



EUROECHO 2008



The twelfth Annual Meeting of the European Association of Echocardiography, a Registered Branch of the ESC,
in cooperation with the Working Group on Echocardiography of the French Society of Cardiology

10-13 December 2008

France

Lyon



ADVANCE PROGRAMME

www.euroecho.org

WELCOME ADDRESS

In recent years, advances in medical imaging have been developing quickly, making it possible to investigate cardiovascular diseases using multiple methods and approaches. In keeping with the tradition of the past 11 EUROECHO congresses, we will gather specialists in Echocardiography and other imaging techniques to share their expertise and findings in our annual congress to be held in Lyon, France, from December 10 – 13, 2008.

Each year EUROECHO attracts a greater number of participants, eager to share their experiences and knowledge with colleagues from around the world. EUROECHO 2008 will focus on recent advances in echocardiography and other imaging modalities as well as the classical teaching courses, workshops and hands-on sessions.

We continue to work in close collaboration with other ESC Working Groups and Associations to maintain the highest scientific quality in abstracts, sessions and discussions throughout the congress.

Lyon, listed by UNESCO as a World Heritage Site, invites you to stroll through its streets during the Festival of Lights and discover why it is considered to offer the highest quality of life in France. Surely one of the reasons for this reputation is Lyon's rich culinary tradition - where better to enjoy this than a typical Lyonnais "bouchon" or bistro?

We are looking forward to meeting you in Lyon!



Professor José Luis Zamorano

President EAE 2008-2010

EUROECHO 2008 PROGRAMME COMMITTEE

Prof. José Luis Zamorano
Chairman

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Prof. Geneviève Derumeaux
Local Host

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MAIN THEMES

The two main themes this year are:

- Heart Failure
- Stress Echo (25th anniversary of Stress Echo in Europe!)

SCIENTIFIC PROGRAMME

Honorary Lectures

As every year two honorary lectures will be given during EUROECHO:

- The **Edler Lecture** by Professor Raimund Erbel.
Wednesday 10 December during the Opening Ceremony in Room AMPERE.
- The **EUROECHO Lecture** by Professor Bijoy Khandheria.
Friday 12 December at lunch time in Room AMPERE.



Imaging Campus

NEW!! The Imaging Campus is a joint collaboration between EUROECHO and Industry to create educational and demonstrative learning opportunities.

The campus will offer you a unique **one-to-one, hands-on learning experience** with specific objectives to meet your educational needs in an exclusive and intimate environment.

Each session will run four times per day on the same topic offering this enriching learning experience to a maximum number of delegates. The length of each session will be approximately one hour. During the sessions you will be in close contact with professionals who will demonstrate the different techniques, workstations or how to approach a patient (i.e. contrast echo, stress echo or 3D).

There will also be a focus on interaction with other imaging modalities like CT or MRI (including the use of MRI or CT workstations).

Pre-registration is mandatory as the number of participants per session is restricted to 15-20 per room.

Application details will be available on our Web Site: www.esccardio.org/euroecho

Live Session

Friday 12 December 2008 - from 11:00 to 12:30 in Room LUMIERE

- LIVE CASE in Contrast Echocardiography broadcasted from Louis Pradel Hospital, Bron (Lyon)

Young Investigators' Award

Any participant aged 35 or younger was eligible to submit an abstract for the Young Investigators' Award competition. The four best abstracts submitted under this category were selected for oral presentation.

At EUROECHO 2008 each of the four finalists will receive a certificate and complimentary registration. A panel of experts will then judge the competition and the First Place winner will be invited to the American Society of Echocardiography's Annual Meeting (ASE) in 2009 to present his/her work.

For further information on the Scientific Programme, please contact: EEscientific@esccardio.org

Travel Grants

The Organising Committee of EUROECHO 2008 will offer 50 Travel Grants of 215 Euros plus free registration (Standard fee).

Conditions:

- Your abstract must be accepted at EUROECHO 2008
- You must be the presenter of your abstract(s)
- You are an EAE Member 2008

There is no age limitation.

Application:

Send the following documents by email to EUROECHO Secretariat before 14 September 2008:

- Application letter including a statement of your reasons for applying
- Reference / copy of your accepted abstract(s)
- One-page CV

The deadline for application is Sunday 14 September 2008.

The Grant will be sent by bank transfer after EUROECHO 2008.

For further information contact the EUROECHO Secretariat: euroecho@esccardio.org

CME Accreditation

EUROECHO 2008 will be reviewed for accreditation by the European Board for Accreditation in Cardiology (EBAC) for External CME credits.

The accreditation results will be announced on our Web Site and in the Final Programme.

