 - Single Photon Emission Computed Tomography (SPECT)
 - Positron Emission Tomography (PET)
- Hybrid and Fusion Imaging
- Cross-Modality and Multi-Modality Imaging Topics
 - Imaging: Cardiac Dimensions, Volume, and Mass
 - Imaging: Systolic and Diastolic Function
 - Imaging: Valve Disease
 - Imaging: Arrhythmias
 - Imaging: Heart Failure
 - Imaging: Coronary Artery Disease
 - Imaging: Acute Coronary Syndromes
 - Imaging: Myocardial Disease
 - Imaging: Pericardial Disease
 - Imaging: Congenital Heart Disease
 - Imaging: Diseases of the Aorta
 - Imaging: Peripheral Vascular Disease
 - Imaging: Prevention and Rehabilitation

Arrhythmias, General

- Arrhythmias, General – Pathophysiology and Mechanisms
- Arrhythmias, General – Epidemiology, Prognosis, Outcome

- Arrhythmias, General – Diagnostic Methods
- Arrhythmias, General – Treatment
- Arrhythmias, General – Prevention
- Arrhythmias, General – Clinical

Atrial Fibrillation

- Atrial Fibrillation - Pathophysiology and Mechanisms
- Atrial Fibrillation - Epidemiology, Prognosis, Outcome
- Atrial Fibrillation - Diagnostic Methods
- Atrial Fibrillation - Treatment
- Atrial Fibrillation - Stroke Prevention
 - Oral Anticoagulation
- Atrial Fibrillation - Stroke Treatment
- Atrial Fibrillation - Prevention
- Atrial Fibrillation - Clinical

Supraventricular Tachycardia (non-AF)

- Supraventricular Tachycardia (non-AF) - Pathophysiology and Mechanisms
- Supraventricular Tachycardia (non-AF) - Epidemiology, Prognosis, Outcome
- Supraventricular Tachycardia (non-AF) - Diagnostic Methods
- Supraventricular Tachycardia (non-AF) - Treatment
- Supraventricular Tachycardia (non-AF) - Prevention
- Supraventricular Tachycardia (non-AF) - Clinical

Syncope and Bradycardia

- Syncope and Bradycardia - Pathophysiology and Mechanisms
- Syncope and Bradycardia - Epidemiology, Prognosis, Outcome
- Syncope and Bradycardia - Diagnostic Methods
- Syncope and Bradycardia - Treatment
- Syncope and Bradycardia - Prevention
- Syncope and Bradycardia - Clinical

Ventricular Arrhythmias and Sudden Cardiac Death (SCD)

- Ventricular Arrhythmias and SCD - Pathophysiology and Mechanisms
 - Coronary Artery Disease
 - Dilated Cardiomyopathy and Non-ischemic Heart Failure
 - Ventricular Arrhythmias and SCD - Pathophysiology and Mechanisms: Arrhythmogenic Right Ventricular Cardiomyopathy
 - Hypertrophic Cardiomyopathy
 - Ventricular Arrhythmias and SCD - Pathophysiology and Mechanisms: Ion Channel Disorders
 - Long QT Syndrome

- Brugada Syndrome
- Gene Variants
- Ventricular Arrhythmias and SCD - Epidemiology, Prognosis, Outcome
 - Ventricular Arrhythmias and SCD - Epidemiology, Prognosis, Outcome: Epidemiology
 - Ventricular Arrhythmias and SCD - Epidemiology, Prognosis, Outcome: Risk Factors and Risk Assessment
- Ventricular Arrhythmias and SCD - Diagnostic Methods
- Ventricular Arrhythmias and SCD - Treatment
- Ventricular Arrhythmias and SCD - Prevention
- Ventricular Arrhythmias and SCD - Clinical

