

Socjeta Maltija
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Maltese Cardiac
Society

MALTESE CARDIAC SOCIETY CONFERENCE 2021



Maltese Cardiac Society
Conference 2021

14-17
OCTOBER

Scientific Programme

Hybrid event | Free Registration

www.mcardios.org

Dear friends and colleagues,

Welcome to the Maltese Cardiac Society Conference 2021. This annual conference is the highlight of our society's scientific activities.

During the conference the abstract sessions serve as a showcase of local research and are the launch pad of tomorrow's cardiologists. Multinational experts from various cardiology subspecialties will share their knowledge, skills and experience with us. We liaise and partner with the European Society of Cardiology (ESC) and other cardiology societies. We also update family practitioners on the latest breakthroughs in cardiology. Furthermore, we organize hands-on training for our nursing and allied healthcare professionals and we reach out to the public to increase awareness on cardiovascular disease.



The focus of this year's conference is interventional structural heart and coronary cardiology. This reflects the great momentum of our cardiac catheterization team. Other themes include prevention, screening, artificial intelligence, heart failure, COVID-19, cardiac genetics, electrophysiology and pacing.

We are privileged to be addressed by the President, Prof Stephan Achenbach, and the President Elect, Prof Franz Weidinger, of the ESC during the session 'Gems from the ESC 2021'. Prof Dariusz Dudek, President of the European Association of Percutaneous Cardiovascular Interventions (EAPCI), will be honouring us with a talk on 'Innovative Robotic PCI'.

This conference will be expanding on the success of last year's hybrid event. An international faculty of 20 world renowned cardiologists will be addressing us on site as well as digitally and each session will be led by a national chairperson and expert panel.

We wish you a very interesting, fruitful and inspiring Maltese Cardiac Society Conference 2021.

Handwritten signature of Robert G. Xuereb.

Robert G. Xuereb
President of the Maltese Cardiac Society
On behalf of all members of the Scientific and Organizing Committee

Maltese Cardiac Society Board 2021

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Website: <http://www.mcardios.org>

External CME Points for Participation

| | |
|-----------------------|----------|
| Thursday 14th October | 3 points |
| Friday 15th October | 6 points |
| Saturday 16th October | 6 points |

Conference Local Faculty

Alex Borg

Alice May Moore

Andrew Cassar

Andrew Cassar Maempel

Caroline J Magri

Charles Mallia Azzopardi

Chris Barbara

Christian Scerri

Daniela Cassar Demarco

Elton Pllaha

Herbert Felice

Josanne Aquilina

Joseph Galea

Luise Reichmuth

Mariosa Xuereb

Mark A Sammut

Mark Abela

Maryanne Caruana

Matthew Mercieca Balbi

Melanie Zammit Burg

Myra Tilney

Oscar Aquilina

Philip Dingli

Philip Sciortino

Robert G Xuereb

Stephen Fava

Terence Tilney

Tiziana Felice

Victor Grech

Walter Busuttil

Conference International Faculty

| | |
|-------------------------|-----------------------------------|
| Aneil Malhotra | <i>Manchester, UK</i> |
| Angel Sánchez-Recalde | <i>Madrid, Spain</i> |
| Connie Bezzina | <i>Amsterdam, The Netherlands</i> |
| Danna Spears | <i>Toronto, Canada</i> |
| Dariusz Dudek | <i>Krakow, Poland</i> |
| Franz Weidinger | <i>Vienna, Austria</i> |
| Frederick Raal | <i>Johannesburg, South Africa</i> |
| Georgios Sianos | <i>Thessaloniki, Greece</i> |
| James Januzzi | <i>Massachusetts, USA</i> |
| Kim Rajappan | <i>Oxford, UK</i> |
| Kumaraswamy Nanthakumar | <i>Toronto, Canada</i> |
| Mani Motwani | <i>Manchester, UK</i> |
| Michael Koutouzis | <i>Thessaloniki, Greece</i> |
| Michele Brunelli | <i>Magdeburg, Germany</i> |
| Nicolas Van Mieghem | <i>Rotterdam, The Netherlands</i> |
| Patricia Campbell | <i>Manchester, UK</i> |
| Roberto Diletti | <i>Rotterdam, The Netherlands</i> |
| Shuvy Menashe | <i>Tel Aviv, Israel</i> |
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| Wijnand den Dekker | <i>Rotterdam, The Netherlands</i> |