WEDNESDAY 10 DECEMBER 2008

	AMPERE	LUMIERE	BECOQUEREL	DESCARTES	PASTEUR	CURIE	PASCAL
	<p>Course on LV Function and Multimodality Imaging Organised by the French Working Group on Echocardiography of the French Society of Cardiology</p>	<p>Course on 3D Echo Joint with the American Society of Echocardiography (ASE)</p>	<p>Course on Strain and Strain rate Imaging</p>	<p>Course on Transoesophageal Echocardiography Joint with the European Association of Cardiothoracic Anaesthesiologists (EACTA)</p>	<p>Course on How to assess the adolescent and adult with congenital heart disease Joint with the Working Group on Growth-up, Congenital Heart Disease (GUCH) and the Association of European Paediatric Cardiologists (AEPCC)</p>	<p>Course on Vascular Imaging</p>	<p>Course on Cardiovascular Magnetic Resonance and Cardiac CT Organised by the Working Group on Cardiovascular Magnetic Resonance (CMR) and the Working Group on Nuclear Cardiology and Cardiac CT</p>
09:00	<p>Ischemic cardiomyopathy and LV Remodelling Physiopathology of LV remodelling. Acute ischemia (clinical case). Chronic ischemic cardiomyopathy (clinical case). Cardioprotection.</p>	<p>Basic principles and practice 3D technology for the beginner. Making a 3D study: please explain me how to do it step by step (and tell me your tricks!). My first study with echo 3D. Left ventricle: global and regional function evaluation. I can assess also RV and atrial morphology and function!! Artefacts and problems with 3D echo. How to solve them.</p>	<p>How many strains do we need? Regional strain/strain rate measurement. Why do we need these measurements in clinical practice? 2-D Strain versus Doppler derived regional deformation - a comparison of the techniques. Are they complementary? Normal findings. 3/4 D strain. Can we measure them?</p>	<p>Introduction and basics of mitral valve TEE Introduction. Anatomy and development of the mitral valve. Basics of TEE: mitral valve examination. Planes and scallops. Preoperative assessment of MV pathology. TEE and the problem of ischaemic mitral disease. Advanced views of the MV with a view to repair.</p>	<p>Segmental approach and atrial septal defects Introduction to the segmental approach: a pathologist's point of view. Segmental approach by echocardiography. Anatomical aspects - simple shunt lesions /Atrial septal defect. Echo cardiography aspects of atrial septal defects. Typical cases. Device closure of atrial septal defect and patent foramen ovale: what echo needs to provide.</p>	<p>Carotid imaging Basics of carotid evaluation. Normal findings, tricks and pitfalls. Study of carotid intima-media thickness. Vasa vasorum: How to assess. Distensibility, compliance and stability of the plaque. Integrating carotid scanning into routine practice - technical options and methods.</p>	<p>Applications of CMR Image generation - pushing speed to the limits. Morphology and function assessment - cardiac masses. Viability imaging and angiography. Flow and tagging. Safety issues.</p>
10:30							
COFFEE BREAK							
11:00	<p>Valvulopathies Quantification of valvulopathy. • Echo is the unique reference method. • CT will be of interest in the future. LV function assessment in valvular heart disease. • Echo is of interest in the future. • MRI is the unique reference method.</p>	<p>Basic applications of 3D echo Basics of mitral valve evaluation with 3D echo. Explain me again how do you study the scallops and papillary muscles. Mitral valve disease evaluation with 3D echo. Tricuspid valve evaluation with 3D echo. The aortic valve is also 3D! How to study it. Congenital heart disease with 3D echo.</p>	<p>Strain in clinical practice Strain rate imaging in ischaemic syndromes. Can we use deformation imaging to quantify stress echo? Regional deformation in valve stenosis/regurgitation. When does the ventricle fail? Hypertension/Athletes; hypertrophic cardiomyopathies. What do the new indices add? Dilated cardiomyopathies / CRT. Is 2D strain essential in patient selection?</p>	<p>TEE and surgical management of mitral valve disease Surgical options: MV repair or replacement. Intraoperative TEE of the mitral valve. What to tell the surgeon. Practice, problems and pitfalls. What is new in mitral prostheses? TEE evaluation of complications. Echo evaluation of MV/repair. What is an unsuccessful repair? How can the echo fall in the patient who fails to come off by-pass?</p>	<p>Ventricular septal defects and tetralogy of Fallot Ventricular septal defects: anatomy. Echocardiographic diagnosis of ventricular septal defects. Typical cases. Anatomy of unrepaired tetralogy of Fallot. Imaging tetralogy of Fallot: what to know before surgery. Post-operative evaluation during follow-up.</p>	<p>Detection of vulnerable atherosclerotic plaque - Joint session with the Working Group on Pathogenesis of Atherosclerosis Ultrasound contrast agents for plaque study. Measuring stress and strain in the vascular wall. Is IMT still the only surrogate for progression of atherosclerotic disease? MRI versus ultrasound: the search for surrogate endpoints for plaque stability.</p>	<p>CMR in the clinical arena Acute and chronic infarction - myocarditis by CMR. CMR for cardiomyopathies: HCM, DCM, storage diseases. Evaluation of growth-up congenital heart diseases by CMR. CMR for coronary disease work-up. CMR and heart failure - dyssynchrony</p>
12:30							
12:45 13:45	SATELLITE SYMPOSIA						
14:00	<p>Dilated cardiomyopathy Detection of LV dyssynchrony. • Echo • CRM • Isotopes Evaluation of prognosis in dilated cardiomyopathy.</p>	<p>Advanced applications of 3D echo Strain and strain rate with 3D echo. Is it worthy? Dyssynchrony. Is really 3D echo the best way to study it? 3D stress echo. How do you do it? Is it really better? 4D TEE. The last conquer. What else? What can we expect from 3D echo in future?</p>	<p>Strain indices in subclinical disease and for monitoring therapy LV torsion. A valuable new clinical index? Identify subclinical disease by deformation imaging. Monitoring therapy. RV function. What does 2D/3D strain add?</p>	<p>TEE and surgical management of aortic valve disease Basics of aortic valve evaluation with TEE. Surgical options for the aortic valve. When is it possible to repair? Intraoperative evaluation of aortic valve. What does the surgeon need to know? Monitoring surgery complications. The problem of abnormally high aortic gradients in the post-op. The coronary patient with unknown abnormal aortic valve in TEE. What to do.</p>	<p>Transposition of the great arteries Anatomical aspects of transposition. Post-operative evaluation after atrial switch procedure. Post-operative evaluation after the arterial switch procedure. CCTGA anatomy CCTGA echocardiography cases.</p>	<p>Evaluation of the aorta How to evaluate the aorta. Segments and techniques. Assessment of aortic distensibility. Clinical applications. Aortic root evaluation. The problem of aortic valvular disease due to ascending aortic disease. Acute aortic syndrome. Diagnosis and follow-up. Endovascular therapy of thoracic aorta. Selection, monitoring and follow-up.</p>	<p>Update in cardiac CT Coronary Calcium Scoring and its clinical rôle. CT angiography. Strengths and pitfalls. Plaque characterization: the hunting of the vulnerable patient. Viability and perfusion with CT. Is it possible?</p>
15:30							
16:00 17:30	OPENING CEREMONY - EDLER LECTURE by Prof. Raimund Erbel in Room AMPERE						
17:30 19:00	OPENING COCKTAIL IN THE EXHIBITION AREA						

