

Themes		Discipline I	Discipline II			Discipline III		
		Aetiology & Pathogenesis	Imaging & Diagnostics			Therapy & Prevention		
			Echo	MRI	MSCT	Technology	Percutaneous Interventions	CV Surgery & Anesthesiology
Theme I	Vascular Medicine							
I-A	Atherosclerosis	Molecular Biology	IVUS		CAD imaging	Image Processing	Peripheral Vessels	Clinical Decision Making in Surgery
		Biomechanics	Biomechanics		Peripheral imaging	US Transducers	Stents and Restenosis	Cardiac Risk Evaluation and Modification
		Vascular Damage & Repair				US agents	CABG	
I-B	Disorders of the microcirculation	Role of RAAS Ageing						Role of RAAS
		Regulation of Tone						
I-C	Cardiovascular Genetics	Genetic regulation of vasculo/angiogenesis						Pharmacogenomics
		Metabolic Diseases						
I-D	Aneurysm disease	Molecular biology	Aortic imaging			Image processing	Aortic endografts	Medical Manag. of aneurysm disease
		Genetic regulation				Molecular imaging		
		Role of RAAS						
		Aortic remodeling						
Theme II	Acute CV Syndromes							
II-A	Hemostasis & Thrombosis	Role of hemostasis in thrombosis						Manag. of hemorrhag & thrombc disorders
II-B	Acute Coronary Syndromes	Mechanisms of Plaque Vulnerability	IVUS		CAD imaging	Image Processing	Primary PCI for AMI	Cardioprotection
			Biomechanics		Peripheral imaging	US Transducers		Biomarkers of acute coronary event
II-C	Stroke & Migraine	Causes of Stroke		Neurovascular Imaging		Image Processing	Cerebrovasc. Disease	Prognosis & Clinical Manag. of Stroke
		Pharmacology of migraine						Pharmacology of migraine
II-D	Critical Illness and Sepsis	Microcirculation						
Theme III	Chronic Cardiac Disease							
III-A	Cardiac Remodeling and Failure	Mechanisms of cardiac remodeling and failure	3D echo	Cardiac Imaging		Image Processing	Stem Cell Therapy	
		Ageing				US Transducers	Heart Transplantation	Assist-Devices
III-B	Arrhythmias	Atrial fibrillation		Cardiac Imaging		Mapping	Catheter Ablation	ICD Therapy Stratific.
III-C	Congenital heart disease	Mechanisms of cardiac remodeling and failure	CV Imaging & Diagnostics	Cardiac Imaging		Image Processing	Cath Based Int.	Outcome
		Cardiogenetics				US Transducers		