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Thursday, 14th October 2021

Training Village

Venue: Catheterisation Suite, Mater Dei Hospital

09:00-14:00 Boston Scientific MasterClass Workshop

Michael Koutouzis (Thessaloniki, Greece)

14:00-19:00 Nurses & Allied Health Professionals Learning and Skills Expo

Cardiology Update for the Family Physician

In collaboration with the Malta College of Family Doctors

Venue: Corinthia, St. George's Bay

Chairpersons: *Robert G Xuereb, Philip Sciortino*

20:15 Opening Address

Robert G Xuereb

20:20 Heart Failure: What's New in the 2021 ESC Guidelines

Alice May Moore

20:40 Chronic Coronary Syndromes: Update for the Family Physician

Caroline J Magri

21:00 The Three Pillars of Hypertension Care

Robert G Xuereb

21:20 ECGs: Cases for Interpretation

Mark A Sammut

21:40 Dinner

Friday, 15th October 2021

Main Conference

Venue: Central Auditorium, Mater Dei Hospital

08:00 Registration

09:00 Official Opening

09:00 Opening Address

Robert G Xuereb, President Maltese Cardiac Society

09:10 Address by the Minister for Senior Citizens and Active Ageing

Hon Michael Farrugia

09:20 Secretary Speech

Terence Tilney

09:30 SESSION 1: The Cardiac Catheterisation Laboratory: Today and Tomorrow

Chairperson: *Robert G Xuereb*

Expert Panel: *Caroline J Magri, Philip Dingli, Elton Pllaha, Matthew Mercieca Balbi*

09:30 Innovative Robotic PCI in the XXI Century Cardiac Catheterisation Laboratory

Dariusz Dudek (Krakow, Poland)

10:00 SESSION 2: Interventional Treatment of Mitral and Tricuspid Valve Regurgitation: Current Indications

Chairperson: *Andrew Cassar*

Expert Panel: *Robert G Xuereb, Andrew Cassar Maempel, Elton Pllaha, Matthew Mercieca Balbi*

10:00 MitraClip Therapy in Patients with Acute Severe MR

Shuvy Menashe (Tel Aviv, Israel)

10:30 Percutaneous Tricuspid Valve Interventions in 2021

Angel Sánchez-Recalde (Madrid, Spain)

11:00 COFFEE BREAK

11:20 SESSION 3: Complex Coronary Intervention

Chairperson: *Caroline J Magri*

Expert Panel: *Robert G Xuereb, Andrew Cassar, Andrew Cassar Maempel, Philip Dingli, Matthew Mercieca Balbi*

11:20 Rotational Atherectomy for Calcified Lesions: A Necessary Step of a Multi-Level Approach

Michael Koutouzis (Thessaloniki, Greece)

11:50 Treating Complex PCI with Ultrathin DES

Georgios Sianos (Thessaloniki, Greece)

12:20 LUNCH BREAK

12:50 SESSION 4: Evolving Concepts in Preventing Cardiovascular Disease

Chairperson: *Mariosa Xuereb*

Expert Panel: *Herbert Felice, Stephen Fava, Daniela Cassar Demarco, Myra Tilney*

12:50 Hypercholesterolaemia: Achieving Optimal Treatment Targets and Cardiovascular Protection

Frederick Raal (Johannesburg, South Africa)

13:20 Cardiologists Embrace Diabetes: Changing Paradigm in CV Risk Reduction in Diabetes

Patricia Campbell (Manchester, UK)

13:50 SESSION 5: Oral Abstract Session (1)