THURSDAY 11 DECEMBER 2008 MORNING

	AMPERE	LUMIERE	BECQUEREL	DESCARTES	PASTEUR	CURIE	PASCAL	POSTER AREA
	Main Sessions Heart Failure	Symposia	Recent Advances	DICE Sessions	Teaching Courses	Special Sessions	Abstracts	
08:30	<p>Systolic heart failure - Joint session with the Heart Failure Association (HFA)</p> <p>Left ventricular remodelling: from pathophysiology to prognosis.</p> <p>How to assess the etiology of heart failure.</p> <p>Evaluation of systolic function: the old, the new and the emerging developments.</p> <p>The left atrium: a window to prognosis.</p>	<p>Patient-prosthesis mismatch. Is it clinically relevant?</p> <p>How to assess PPM.</p> <p>PPM is the main determinant of long-term outcome after valve replacement.</p> <p>PPM is rare and of minor importance.</p> <p>What can the surgeon do to prevent PPM?</p>	<p>Coronary microvascular dysfunction and metabolic diseases</p> <p>Coronary flow reserve and metabolic syndrome: the role of the insulin resistance.</p> <p>Coronary flow reserve and left ventricular hypertrophy.</p> <p>Syndrome X and microvascular angina.</p> <p>The effects of pharmacologic treatments on coronary flow reserve.</p>	<p>Polish Working Group on Echocardiography</p>	<p>Basics of cardiac ultrasound</p> <p>Echocardiography essentials: physics and instrumentation.</p> <p>Control of the echo machine: how to get optimized images.</p> <p>The normal examination: image and morphology correlates.</p> <p>Principles of Doppler and haemodynamic assessment.</p>	<p>Coarctation of the aorta: multimodality approach - Joint session with the Working Group on Growth Congenital Heart Disease (GUCH) and the Association of European Paediatric Cardiologists (AEPJ)</p> <p>Diagnosis of coarctation of the aorta at fetal and young age.</p> <p>Diagnosis of coarctation of the aorta at adult age.</p> <p>How to treat coarctation of the aorta.</p> <p>How to follow-up patients after coarctation repair.</p>	<p>O R A L A B S T R A C T S</p>	<p>P O S T E R S E S S I O N</p>
10:00								

COFFEE BREAK - MODERATED POSTERS - GENERAL POSTERS

11:00	<p>Heart failure with preserved LV systolic function - Joint session with the Heart Failure Association (HFA)</p> <p>Clinical and prognostic value of heart failure with preserved ejection fraction.</p> <p>Assessment of filling pressures and assessment of filling patterns: additive or redundant?</p> <p>The left atrium: a window to prognosis.</p> <p>New EAE/ASE recommendations for the diagnosis of diastolic dysfunction.</p>	<p>Endocarditis: a growing epidemic - Joint session with the American Society of Echocardiography (ASE)</p> <p>Endocarditis: an overview of the epidemic.</p> <p>Challenges of right sided native valve endocarditis.</p> <p>Findings and complications associated with left sided native valve endocarditis.</p> <p>Prosthetic valve endocarditis.</p>	<p>How to... in hypertrophic cardiomyopathy - Joint session with the Working Group on Myocardial and Pericardial Diseases</p> <p>Use diagnostic clues in families with unexplained hypertrophy.</p> <p>Differentiate of athletic heart from HCM.</p> <p>Use of echo in management of outflow tract obstruction (surgery/alcohol).</p> <p>Use of imaging with the new diagnostic criteria for ARVC.</p>	<p>French Working Group on Echocardiography</p>	<p>Valvular diseases I</p> <p>Aortic stenosis.</p> <p>Aortic regurgitation and diseases of the aorta.</p> <p>Mitral stenosis and selection of patients for valvotomy.</p> <p>Mitral regurgitation: organic and functional.</p>	<p>Intraoperative echocardiography - Joint session with the European Association of Cardiothoracic Anaesthesiologists (EACTA)</p> <p>Acute hemodynamic failure during weaning off bypass: role of intraoperative transesophageal echocardiography.</p> <p>Intraoperative evaluation of coronary blood flow</p> <p>Intraoperative echo in valve replacement.</p> <p>Doppler evaluation of hemodynamic parameters during intraoperative echocardiography.</p>	<p>O R A L A B S T R A C T S</p>	<p>P O S T E R S E S S I O N</p>
12:30								