Device Therapy

Chronic Heart Failure

- Chronic Heart Failure – Pathophysiology and Mechanisms
- Chronic Heart Failure – Epidemiology, Prognosis, Outcome
- Chronic Heart Failure – Diagnostic Methods
 - Chronic Heart Failure – Diagnostic Methods: Biomarkers
 - Chronic Heart Failure – Diagnostic Methods: Imaging
 - Chronic Heart Failure – Diagnostic Methods: Imaging - Echocardiography
 - Chronic Heart Failure – Diagnostic Methods: Imaging - Cardiac Magnetic Resonance
- Chronic Heart Failure – Treatment
 - Chronic Heart Failure: Lifestyle Modification
 - Chronic Heart Failure: Pharmacotherapy
 - Chronic Heart Failure: Rehabilitation
 - Implantable Cardioverter Defibrillator (ICD)
 - Resynchronization Therapy
 - Ventricular Assist Devices
 - Heart Transplantation
 - Chronic Heart Failure: Multidisciplinary Interventions
- Chronic Heart Failure – Prevention
- Chronic Heart Failure - Clinical
 - - Chronic Heart Failure: Comorbidities - Anemia/Iron Deficiency
 - Chronic Heart Failure: Comorbidities - Cancer
 - Chronic Heart Failure: Comorbidities - Cerebrovascular disease
 - Chronic Heart Failure: Comorbidities - Chronic Kidney Disease
 - Chronic Heart Failure: Comorbidities - Chronic Obstructive Pulmonary Disease
 - Chronic Heart Failure: Comorbidities - Dementia/Depression
 - Chronic Heart Failure: Comorbidities - Diabetes
 - Chronic Heart Failure: Comorbidities - Frailty
 - Chronic Heart Failure: Comorbidities - Muscular Dystrophy

- Chronic Heart Failure: Comorbidities - Sleep Apnea

Acute Heart Failure

Coronary Artery Disease (Chronic)

- Coronary Artery Disease – Pathophysiology and Mechanisms
- Coronary Artery Disease – Epidemiology, Prognosis, Outcome
- Coronary Artery Disease – Diagnostic Methods
- Coronary Artery Disease – Treatment
 - Coronary Artery Disease: Lifestyle Modification
 - Coronary Artery Disease: Pharmacotherapy
 - Coronary Artery Disease: Treatment, Revascularization
- Coronary Artery Disease – Prevention
- Coronary Artery Disease - Clinical
- Non-Atherosclerotic Coronary Abnormalities

Acute Coronary Syndromes

- Acute Coronary Syndromes; Pathophysiology
- Acute Coronary Syndromes – Epidemiology, Prognosis, Outcome
- Acute Coronary Syndromes – Diagnostic Methods
- Acute Coronary Syndromes – Treatment
 - Acute Coronary Syndromes: Lifestyle Modification
 - Acute Coronary Syndromes: Pharmacotherapy
 - Acute Coronary Syndromes: Antiplatelet Agents
 - Acute Coronary Syndromes: Thrombolysis/Fibrinolysis
 - Acute Coronary Syndromes: Statins
 - Acute Coronary Syndromes: Treatment, Revascularization
- Acute Coronary Syndromes – Prevention
- Acute Coronary Syndromes - Clinical

Acute Cardiac Care

Valvular Heart Disease

- Valvular Heart Disease – Pathophysiology and Mechanisms
- Valvular Heart Disease – Epidemiology, Prognosis, Outcome
- Valvular Heart Disease – Diagnostic Methods
- Valvular Heart Disease – Treatment
 - Valvular Heart Disease: Surgery
- Valvular Heart Disease – Prevention
- Valvular Heart Disease – Clinical

Infective Endocarditis

- Infective Endocarditis – Pathophysiology and Mechanisms
- Infective Endocarditis – Epidemiology, Prognosis, Outcome
- Infective Endocarditis – Diagnostic Methods
- Infective Endocarditis – Treatment
- Infective Endocarditis – Prevention

