



20TH
ANNIVERSARY

20th ECHO AUSTRALIA CONFERENCE

New Dates: 14 - 16 February, 2022

GOLD COAST CONVENTION AND EXHIBITION CENTRE

Over the last twenty years, the ECHO Australia conference has built a reputation as Australia's leading echocardiography conference by engaging the world's leading practitioners and facilitating an interactive program.

PROGRAM

INTERNATIONAL FACULTY



Alex P Lee

MBChB (Hons), MD, MRCP, FRCP, FRCP (Edin), FACC, FESC, FHKCP, FHKAM (Medicine)

Professor of Medicine & Therapeutics

Chinese University of Hong Kong
Director of Echocardiography Laboratory
Prince of Wales Hospital
Director of Laboratory of Cardiac Imaging & 3D Printing
Li Ka Shing Institute of Health Science

Dr. Lee is Professor of Medicine and Therapeutics at the Chinese University of Hong Kong, and Director of Echocardiography Laboratory at the Prince of Wales Hospital in Hong Kong.



Jae K Oh

MD, FACC, FAHA, FASE, FESC

Professor of CV Diseases Samsung
Co-Director Integrated CV Imaging

Director, Echo Core Laboratory
Mayo Clinic, Rochester, USA
President Asian-Pacific Association of Echocardiography
Founding Director Samsung Heart Vascular Stroke Institute, Korea

Jae K. Oh, M.D., is a cardiologist with a special interest in echocardiography, multimodality imaging and structural heart diseases including pericardial diseases and valvular heart diseases for his clinical practice, research and education.



James D Thomas

MD, FACC, FASE, FESC

Director Centre for Heart Valve Disease

& Director of Academic Affairs
Bluhm Cardiovascular Institute, Northwestern Medicine
Lead Scientist for Ultrasound
NASA

Past-President
American Society of Echocardiography

James D. Thomas, MD, is a cardiologist at Northwestern Medicine with a clinical focus in valvular heart disease and echocardiography and extensive research into applying physical principles and advanced technology in cardiovascular imaging.



Cathy West

MSc, DMU (Cardiac), AMS, FASE

Principal Echocardiographer

Royal Brompton Hospital, London
Sessional Lecturer

Central Queensland University
Faculty
Medmastery
International Representative to Council
British Society of Echocardiography
Immediate Past International Representative

Board of Directors, American Society of Echocardiography
Cathy West is the Principal Echocardiographer at the Royal Brompton Hospital in London, United Kingdom.

DAY 1

14th February

PROGRAM

Session 1: Tricuspid & Pulmonary Valve Disease

7:00	Registration
7:45	Welcome & Overview - Greg Scalia
8:00 - 8:35	Live Dissection Right Heart - Aubrey Almeida & Helen Thomson
8:35 - 9:00	Getting It Right Imaging the Right Ventricle including current role of 3D - Natalie Edwards
9:00 - 9:20	Imaging of the Tricuspid Valve State of the art anatomical and function assessment - Greg Scalia
9:20 - 9:40	Let's Not Forget the Pulmonary Valve (It Gets Diseased Too) - Cathy West
9:40 - 10:00	Q&A Panel Discussion - All Speakers
10:00 - 10:30	BREAK

Session 2: Aortic & Mitral Disease

10:30 - 11:00	Live Dissection Left Heart - Aubrey Almeida & Helen Thomson
11:00 - 11:25	Aortic stenosis Detection and Management based on AI and Imaging - Jae Oh
11:25 - 11:45	Assessment of primary vs secondary mitral regurgitation Perils & Pitfalls - Darryl Burstow
11:45 - 12:05	Aortic Regurgitation Qualification vs. Quantification: My Top Tips - Bonita Anderson
12:05 - 12:30	Q&A Panel Discussion - All Speakers
12:30 - 1:30	LUNCH

Session 3: Structural Heart Disease

1:30 - 1:50	Imaging for Septal Defect Closure (ASD & PFO) Assessment of the Diagnosis and Pitfalls - Alex Lee
1:50 - 2:10	Degenerated Bio Prostheses and Valve-in-Valve What you need to know - Kathy Lau
2:10 - 2:30	Tips and Tricks of Imaging from the Structural Lab - Greg Scalia
2:30 - 2:50	Left Atrial Appendage Occluder Device, Measurement - Julie Humphries
2:50 - 3:00	Q&A Panel Discussion - All Speakers
3:00 - 3:30	BREAK