SATELLITE SYMPOSIA

YOUNG INVESTIGATORS' AWARDS in Room PASCAL



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THURSDAY 11 DECEMBER 2008 AFTERNOON

	AMPERE	LUMIERE	BECQUEREL	DESCARTES	PASTEUR	CURIE	PASCAL	POSTER AREA
	Main Sessions Heart Failure	Symposia	Recent Advances	DICE Sessions	Teaching Courses	Special Sessions	Abstracts	
14:00	The right ventricle in heart failure - Joint session with the Heart Failure Association (HFA) New insights in the evaluation of right ventricular function. The potential clinical role of ultrasonic myocardial deformation imaging in the evaluation of the right ventricle. Do echocardiographic RV parameters predict prognosis in heart failure? The importance of right ventricular function in the pre- and post-operative evaluation of patients undergoing cardiac surgery.	Focus on imaging in severe aortic stenosis New insights in severe calcific AS: TDI, 3D and molecular imaging. Do they help to identify the asymptomatic AS patient who benefits from surgery? Low gradient, low EF AS. Is it ever too late to operate? Low gradient, normal EF severe AS. Does it really exist? Medical therapy of aortic stenosis: I wish you were here.	Fusion of imaging modalities: revolution in cardiac imaging - Joint session with the Working Group on Nuclear Cardiology and Cardiac CT Echocardiography and MRI for valve diseases. CT and coronary echocardiography for CAD. Nuclear imaging and CT for CAD. The future in fusion imaging. What to expect.	Albanian Working Group on Echocardiography	Valvular diseases II Diseases of the tricuspid valve. Asymptomatic significant chronic valve disease: follow-up and timing for surgery. Combined, multivalvular diseases. Diagnosis and management of infective endocarditis: the role of echo.	How to... guide the haemodynamist In percutaneous closure of atrial and ventricular septal defects. In percutaneous mitral valve commissurotomy. In percutaneous periprosthetic leak management. In percutaneous aortic valve implantation procedure.	O R A L A B S T R A C T S	P O S T E R S E S S I O N
15:30								
COFFEE BREAK - MODERATED POSTERS - GENERAL POSTERS								
16:30	Identifying candidates for CRT - from the guidelines to clinical practice - Joint session with the Heart Failure Association (HFA) and the European Heart Rhythm Association (EHRA) QRS Duration: is it enough for CRT LV Dyssynchrony: should it be evaluated echocardiographically? Is echocardiography necessary to optimize the AV and the VV times? Do any other imaging modalities have a role to play in CRT? Tissue Doppler, deformation images and 3D echocardiography: which method is more precise.	The role of echocardiography in connective tissue diseases Cardiac involvement in systemic lupus erythematosus. Cardiac involvement in rheumatoid arthritis. Cardiac involvement in sclerodermia. Cardiac involvement in the antiphospholipid syndrome.	Imaging approach to pulmonary hypertension RV remodelling and its role in different categories of pulmonary hypertension. Doppler flow patterns in the evaluation of pulmonary hypertension. The agreement between noninvasive and invasive indices for the estimation of RV hemodynamics and function. The utility of new imaging modalities in the prognosis of PHF patients.	Working Group on Congenital Heart Disease (GUCH)	Ventricular function How to evaluate LV global systolic function: the old and the new. Regional function and evaluation of dyssynchrony. An integrated approach to study LV diastolic function: what, when and how. Right ventricular function and disease.	Controversies in echocardiography 2D versus 3D/4D. Doing fine with 2D, don't need 3D/4D. 3D/4D is here to stay, I use it everyday. Hibernating myocardium versus non-transmural infarction: is there a paradigm change? Pro MRI assessment: late contrast enhancement conclusively defines myocardial viability. Pro stress echo assessment: contractile reserve is crucial for clinical management.	O R A L A B S T R A C T S	P O S T E R S E S S I O N
18:00								
18:15	SATELLITE SYMPOSIA							
19:45	SATELLITE SYMPOSIA							

Valid at the date of printing 25.04.2008

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- 08:30 – 09:30 / 11:00 – 12:00 / 14:00 – 15:00 / 16:30 – 17:30

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FRIDAY 12 DECEMBER 2008 MORNING