Myocardial Disease

- Myocardial Disease – Pathophysiology and Mechanisms
- Myocardial Disease – Epidemiology, Prognosis, Outcome
- Myocardial Disease – Diagnostic Methods
- Myocardial Disease – Treatment
- Myocardial Disease – Prevention
- Myocardial Disease – Clinical
 - Myocarditis
 - Hypertrophic Cardiomyopathy
 - Dilative Cardiomyopathy
 - Restrictive Cardiomyopathy and Loeffler’s Disease
 - Myocardial Disease – Clinical: Arrhythmogenic Right Ventricular Cardiomyopathy
 - Hypertensive Heart Disease
 - Infiltrative Myocardial Disease
 - Amyloid Heart Disease
 - Cardiac Sarcoidosis
 - Fabry’s Disease
 - Mucopolysaccharidosis (MPS)
 - Chagas Disease
 - Tako-Tsubo Cardiomyopathy
 - Peripartum Cardiomyopathy
 - Ventricular Non-compaction

Pericardial Disease

- Pericardial Disease – Pathophysiology and Mechanisms
- Pericardial Disease – Epidemiology, Prognosis, Outcome
- Pericardial Disease – Diagnostic Methods
- Pericardial Disease – Treatment
- Pericardial Disease – Prevention
- Pericardial Disease – Clinical

Tumors of the Heart

Congenital Heart Disease and Pediatric Cardiology

- Congenital Heart Disease – Pathophysiology and Mechanisms
- Congenital Heart Disease – Epidemiology, Prognosis, Outcome

- Congenital Heart Disease – Diagnostic Methods
- Congenital Heart Disease – Treatment
 - Congenital Heart Disease: Lifestyle Modification
 - Congenital Heart Disease: Pharmacotherapy
 - Congenital Heart Disease: Intervention
 - Congenital Heart Disease: Surgery
- Congenital Heart Disease – Prevention
- Congenital Heart Disease – Clinical
- Pediatric Cardiology

Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure

- Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure – Pathophysiology and Mechanisms
- Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure – Epidemiology, Prognosis, Outcome
- Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure – Diagnostic Methods
- Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure - Treatment
- Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure - Prevention
- Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure – Clinical

Diseases of the Aorta

- Diseases of the Aorta - Pathophysiology and Mechanisms
- Diseases of the Aorta - Epidemiology, Prognosis, Outcome
- Diseases of the Aorta - Diagnostic Methods
- Diseases of the Aorta - Treatment
 - Diseases of the Aorta Lifestyle Modification
 - Diseases of the Aorta: Pharmacotherapy
 - Diseases of the Aorta: Intervention
 - Diseases of the Aorta: Surgery
- Diseases of the Aorta - Prevention
- Diseases of the Aorta - Clinical

Peripheral Vascular and Cerebrovascular Disease

- Peripheral Vascular and Cerebrovascular Disease – Pathophysiology and Mechanisms
- Peripheral Vascular and Cerebrovascular Disease – Epidemiology, Prognosis, Outcome
- Peripheral Vascular and Cerebrovascular Disease – Diagnostic Methods
- Peripheral Vascular and Cerebrovascular Disease - Treatment
 - Peripheral Vascular and Cerebrovascular Disease: Lifestyle Modification
 - Peripheral Vascular and Cerebrovascular Disease: Pharmacotherapy
- Peripheral Vascular and Cerebrovascular Disease – Prevention
- Peripheral Vascular and Cerebrovascular Disease – Clinical

Stroke

- Stroke – Pathophysiology and Mechanisms
- Stroke – Epidemiology, Prognosis, Outcome
- Stroke - Diagnostic Methods
- Stroke - Treatment
- Stroke - Prevention
- Stroke – Clinical
- Heart and Brain Interaction

Interventional Cardiology

Cardiovascular Surgery

Hypertension

- Hypertension – Pathophysiology and Mechanisms
 - Target Organ Damage/ Left Ventricular Hypertrophy
 - Renin-Angiotensin System
 - Endocrine Hypertension
 - Renal Artery Stenosis / Autonomic Nervous System
- Hypertension – Epidemiology, Prognosis, Outcome
- Hypertension – Diagnostic Methods
- Hypertension – Treatment
 - Hypertension: Lifestyle Modification
 - Hypertension: Pharmacotherapy
 - Hypertension: Device Treatment and Intervention
 - Renal Denervation
 - Hypertension: Device Treatment and Intervention, Other
- Hypertension – Prevention
- Hypertension – Clinical