Session 4: Hot Topics

3:30 - 3:50	Brave New World How Echo With Thrive With Artificial Intelligence - James Thomas
3:50 - 4:10	How COVID-19 Has Impacted Echocardiography UK Viewpoint - Cathy West
4:10 - 4:30	Role of 3D Printing in Structural Heart Intervention - Alex Lee
4:30 - 4:50	Aortic Dissection New Insights Into Predicting Risk - Julie Humphries
4:50 - 5:10	Rapid Fire Cases Bonita Anderson
5:10 - 5:30	Q&A Panel Discussion - All Speakers

DAY 2

15th February

PROGRAM

Session 1: Cardiomyopathies

7:30	Registration
8:00 - 8:20	Echocardiographic Assessment of Cardiomyopathies Its Current Role in Diagnosis and Classification (Focus on DCM Phenotype) - Bonita Anderson
8:20 - 8:40	Hypertrophic Cardiomyopathy 2021 (Including a Look at the New Guidelines) - Helen Thomson
8:40 - 9:00	Right Ventricular Cardiomyopathies: Diagnostic Features - Christian Hamilton-Craig
9:00 - 9:20	Strain Imaging in Cardiomyopathies - Jonathan Chan
9:20 - 10:00	Q&A Panel Discussion - All Speakers
10:00 - 10:30	BREAK

Session 2: Heart Failure & Ischaemic Heart Disease

10:30 - 10:50	Echocardiography for HFpEF - Jae Oh
10:50 - 11:10	How Not to Miss Constrictive Pericarditis - Darryl Burstow
11:10 - 11:30	Practical Application of Stress Echo for Ischaemic Heart Disease - Ben Fitzgerald
11:30 - 11:50	Myocardial Work Imaging: Is It Worth the "Work"? - James Thomas
11:50 - 12:10	Rapid Fire Cases: Interesting Cases for the CCU, ICU and ER (with a focus on the complications of MI) - Vinesh Appadurai, Kathy Lau & David Platts
12:10 - 12:30	Q&A Panel Discussion - All Speakers
12:30 - 1:30	LUNCH

Session 3.1: (Concurrent Session) Live Scanning 1 - 3D ECHO

1:30 - 3:00	Presented by Natalie Edwards & Greg Scalia
3:00 - 3:30	BREAK

Session 3.2: (Concurrent Session) Interactive Cases - Cardiac Masses & IE

1:30 - 3:00	Presented by Helen Thomson & David Platts
3:00 - 3:30	BREAK

Session 3.3: (Concurrent Session) Lectures - Advanced Adult Congenital Heart Disease

1:30 - 3:00	1:30 - 1:50 Case Based: Rasetelli in TGA/VSD/PS - Justin O'Leary
	1:50 - 2:10 Echocardiography in Pregnancy - Kylie Burns
	2:10 - 2:30 Case Based: Fontan in HLHS - Justin O'Leary
	2:30 - 2:50 Follow-Up of the Fontan Patient - Kylie Burns
	2:50 - 3:00 Q&A - All Speakers
3:00 - 3:30	BREAK

Session 3.4: (Concurrent Session) Computer Workshop - Basic LV Strain

1:30 - 3:00	Presented by Vinesh Appadurai
3:00 - 3:30	BREAK

Session 4.1: (Concurrent Session) Adult CHD: Scanning Tips

3:30 - 5:00	Presented by Kylie Edwards & Justin O'Leary
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Session 4.2: (Concurrent Session) Interactive Cases - Valves & Prostheses

3:30 - 5:00	Presented by Darryl Burstow & Kathy Lau
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DAY 2

15th February

Session 4.3: (Concurrent Session) Contrast Lectures

3:30 - 5:00	3:30 - 3:50	Bubble Basics - David Platts
	3:50 - 4:10	Contrast Echo: More to Offer than LVEF - Cathy West
	4:10 - 4:30	How To Start A Contrast Service in Your Lab - David Platts
	4:30 - 4:50	Saline Bubble Studies: The Other Contrast Study - Vinesh Appadurai
	4:50 - 3:00	Q&A Panel Discussion