	AMPERE	LUMIERE	BECQUEREL	DESCARTES	PASTEUR	CURIE	PASCAL	POSTER AREA
	Main Sessions Stress Echo	Symposia	Recent Advances	DICE Sessions	Teaching Courses	Special Sessions	Abstracts	
08:30	<p>Stress echo vs. competing techniques</p> <p>Stress echo vs. nuclear.</p> <p>Stress echo vs. CMR</p> <p>Stress echo vs. MSCT</p> <p>The imperative of appropriateness.</p>	<p>Assessing cardiovascular risk in athletes</p> <p>Inherited diseases (specimens).</p> <p>Acquired diseases (specimens).</p> <p>Non-invasive diagnosis.</p> <p>Imaging and preventive strategies.</p>	<p>Predictive value of imaging on outcome</p> <p>Echocardiography.</p> <p>Myocardial perfusion imaging.</p> <p>Cardiac CT.</p> <p>Cardiovascular magnetic resonance.</p>	<p>Serbian Working Group on Echocardiography</p>	<p>Cardiomyopathies</p> <p>Hypertrophic cardiomyopathy.</p> <p>Dilated cardiomyopathy.</p> <p>Infiltrative cardiomyopathies, storage and endomyocardial diseases.</p> <p>Athlete's heart.</p>	<p>Imaging Viability to justify revascularisation - Joint session with the Working Group on Nuclear Cardiology and Cardiac CT</p> <p>The clinical problem - which patient benefits most from imaging?</p> <p>Echo techniques for viability assessment.</p> <p>CMR to assess viability.</p> <p>Nuclear techniques and hybrid imaging.</p>	<p>Abstracts</p>	<p>P O S T E R S E S S I O N</p>
10:00								

COFFEE BREAK - MODERATED POSTERS - GENERAL POSTERS

	AMPERE	LUMIERE	BECQUEREL	DESCARTES	PASTEUR	CURIE	PASCAL	POSTER AREA
	Stress echo: from high-tech to high-thought	LIVE CASE in contrast echocardiography	Late outcome after tetralogy of Fallot - Joint session with the Working Group on Grow-up Congenital Heart Disease (GUCh) and the Association of European Paediatric Cardiologists (AEPc)	Belgian Working Group on Echocardiography	Emergency echo	How to... diagnose rare cardiac diseases	Abstracts	
11:00	<p>Vascular stress echocardiography: ventricular and arterial elastance.</p> <p>Alveolar capillary membrane stress echo: the incredible ULC.</p> <p>Pediatric stress echo: small is beautiful.</p> <p>Intraventricular pressure gradient.</p>	<p>How to assess the post-operative tetralogy patients.</p> <p>Effect of pulmonary regurgitation on RV function.</p> <p>Are we intervening too early or too late?</p> <p>Effect of new percutaneous techniques on post-operative strategies.</p>	<p>Emergency echo: the essentials.</p> <p>Prosthetic heart valves: normal and abnormal functioning.</p> <p>Diagnosis of complications in patients with AMI.</p> <p>Cardiac tamponade.</p>	<p>How to diagnose arrhythmogenic right ventricular cardiomyopathy.</p> <p>How to diagnose left ventricular non compaction.</p> <p>How to diagnose Friedreich cardiomyopathy.</p> <p>How to diagnose Fabry cardiomyopathy.</p> <p>How to diagnose cardiac amyloidosis</p>	<p>Abstracts</p>	<p>P O S T E R S E S S I O N</p>		
12:30								

EUROECHO Lecture by Prof. Bijoy Khandheria in Room AMPERE

12:45

13:45



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FRIDAY 12 DECEMBER 2008 AFTERNOON

	AMPERE	LUMIERE	BECQUEREL	DESCARTES	PASTEUR	CURIE	PASCAL	POSTER AREA
	Main Sessions Stress Echo		Recent Advances	DICE Sessions	Teaching Courses	Special Sessions	Abstracts	
14:00	<p>Stress echo: do Europeans do it better? State-of-art stress echo: coronary flow reserve is here to stay.</p> <p>Stress echo in heart failure: no contractile reserve, no party!</p> <p>Stress echo in valvular heart disease.</p> <p>Stress systolic pulmonary arterial pressure: the prototype of genetic stress echocardiography.</p> <p>Stress echo: road to sustainability in cardiac imaging.</p>	<p>Doppler echocardiography as a harbinger of early surgery for active endocarditis</p> <p>Valvular vegetations and complications.</p> <p>Emboic risk and early surgery.</p> <p>Hemocultive negative endocarditis: a key role of echo?</p> <p>Repair feasibility: the ultimate challenge.</p>	<p>Prognostic impact of detecting calcium in the heart</p> <p>Prognostic value of coronary calcium score.</p> <p>Prognostic value of calcium in the aortic valve.</p> <p>Prognostic value of calcification of mitral valve.</p> <p>Prognostic value of aortic wall calcification.</p>	<p>Echocardiography Council of the Inter-American Society of Cardiology (ECOSIAC)</p>	<p>Atrial function and embolism</p> <p>Evaluation of left atrial size, volume and function.</p> <p>Patients with atrial fibrillation: evaluation prior to cardioversion and ablation.</p> <p>Source of embolism.</p> <p>Echocardiographic diagnosis of cardiac malignancies.</p>	<p>Multimodality approach in coronary artery disease</p> <p>From lumimodgy to functional evaluation of a coronary stenosis: where we are going.</p> <p>Noninvasive evaluation of coronary flow reserve: what diagnosis and which pathways.</p> <p>What is the added clinical value of 3D echo evaluation in ischemic heart disease.</p> <p>Why and when to perform CMR in CAD.</p> <p>Multislice CT is it a rationale application in clinical arena: why and when.</p>	<p>O R A A L A B S T R A C T S</p>	<p>P O S T E R S E S S I O N</p>
15:30	COFFEE BREAK - MODERATED POSTERS - GENERAL POSTERS							