Chairperson: *Caroline J Magri*

Expert Panel: *Maryanne Caruana, Joseph Galea, Victor Grech, Philip Dingli*

- OP 1** Sweet As: The Initial Impact of an Acute Coronary Syndrome Admission on Glycaemic Control in Known Diabetic Patients
Elaine Camilleri, Lisa Lauren Buttigieg, Maryanne Caruana
- OP 2** Evaluation and Management of Patients Admitted with Severe Hypertension at Mater Dei Hospital: A Retrospective Audit
Gertrude Micallef, Adrian Fenech, Mary Madeleine Bonnici, Maria Xuereb Dingli, Maria Angela Gauci, Lara Delicata
- OP 3** Cardiac Rehabilitation during COVID-19: An Eye Opener
Clare Desira, Gabrielle De Gray, Jeremy Fleri-Soler, Mark Abela
- OP 4** Tirofiban use Evaluation in Acute Coronary Syndrome
Elena Ronchese, Francesca Wirth, Robert G Xuereb, Liberato Camilleri, Stefano Moro, Lilian M Azzopardi
- OP 5** Clinical Outcomes of COVID-19 Recovered Patients
Jessica Barbara, Jessica Gatt, Rachel Anne Xuereb, Nick Tabone Adami, Jessica Darmanin, Renee Erasmi, Robert G Xuereb, Christopher Barbara, Stephen Fava, Caroline J Magri
- OP 6** Long COVID Syndrome: A Case-Control Study
Rachel Anne Xuereb, Alex Gatt, Robert G Xuereb, Christopher Barbara, Stephen Fava, Caroline J Magri

14:50 COFFEE BREAK

15:10 SESSION 6: Novel Approaches in Diagnosing & Treating Myocardial Disease

Chairperson: *Alex Borg*

Expert Panel: *Mariosa Xuereb, Daniela Cassar Demarco, Tiziana Felice, Alice May Moore, Luise Reichmuth*

15:10 How AI is Transforming Cardiovascular Imaging

Mani Motwani (Manchester, UK)

15:40 Optimal HFrEF Management

James Januzzi (Massachusetts, USA)

16:10 SESSION 7: The Young Heart

Chairperson: *Tiziana Felice*

Expert Panel: *Maryanne Caruana, Mark A Sammut, Christian Scerri, Mark Abela*

16:10 Lessons Learnt from 20 years of Cardiac Screening

Aneil Malhotra (Manchester, UK)

16:40 Sudden Cardiac Death in the Young: Utility of Genetic Testing

Connie Bezzina (Amsterdam, The Netherlands)

17:10 Closing Remarks

Robert G Xuereb, Alex Borg, Caroline J Magri

Saturday, 16th October 2021

Main Conference

Venue: Central Auditorium, Mater Dei Hospital

08:30 Registration

08:45 Maltese Cardiac Society Award

09:00 SESSION 8: Gems from the ESC 2021

Chairperson: *Robert G Xuereb*

Expert Panel: *Herbert Felice, Alex Borg, Daniela Cassar Demarco, Alice May Moore*

09:00 Highlights from ESC Congress 2021: Hotline Trials

Stephan Achenbach (Erlangen, Germany)

09:30 Highlights from ESC Congress 2021: Guidelines

Franz Weidinger (Vienna, Austria)

10:00 SESSION 9: COVID-19 and Cardiovascular Outcomes

Chairperson: *Chris Barbara*

Expert Panel: *Walter Busuttil, Charles Mallia Azzopardi, Josanne Aquilina, Maryanne Caruana, Caroline J Magri*

10:00 The COVID-19 Pandemic: The Local Experience

Victor Grech

10:30 COFFEE BREAK

10:45 SESSION 10: Challenging Structural and Coronary Intervention: The Rotterdam Experience

Chairperson: *Andrew Cassar Maempel*

Expert Panel: *Robert G Xuereb, Andrew Cassar, Philip Dingli, Elton Pllaha,
Matthew Mercieca Balbi*