Session 4.4: (Concurrent Session) Computer Workshop - 3D TTE

3:30 - 5:00 Presented by Natalie Edwards & Bonita Anderson

DAY 3

16th February

PROGRAM

Session 1: Case Competition & Diastology

7:30	Registration
7:30 - 8:00	Case Competition - Judges: Bonita Anderson, Jonathan Chan & Kylie Burns
8:30 - 8:50	Diastology 101: Keeping It Simple - Greg Scalie
8:50 - 9:10	Diastolic Stress Testing: When, Why & How - Ben Fitzgerald
9:10 - 9:30	New Tools & New Insights Into Diastolic Dysfunction - Martin Ugander
9:30 - 9:50	Q&A Panel Discussion - All Speakers
9:50 - 10:00	Announcement of Case Competition Winners
	Including 'People's Choice' Vote for Best Sonographer & Best Physician Case
	- Natalie Edwards & Christian Hamilton-Craig
10:00 - 10:30	BREAK

5th John O'Shea Memorial Lecture - John Fraser

10:30 - 10:50	Introduction - Greg Scalia
10:50 - 11:00	Lecture: The Clinician's Role as a Global Citizen, Our Ethical Imperative

Session 2: Pulmonary Hypertension & Pericardial Disease

11:00 - 11:20	Pulmonary Hypertension in 2021
	Haemodynamic Definitions & Updated Clinical Classification - Julie Humphries
11:20 - 11:40	Echo Assessment of Pulmonary Hypertension: Beyond RVSP - Bonita Anderson
11:40 - 12:00	Pericardial Disease & Tamponade - Darryl Burstow
12:00 - 12:20	Q&A Panel Discussion - All Speakers
12:20 - 12:30	Farewell Address - Darryl Burstow
12:30 - 1:30	LUNCH

Session 3.1: (Concurrent Session) Live Scanning 3 - Quantification

1:30 - 3:00	Presented by Bonita Anderson & Natalie Edwards
3:00 - 3:30	BREAK

DAY 3

16th February

Session 3.2: (Concurrent Session) Interactive Cases - Systemic Diseases/Cardiomyopathy

1:30 - 3:00 Presented by Ben Fitzgerald & Julie Humphries
3:00 - 3:30 BREAK

Session 3.3: (Concurrent Session) Mechanical Cardiac Support Lectures

1:30 - 3:00	1:30 - 1:50	Current Perspectives on MCS: Surgeon's Perspective - Aubrey Almeida
	1:50 - 2:10	Mechanical Cardiac Support & Echo - David Platts
	2:10 - 2:30	Echo in ECMO - Kathy Lau
	2:30 - 2:50	Echo in Impella - David Platts
	2:50 - 3:00	Q&A All Speakers
3:00 - 3:30	BREAK	

Session 3.4: (Concurrent Session) Computer Workshop - Advanced Strain

1:30 - 3:00 Presented by Vinesh Appadurai
3:00 - 3:30 BREAK

Session 4.1: (Concurrent Session) Live Scanning - Strain

3:30 - 5:00 Presented by Natalie Edwards & Vinesh Appadurai

Session 4.2: (Concurrent Session) Interactive Cases - Stress ECHO

3:30 - 5:00 Presented by Julie Humphries

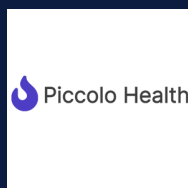
Session 4.3: (Concurrent Session) Multimodality Imaging Lectures

3:30 - 5:00	3:30 - 3:50	LV Volumes & Function: Important Modality Differences - Martin Ugander
	3:50 - 4:10	Valvular Regurgitation: When to Consider CMR - Christian Hamilton-Craig
	4:10 - 4:30	Coronary Microvascular Dysfunction: Latest for Echo, Nuc & CMR - Martin Ugander
	4:30 - 4:50	RV Size & Function: Help from CMR - Christian Hamilton-Craig
	4:50 - 5:10	Rapid Fire Cases: Complications Post Structural Heart Disease Interventions
	5:10 - 5:30	Q&A All Speakers

Session 4.4: (Concurrent Session) Computer Workshop - 3D Transoesophageal Echo

3:30 - 5:00 Presented by Kathy Lau & Helen Thomson

Thanks to our presenting partner, sponsors & exhibitors.



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