	COFFEE BREAK - MODERATED POSTERS - GENERAL POSTERS			HELENIC WORKING GROUP ON ECHOCARDIOGRAPHY	Echocardiography and systemic diseases	Debate: prevention of cardiac source of embolism		
16:30	<p>Myocarditis</p> <p>Anatomopathological background and classification.</p> <p>Role of echocardiography in diagnosis and stratification.</p> <p>Role of magnetic resonance imaging in diagnosis.</p> <p>Use of echo to wean patients from ventricular assistance.</p>	<p>Mitral valve disease: state of the art - Joint session with the American Society of Echocardiography (ASE) and the Working Group on Valvular Heart Disease (VHD)</p> <p>Insights into functional and ischemic MR.</p> <p>What is the role for stress testing in pts with mitral regurgitation?</p> <p>Percutaneous valve repair - is it ready for prime time?</p> <p>Mitral valve repair surgery - when and how.</p>	<p>Mitral valve disease: state of the art - Joint session with the American Society of Echocardiography (ASE) and the Working Group on Valvular Heart Disease (VHD)</p> <p>Insights into functional and ischemic MR.</p> <p>What is the role for stress testing in pts with mitral regurgitation?</p> <p>Percutaneous valve repair - is it ready for prime time?</p> <p>Mitral valve repair surgery - when and how.</p>	<p>Helenic Working Group on Echocardiography</p>	<p>Echocardiography and systemic diseases</p> <p>Atherosclerotic disease: what can be gathered through echo?</p> <p>Echocardiographic findings in connective tissue diseases.</p> <p>Cardiotoxic effects of drugs and radiation.</p> <p>The heart in patients with the metabolic syndrome.</p>	<p>Debate: prevention of cardiac source of embolism</p> <p>Close all patent foramen ovals for secondary prevention of cerebral embolism?</p> <p>Pro:</p> <p>Contra:</p> <p>It's clinical evaluation sufficient to stratify embolic risk in patients with atrial fibrillation?</p> <p>Pro:</p> <p>Contra:</p>	<p>O R A A L A B S T R A C T S</p>	<p>P O S T E R S E S S I O N</p>
18:00	SATELLITE SYMPOSIA							
18:15	SATELLITE SYMPOSIA							
19:45	SATELLITE SYMPOSIA							

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SATURDAY 13 DECEMBER 2008 MORNING

	AMPERE	LUMIERE	BECOUREL	DESCARTES	PASTEUR	CURIE	PASCAL	POSTER AREA	
	Main Sessions	Symposia	Recent Advances	DICE Sessions	Teaching Courses	Special Sessions	Abstracts		
08:30	<p>Contrast echo: a clinical approach Clinical utility of contrast echo. Were do we stay now?</p> <p>Post-MI perfusion assessment to predict myocardial viability and LV remodelling.</p> <p>Clinical benefit of contrast for stress echocardiography.</p> <p>Adenosine myocardial contrast echo to detect coronary stenosis at rest.</p>	<p>Diabetic cardiomyopathy: an old but new entity Structural abnormalities in the diabetic heart.</p> <p>Left ventricular function and diabetes.</p> <p>The role of coronary microcirculation.</p> <p>The inotropic reserve in the diabetic patient without coronary artery disease.</p>	<p>Evaluation of patients with chronic tricuspid regurgitation - Joint session with the Working Group on Valvular Heart Disease (VHD)</p> <p>Quantification by echo.</p> <p>New cardiac magnetic resonance imaging approaches to quantification.</p> <p>Measurement of the right ventricular response.</p> <p>Follow-up and timing of intervention.</p>	<p>Indian DICE Session</p>	<p>How to...</p> <p>Perform an echo in the adult patient with congenital heart disease.</p> <p>Differentiate restrictive cardiomyopathy from constrictive pericarditis.</p> <p>Evaluate pulmonary embolism.</p> <p>Report an echocardiographic study.</p>	<p>How to... follow CRT patients - Joint session with the Japanese Society of Echocardiography (JSE)</p> <p>Follow-up of CRT patients. How to do it.</p> <p>The non-responder CRT patient. What to look for.</p> <p>Atrioventricular optimisation step by step.</p> <p>Optimisation of the interventional delay step by step.</p>	<p>O R A L</p> <p>A B S T R A C T S</p>	P O S T E R	S E S S I O N
10:00									
COFFEE BREAK - MODERATED POSTERS - GENERAL POSTERS									
11:00	<p>Characterisation of arrhythmogenic RV cardiomyopathy</p> <p>Pathological anatomy of ARVC.</p> <p>Echocardiographic assessment of RV morphofunctional abnormalities.</p> <p>Angiography and EMB.</p> <p>Scar characterisation by electroanatomic voltage mapping and contrast-enhanced CMR.</p>	<p>Marfan syndrome and related connective tissue disorders - Joint session with the Working Group on Growth-up Congenital Heart Disease (GUCH) and the Association of European Paediatric Cardiologists (AEPCC)</p> <p>New developments in the genetics and pathophysiology of Marfan syndrome.</p> <p>Cardiac evaluation of Marfan patients: Role of echocardiography.</p> <p>Cardiac evaluation of Marfan patients: role for MR or cardiac CT.</p> <p>Vascular dynamics in Marfan patients.</p>	<p>Prosthetic valve thrombosis</p> <p>How to diagnose a prosthetic valve thrombosis: complementary role of echo and fluoroscopy.</p> <p>Early post-operative screening for prosthetic valve thrombosis.</p> <p>Guidelines in therapy of prosthetic valve thrombosis.</p> <p>Echo in the management of prosthetic valve thrombosis. Can we predict the success of thrombolytic therapy?</p> <p>The surgeon point of view.</p>	<p>Romanian Working Group on Echocardiography</p>	<p>Advanced echo techniques</p> <p>Transoesophageal echocardiography: principles and added value.</p> <p>Stress echocardiography: when and how.</p> <p>Technical aspects and current applications for contrast echocardiography.</p> <p>Real time 3D echocardiography: ready for use?</p>	<p>Cancer therapy and the heart</p> <p>Toxicity by old agents: anthracycline toxicity.</p> <p>Toxicity by new agents: tyrosine kinase inhibitors.</p> <p>Radiation toxicity.</p> <p>The pediatric patient perspective.</p>	<p>O R A L</p> <p>A B S T R A C T S</p>	P O S T E R	S E S S I O N
12:30									