10:45 Simplified Lean TAVI

Nicolas Van Mieghem (Rotterdam, The Netherlands)

11:15 Calcified Lesion: Prevalence, Challenges, and Novel Treatment Options

Wijnand den Dekker (Rotterdam, The Netherlands)

11:45 CTO: Case in a Box

Roberto Diletti (Rotterdam, The Netherlands)

12:15 LUNCH BREAK

12:45 SESSION 11: Oral Abstract Session (2)

Chairperson: *Caroline J Magri*

Expert Panel: *Maryanne Caruana, Joseph Galea, Victor Grech, Philip Dingli*

- OP 7** Cardiac Screening in Police and Armed Forces: A Pilot Project
Kentaro Yamagata, Lara Yamagata, Mark Abela
- OP 8** Risk of Pharmacists Prescribing Statins: A Physician's Perspective
Milica Jovanovic, Maresca Attard Pizzuto, Lilian M Azzopardi
- OP 9** Six months after the Patients Stayed Home: A Study of Cardiac Mortality and Readmissions Following the First Wave of the COVID-19 Pandemic in Malta
Neil Grech, Rachel Anne Xuereb, Robert G Xuereb, Maryanne Caruana
- OP 10** Determinants of Hospitalisation and Need for Intubation in Local COVID-19 Subjects
Jessica Gatt, Jessica Barbara, Rachel Anne Xuereb, Nick Tabone Adami, Jessica Darmanin, Renee Erasmì, Robert G Xuereb, Christopher Barbara, Stephen Fava, Caroline J Magri
- OP 11** Point-of-Care Testing for Non-Communicable Diseases in Community Pharmacy Practice
Rebecca Zammit, Francesca Wirth, Lilian M Azzopardi
- OP 12** Location of Accessory Pathways within the Local Population: A Retrospective Analysis
Samuel Meilak, Christine Caruana, Mark A Sammut

13:45 SESSION 12: Advances in EP and Pacing

Chairperson: *Mark A Sammut*

Expert Panel: *Michele Brunelli, Oscar Aquilina, Melanie Zammit Burg, John Bonello*

13:45 AF Ablation in 2021 and Beyond

Kim Rajappan (Oxford, UK)

14:15 Progress in Cardiac Pacing: Physiology of Conduction System Pacing

Kumaraswamy Nanthakumar (Toronto, Canada)

14:45 Zero-Fluoroscopy Cardiac Ablation

Danna Spears (Toronto, Canada)

15:15 COFFEE BREAK

15:30 SESSION 13: Read ECGs with the Experts

Michele Brunelli (Magdeburg, Germany), Mark A Sammut

16:00 Best Abstract Award and Closing Remarks

Robert G Xuereb, Alex Borg, Caroline J Magri

Sunday, 17th October 2021

Raising Public Awareness in Heart Disease

09:00 Walk along MDH ring road

09:30 Educational Talks

09:30 Exercise and the Heart

Mark Abela

09:40 Cholesterol and the Heart

Robert G Xuereb

09:50 Questions & Answers

e-Posters (accessible on www.mcardios.org)