Risk Factors and Prevention

- Risk Factors and Prevention – Epidemiology
- Risk Factors and Prevention – Cardiovascular Risk Assessment
 - Prevention – Cardiovascular Risk Assessment: Scores
 - Prevention – Cardiovascular Risk Assessment: Biomarkers
 - Prevention – Cardiovascular Risk Assessment: Imaging
 - Prevention – Cardiovascular Risk Assessment, Other
- Secondary Prevention
- Lipids
 - Lipids: Drug therapy
- Tobacco
- Obesity
- Diabetes and the Heart
 - Diabetes and the Heart: Pathophysiology
 - Metabolic Syndrome, Insulin, Insulin Resistance

- Diabetes and the Heart: Pharmacotherapy
 - Diabetes and the Heart: PCI and Surgery
- Environmental and Occupational Aspects of Heart Disease
 - Environmental Aspects of Heart Disease
 - Occupational Aspects of Heart Disease
- Stress, Psycho-Social and Cultural Aspects of Heart Disease
- Depression and Heart Disease
- Nutrition, Malnutrition and Heart Disease
- Physical Inactivity and Exercise
 - Prevention: Physical Inactivity
 - Prevention: Exercise
- Sleep Disorders
 - Sleep Apnea

Rehabilitation and Sports Cardiology

- Exercise Testing
 - Spiroergometry
- Cardiovascular Rehabilitation
 - Rehabilitation: Exercise Programmes
 - Rehabilitation: Education
 - Rehabilitation: Outcomes
- Sports Cardiology
 - Athlete's Heart
 - Sports Cardiology: Electrocardiography (ECG)
 - Sports Cardiology: Arrhythmias
 - Sudden Death in Sports
 - Pre-Competition Screening and Sports Eligibility
 - Cardiovascular Effects of Substance Abuse/Doping

Cardiovascular Disease in Special Populations

- Cardiovascular Disease in Primary Care
- Cardiovascular Disease in Women
- Cardiovascular Disease in Special Populations: Pediatric Cardiology
- Non-cardiac Surgery/Pre-surgical Assessment
- Cardiovascular Disease in the Elderly
- Cardio-Oncology
- Pregnancy and Cardiovascular Disease
- HIV and Cardiovascular Disease
- Renal Failure and Cardiovascular Disease
- Neurologic Disorders and Heart Disease
- Psychiatric Disorders and Heart Disease
- Autoimmune/Chronic Inflammatory Disorders and Heart Disease
- Substance Abuse and Cardiovascular Disease

Pharmacology and Pharmacotherapy

- Cardiovascular Pharmacotherapy
 - Aldosterone Antagonists
 - Antiarrhythmic Pharmacotherapy
 - Angiotensin-Renin-Bradykinine System
 - Anticoagulants
 - Antiplatelet Drugs
 - Beta Blockers
 - Calcium Channel Blockers
 - Diuretics
 - Nitrates
 - Lipid-Lowering Agents
 - Statins
 - Cholesterol Resorption Antagonists
 - LDL-Receptor Antagonists
 - PCSK9-Antagonists
 - Anti-Diabetic Pharmacotherapy
- Pharmacogenetics
- Biotherapies
- Cardiotoxicity of Drugs

Cardiovascular Nursing and Allied Professions

- Acute Nursing Care
- Chronic Nursing Care
- Cardiovascular Nursing and Allied Professions – Advanced Clinical Practice
- Allied Professions in Cardiovascular Care

e-Cardiology / Digital Health

- Image Processing and Imaging Standards
- Cardiovascular Signal Processing
- ECG and Arrhythmia Analysis
- Computer Modeling and Simulation
- Digital Health
 - Remote Patient Monitoring and Telemedicine
 - Hospital Information Systems
 - Digital Health: Big Data Analysis
 - e-Health
 - m-Health