Valid at the date of printing 25-04-2008

EAE Accreditation Examinations

Take advantage of your presence at EUROECHO to sit one of the three accreditation exams organised by the EAE. Please note that registration to the Congress is not a prerequisite for enrolment. Onsite enrolments are welcome and subject to availability. The accreditation process provides formal European recognition of your practical experience and knowledge in 3 different areas:

Congenital Heart Disease Echocardiography (CHD)	Thursday 11 December	14:00 to 18:00
Adult Transoesophageal Echocardiography (TEE)	Friday 12 December	09:00 to 13:00
Adult Transthoracic Echocardiography (TTE)	Friday 12 December	15:00 to 19:00

All three examinations will take place in the Exam Room, 2nd Floor above Registration. Registration conditions and enrolment form can be found on www.escardio.org/EAE

REGISTRATION

Registration Fees

The Standard registration fee entitles delegates to the following:

- Entry to all scientific sessions and the exhibition
- Entry to the Opening Ceremony on Wednesday 10 December 2008
- Free coffee breaks in the Poster Area
- The Abstract Book and the Final Programme
- 1 year subscription (8 issues) to the European Journal of Echocardiography 2009

The Package registration fee entitles delegates to the following:

- Same as Standard fee
- **EAE membership for 2009** (at a reduced price)

Registration Deadlines

Early Registration Fee 1 October 2008
Pre-Registration 5 November 2008

After 5 November 2008, registrations can be made on-site in Lyon.

REGISTRATION FEES (including 19,6% VAT)		Early Fee until 01.10.2008	Late Fee from 02.10.2008	On-site from 09.12.2008
EAE MEMBER 2008	Package	€ 440	€ 560	€ 560
	Standard	€ 425	€ 545	€ 545
NON-MEMBER	Package	€ 500	€ 620	€ 620
	Standard	€ 480	€ 600	€ 600
BORN AFTER 01.01.78 (*)		€ 285	€ 330	€ 330
NURSE/SONOGRAPHER (*)		€ 285	€ 330	€ 330
INDIVIDUAL DAY TICKETS	Wednesday 10	€ 275	€ 275	€ 275
	Thursday 11	-	-	€ 275
	Friday 12	-	-	€ 275
1/2 DAY TICKET	Saturday 13	-	-	€ 150
ACCOMPANYING PERSON		€ 70	€ 70	€ 70

(*) Reduced Fees: A copy of ID card or passport for the Born After Fee and a Statement from the head of your department for the Nurse/Sonographer Fee must be provided.

Online registration via "My ESC" is available on our Web Site: www.escardio.org/euroecho
 For further information, please contact the ESC Registration Department: EEregistration@escardio.org

EAE Journals

Subscription to the European Journal of Echocardiography for 2009 is included in all registration fees except for day tickets and accompanying persons. **The EJE now includes 8 issues instead of 6 as in past years.**

HOTEL ACCOMMODATION

The ESC has reserved rooms in various price category hotels in Lyon from 10 to 13 December 2008. All other dates are upon request and subject to hotels' room availability.

All hotels below have easy access to the Convention Centre by local transport. No shuttles or transfers are provided by the ESC.