- P 1** Atrial Flutter in the Neonatal Period
Christine Caruana, Mark A Sammut
- P 2** Pacemaker Complications
Christine Caruana, Mark A Sammut
- P 3** Audit Analysing the New Rapid Access Chest Pain Clinic (RACPC) at Mater Dei Hospital, Malta
Clarissa Sciberras, George Sultana
- P 4** Use of Warfarin and Novel Oral Anticoagulants
Grazielle Camilleri, Francesca Wirth, Anthony Serracino-Inglott, Lilian M Azzopardi
- P 5** RenalGuard™ System for Prevention of Contrast-Induced Nephropathy: The Malta Experience
Hannah Xuereb, Jean Marc Mizzi, Adam Al Gededj, Sara Xuereb, Robert G Xuereb
- P 6** Outcome of the First Percutaneous Tricuspid Valve Interventions Performed in Malta
Hannah Xuereb, Rachel Anne Xuereb, Sara Xuereb, Robert G Xuereb
- P 7** Analysis of the Outcome of Patients Admitted with Biomarker Positive Chest Pain and Normal Coronary Angiogram
Jessica Barbara, Jessica Gatt, Kentaro Yamagata, Alexander Borg
- P 8** Mid-Ventricular Takotsubo Cardiomyopathy Triggered by Near Drowning
Neil Grech, Matthew Mercieca Balbi, Andrew Cassar Maempel
- P 9** An Audit to determine whether NT pro-BNP is investigated in Patients with Heart Failure in Accordance with the Current Practice Guidelines
Sana Mubashir, Andrew Cassar Maempel, Cynthia Farrugia, Darren Borg, Julian Mamo
- P 10** Appropriateness of Timing Intervals of Serial Trans-Thoracic Echocardiograms in Patients with Native Valvular Heart Disease
James Scicluna, Jessica gatt, Philip Dingli

International Speakers

Aneil Malhotra



Dr Malhotra graduated from the University of Cambridge (Emmanuel College) in 2006 and having spent time at MIT and Harvard University, he spent his Foundation years working in Cambridge (UK) and Papworth before moving to Oxford to continue his specialist training in cardiology. Along the way, he completed a Masters in Medical Leadership at the Royal College of Physicians (2013). He completed his PhD in inherited heart diseases and sports cardiology at St. George's University

of London where he was subsequently appointed NIHR Clinical Lecturer. Dr Malhotra's research areas include investigating the electrical, structural and functional features of the adolescent athlete's heart with data derived from analysing the Football Association's cardiac screening programme, the largest of its kind for elite junior athletes in Europe. His work has achieved Young Investigator Award and best abstract prizes at international conferences including ESC Update 2019, ESC 2017, ACC 2016 and EACP 2015. He has a keen interest in medical education and has been an examiner and tutor for the Royal College of Physicians for the MRCP Part 2 (2014- 2017) as well as a Module lead and Admissions Tutor for the MSc in Sports Cardiology at St. George's University of London. Aneil is the European Association of Preventative Cardiology young ambassador for the UK. He has over 80 peer-reviewed publications and has co-authored and contributed to books in cardiology and medicine. His ongoing research interests include sudden cardiac death in adolescent athletes and ethnic differences between black, white and mixed-race athletes' hearts. As an academic clinician in inherited cardiac conditions and MRI, Aneil aims to balance scientific rigour and workplace-based application to patients within the NHS healthcare system and influence clinical practice on a national level and beyond. His research interests in sports cardiology and sudden cardiac death place him in an ideal environment to harness the potential of research into athletes' hearts in the North West.

Angel Sánchez-Recalde



Dr Sánchez-Recalde now fulfills the position of Director of the Interventional Cardiology Unit of University Hospital Ramón y Cajal, Madrid (Spain), as well as being the Director of Interventional Cardiology Units of University Hospitals Sanitas Zarzuela and Moraleja, Madrid (Spain). He undertook his Medical Internship at the Department of Cardiology of La Paz University Hospital (Spain) and St George's University Hospital (UK) (2002) and his Fellowship in Interventional Cardiology at

La Paz University Hospital (Spain) (2003). He worked in the Interventional Cardiology Unit and held the position of the Director of the Adult Congenital Heart Disease Unit in La Paz University Hospital (Spain) (2004-2018). He completed his PhD Cum Laude in 2017 from the University Autonoma of Madrid and he also obtained University Master's in Design and Statistics in Health Sciences from the University Autonoma of Barcelona and University Master's in Healthcare Administration and Management from IMF Business School and IUTA University. He also developed an important research work with more than 160 publications in peer-reviewed journals in the field of Structural and Congenital Heart Diseases, 25 book chapters, as well as 25 Awards for best works in scientific meetings. From 2016 he is Associate Editor of Revista Española de Cardiología (Spanish Journal of Cardiology).