Public Health and Health Economics

- Public Health
- Health Policy

- Health Economics

Research Methodology

- Biostatistics
- Research Methodology: Big Data Analysis
- Cardiovascular Epidemiology
- Trial Design
- Research Ethics

Basic Science

- Basic Science - Cardiovascular Development and Anatomy
 - Basic Science - Cardiovascular Development and Anatomy: Stem Cells, Cell Cycle, Cell Senescence, Cell Death
 - Basic Science - Cardiovascular Development and Anatomy: Genetics, Epigenetics, ncRNA
- Basic Science - Cardiac Biology and Physiology
 - Stem Cells, Cell Cycle, Cell Senescence, Cell Death
 - Basic Science - Cardiac Biology and Physiology: Genetics, Epigenetics, ncRNA
 - Basic Science - Cardiac Biology and Physiology: Signal Transduction, Mechano-Transduction
 - Basic Science - Cardiac Biology and Physiology: Ion Channels, Electrophysiology
 - Basic Science - Cardiac Biology and Physiology: Mitochondria
 - Basic Science - Cardiac Biology and Physiology: Microvesicles, Exosomes
 - Basic Science - Cardiac Biology and Physiology: Metabolism
 - Basic Science - Cardiac Biology and Physiology: Leukocytes, Inflammation, Immunity
 - Basic Science - Cardiac Biology and Physiology: Biomaterials, Tissue Engineering
- Basic Science - Cardiac Diseases
 - Ischemia, Infarction, Cardioprotection
 - Basic Science - Cardiac Diseases: Cardiac Hypertrophy
 - Basic Science - Cardiac Diseases: Heart Failure
 - Basic Science - Cardiac Diseases: Arrhythmias
 - Basic Science - Cardiac Diseases: Cardiomyopathies
 - Basic Science - Cardiac Diseases: Valvular Heart Disease
 - Basic Science - Cardiac Diseases: Congenital Heart Disease
 - Basic Science - Cardiac Diseases: Leukocytes, Inflammation, Immunity
 - Basic Science - Cardiac Diseases: Fibrosis
 - Basic Science - Cardiac Diseases: Drugs, Drug Targets
 - Basic Science - Cardiac Diseases: Gene Therapy, Cell Therapy
 - Basic Science - Cardiac Diseases: Biomarkers
- Basic Science - Vascular Biology and Physiology
 - Stem Cells, Cell Cycle, Cell Senescence, Cell Death

- Basic Science - Vascular Biology and Physiology: Genetics, Epigenetics, ncRNA
- Basic Science - Vascular Biology and Physiology: Signal Transduction, Mechano-Transduction
- Vascular Tone, Permeability, Microcirculation
- Vascular Biology and Physiology: Ion Channels, Electrophysiology
- Basic Science - Vascular Biology and Physiology: Mitochondria
- Basic Science - Vascular Biology and Physiology: Microvesicles, Exosomes
- Lipids, Metabolism
- Platelets, Haemostasis, Coagulation
- Basic Science - Vascular Biology and Physiology: Leukocytes, Inflammation, Immunity
- Basic Science - Vascular Biology and Physiology: Biomaterials, Tissue Engineering
- Basic Science - Vascular Diseases
 - Microcirculation, Angiogenesis, Arteriogenesis
 - Atherosclerosis, Cerebrovascular Diseases, Aneurysm, Restenosis
 - Hypertension, Pulmonary Hypertension
 - Thrombosis, Bleeding
 - Lipid Metabolism, Metabolic Syndrome, Diabetes
 - Basic Science - Vascular Diseases: Leukocytes, Inflammation, Immunity
 - Basic Science - Vascular Diseases: Fibrosis
 - Basic Science - Vascular Diseases: Drugs, Drug Targets
 - Basic Science - Vascular Diseases: Gene Therapy, Cell Therapy
 - Basic Science - Vascular Diseases: Biomarkers