HOTEL	Single Room	Double Room	HOTEL	Single Room	Double Room
Hilton Lyon (4*)	€ 260,65	€ 286,30	La Reine Astrid (4*)	€ 167,55	€ 185,30
Hotel de la Cite (4*)	€ 221,65	€ 233,30	Mercure Chateau Perrache (4*)	€ 159,15	€ 189,30
Sofitel Lyon (4*)	€ 223,65	€ 275,30	Holiday Inn Garden Court (3*)	€ 161,10	€ 172,20
Royal Hotel Lyon (4*)	€ 188,65	€ 232,30	Novotel Part Dieu (3*)	€ 146,10	€ 169,20
Park & Suites Residence (4*)	€ 195,00	€ 220,00	Carlton Hotel (3*)	€ 145,10	€ 168,20
Boscolo Grand Hotel (4*)	€ 181,65	€ 208,30	Kyriad Prestige Centre (3*)	€ 124,10	
Grand Hotel Saxe Lafayette (4*)	€ 161,55	€ 188,10			

Rates in Euro per night including Breakfast and Taxes

To book and locate your preferred hotel, please visit our Web Site: www.escardio.org/euroecho
 For further information, please contact the ESC Hotels Department: EEhotels@escardio.org

CONGRESS TIMETABLE

	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	
	07:30	08:30	09:30	10:30	11:30	12:30	13:30	14:30	15:30	16:30	17:30	18:30	19:30	20:30	
Tuesday 9 December 2008				Registration											
				Speakers' Service Centre											
Wednesday 10 December 2008				Registration											
				Speakers' Service Centre											
				Exhibition											
				Scientific Sessions	Scientific Sessions			Scientific Sessions		Opening Ceremony	Opening Cocktail				
							Satellite Symposia								
Thursday 11 December 2008				Registration											
				Speakers' Service Centre											
				Exhibition											
				Scientific Sessions		Scientific Sessions	YIA	Scientific Sessions			Scientific Sessions				
					Posters		Satellite Symposia			Posters			Satellite Symposia		
Friday 12 December 2008				Registration											
				Speakers' Service Centre											
				Exhibition											
				Scientific Sessions		Scientific Sessions		Scientific Sessions			Scientific Sessions				
					Posters		EUROECHO Lecture			Posters			Satellite Symposia		
Saturday 13 December 2008				Registration											
				Speakers' Service Centre											
				Scientific Sessions		Scientific Sessions									
					Posters										

Opening Hours

	Tuesday 9 December	Wednesday 10 December	Thursday 11 December	Friday 12 December	Saturday 13 December
Registration	10:00-18:30	07:30-18:30	07:30-18:30	07:30-18:30	07:30-13:00
SSC	10:00-18:30	07:30-18:30	07:30-18:30	07:30-18:30	07:30-12:30
Exhibition	Closed	10:00-19:00	09:30-18:00	09:30-18:00	Closed

GENERAL INFORMATION

Venue

Centre de Congrès de Lyon
Cité Internationale
510, Quai Charles de Gaulle
69463 Lyon - France
www.ccc-lyon.com



The building is fully accessible to disabled people.

Secretariat

ESC - EUROECHO 2008
2035 Route des Colles - BP 179 - Les Templiers
06903 Sophia Antipolis Cedex, France

For **General Information**, please contact:
Tel.: +33 (0)4 92 94 76 00
Fax: +33 (0)4 92 94 76 01
Email: euroecho@escardio.org

Language

The official language is English. All lectures and presentation will be held in English. No translation is available.

CITY INFORMATION

Lyon

Located at the confluence of the Rhône and Saône rivers, Lyon is about 90 minutes from Marseille and two hours from Paris by TGV. Surrounded by vineyards, France's second largest city is known for its "bouchon" bistros and home to starred restaurants. This capital of gastronomy is also a listed UNESCO World Heritage site, famous for the invention of the silk loom and as the birthplace of the inventors of cinema.



Don't miss

Festival of Lights - Fête des Lumières

7 - 10 December 2008, four days of celebration!

The "Festival of Lights" - in French "Fête des Lumières" - illuminates the city every December. Lighting experts from Lyon and elsewhere in Europe transform the town into a giant fresco of colour. From spectacular scenarios projected onto the façades of the main buildings to small artistic offerings installed in the pathways of La Croix Rouge or in the Old Town, the entire town is lit up and seems to vibrate beneath the gaze of some 3 million spectators. A chance for people to participate and interact, this huge event enables everyone to share thrills and emotion in all the neighbourhoods of the capital of the Gauls, in a truly festive atmosphere.

"Fête des Lumières" official Web Site: www.lumieres.lyon.fr

Gastronomy

Make no mistake, Lyon is undeniably the capital of French gastronomy.



"Leave ingredients with the taste of what they are" – this is the secret of Lyon's cuisine!

The city is a reference in culinary art thanks to its talented chefs, who combine tradition and creativity. This know-how was built up over the years by the city's women folk, notably the Mères Lyonnaises in the 19th Century. Food fans can just as easily find a cosy auberge and its ham, bacon and paté washed down with a Beaujolais from the nearby vineyards or the more hushed tones of a five-star restaurant run by one of France's internationally-renowned chefs, such as Bocuse, Lacombe, Orsi or Troisgros.

More information can be found on our Web Site: www.escardio.org/euroecho

TRANSPORT

Official Airline

Air France Discounts: EUROECHO 2008

Identifier Code: 03919AF

Valid for travel from 05/12/2008 to 18/12/2008



Discounts are applied to a wide range of airfares, in all classes of travel (Espace Première [First], Espace Affaires [Business] and Tempo [Coach]) on all Air France flights worldwide.

To access the preferential fares granted for this event, use this link: www.airfrance-globalmeetings.com or the website of this event.

This present document of the event serves to justify the application of the preferential airfare. Keep it with you as you may be asked for it at any point of your journey.

To locate your nearest Air France sales point, consult: www.airfrance.com

Visit our Web Site www.escardio.org/euroecho to find out more about transport.