Connie Bezzina

Dr Bezzina graduated in Pharmacy from the University of Malta in 1992 and obtained her PhD in Genetics from the same university in 1998. In 1997 she joined the Department of Experimental Cardiology at the Amsterdam University Medical Center and was appointed Professor of Molecular Cardiogenetics in 2012. She is recipient of the Established Investigator award of the Netherlands Heart Foundation (2005), the Outstanding Achievement Award of the Council on Basic Cardiovascular Science of the European Society of



Cardiology (2013) and the VICI fellowship of the Netherlands Organization for Scientific Research (2015). In 2018 she was appointed member of the Royal Netherlands Academy of Arts and Sciences. Her research focuses on the identification of genetic factors causing inherited cardiac diseases associated with sudden cardiac death, with the aim of improving the clinical care of patients and families affected by these disorders. She considers the broad spectrum of genetic complexity of inherited cardiac diseases, from monogenic to polygenic. In an integrative approach her group conducts functional studies where the identified genetic factors are investigated in model systems to understand the mechanisms of these disorders.

Danna Spears



Dr Danna Spears is an electrophysiologist at the UHN. She completed fellowship in interventional electrophysiology at TGH before completing subspecialty training in molecular cardiology in Pavia, Italy. She has established the Cartwright Inherited Arrhythmia and Cardiomyopathy program at the UHN with a focus on arrhythmia management in these populations, genetic evaluation, and family screening. Within the UHN Pregnancy and Heart disease program, her focus is on the management of arrhythmia in pregnancy.

Her focus in the EP lab is on a minimal- fluoroscopy approach to ablation of supraventricular and ventricular arrhythmias.

Dariusz Dudek

Dariusz Dudek is a Professor of Institute of Cardiology at the Jagiellonian University in Krakow. He obtained his degree in medicine from the Jagiellonian University, but also trained at medical institutes abroad, including European and USA centers. Professor Dudek's key areas of research are acute myocardial infarction, antiplatelet and antithrombotic drugs, and complex PCI. In 2008 in Krakow he started 1st TAVI procedure in Poland. He is



experienced in percutaneous valve interventions. He has contributed extensively to the scientific literature within those fields with several hundred scientific articles and IF >1000. Dariusz Dudek served as President of the Association on Cardiovascular Intervention of the Polish Cardiac Society (2011-2013). Since 2011 he is in the Executive Board of the Congress Programme Committee of the Polish Cardiac Society. He is also Director of the New Frontiers in Interventional Cardiology annual meeting. In 2006 – 2018 he served in the Board of European Association of Percutaneous Cardiovascular Interventions of the European Society of Cardiology (EAPCI ESC), and is a member of Scientific Board of the TCT annual conference in USA. Finally, in 2020 Professor Dudek became President of the EAPCI ESC. His work has been widely recognised and honoured with several awards, including the Polish Prime Minister Awards, the Minister of Health Award for achievements in cardiology and outstanding scientific activity and the Polish Academy of Sciences.

Franz Weidinger

Franz Weidinger is Head of Department at Klinik Landstraße / Rudolfstiftung, a teaching hospital affiliated to Vienna Medical University, Austria. His clinical focus is percutaneous coronary interventions and acute coronary syndromes. Secretary (2006-2012) and President (2013-2015) of the Austrian Society of Cardiology. Member of EAPCI since 2006 (Co-chair and chair, Database & Registry Committee, 2011-2016), EuroPCR Programme committee member, 2006-2009. Member of EORP Oversight committee 2016-2018. Board member of ESC as Councillor for ESC Young Community 2016-2018, Vice President of ESC 2018-2020, President elect of ESC 2020-2022.



Frederick J. Raal



Prof. Raal is currently Professor and Head of the Division of Endocrinology and Metabolism, as well as Director of the Carbohydrate and Lipid Metabolism Research Unit, University of the Witwatersrand, Johannesburg, South Africa. He has authored or co-authored over 300 original articles and book chapters and has reviewed for several international journals including the New England Journal of Medicine, the Lancet, Circulation, and Atherosclerosis. He is on the Editorial Board of Atherosclerosis and is a

Board member of the International Atherosclerosis Society. Professor Raal is particularly interested in lipids and lipid disorders and has been integrally involved in the management of familial dyslipidaemia, particularly heterozygous and homozygous familial hypercholesterolaemia (FH). His Unit has one of the largest cohorts, if not the largest cohort, of homozygous FH patients in the world and has contributed and continues to contribute to the management of these patients. The major focus of his research remains the clinical, biochemical, genetic and therapeutic management of this condition and he continues to conduct studies with novel therapies such as PCSK9-inhibitors and ANGPTL3-inhibitors in this patient group.

Georgios Sianos

Associate Professor and Interventional Cardiologist at Department of Cardiology, AHEPA University Hospital, Thessaloniki, Greece. Prof. Sianos obtained his PhD in 2003, and in 2006 became a founding and board member of the Euro-CTO club. Throughout his career, Prof Sianos has trained and worked in various centres in Greece, the UK and The Netherlands. His research interests on interventional cardiology, high risk coronary



intervention, and chronic total occlusion reflect in his wide range of publications in various national and international journals.

Kim Rajappan



Dr Kim Rajappan is a Consultant Cardiologist and Electrophysiologist at the John Radcliffe Hospital, part of the Oxford University Hospitals NHS Foundation Trust. He is involved in the investigation and treatment of patients with all forms of arrhythmia problems including ablation and device therapy. His research and clinical interests are focussed on catheter ablation of complex cardiac arrhythmias including atrial fibrillation and ventricular tachycardia. He is an active

member of the British Heart Rhythm Society, and Executive Committee member of the Arrhythmia Alliance. He has published over 100 peer reviewed papers, lectures nationally and internationally, and is one of the editors of the Oxford Handbook of Cardiac Electrophysiology and Catheter Ablation. He travels internationally to help teach Electrophysiologists in other countries new techniques in ablation, particularly advanced cardiac mapping of arrhythmias, and implantation of ICD/CRT devices.

Kumaraswamy Nanthakumar

Prof. Nanthakumar is the Director of Heart Rhythm Disorders at UHN, a Senior Scientist at TGHRI, and a clinical cardiologist and cardiac electrophysiologist at UHN. After receiving his MD at the University of Toronto in 1995, he completed his training in Internal Medicine and Cardiology in Toronto. He subsequently completed his cardiac electrophysiology training at the University of Alabama at Birmingham, where he studied the mechanisms of cardiac fibrillation. His clinical expertise is focused on devices in heart failure and



performing catheter ablation of ventricular tachycardia and supra ventricular tachycardias.

James Januzzi

Dr James Januzzi is the Hutter Family Endowed Professor at Harvard Medical School and Staff Cardiologist at the Massachusetts General Hospital in Boston Massachusetts. He is also on faculty at the Baim Institute for Clinical Research, also in Boston. Dr. Januzzi performed his residency in internal medicine at Brigham and Women's Hospital in Boston, followed by a fellowship in cardiology and cardiac ultrasound at MGH. Dr. Januzzi's research has focused on cardiac biomarker testing, heart failure care, and optimal management of heart diseases, where his work has had international impact; he has more than 750 publications and has participated as an author for several clinical practice guidelines and international consensus documents. He is a Trustee of the American College of Cardiology and an editor at JACC and JACC: Heart Failure.



Mani Motwani



Dr Motwani is a Cardiologist & Physician-Scientist at Manchester Heart Institute, UK. He specializes in non-invasive cardiac imaging: cardiac MRI, cardiac CT, echocardiography & advanced nuclear techniques. He has trained in several world-class academic & clinical centres including Leeds Institute of Cardiovascular & Metabolic Medicine, UK and Cedars-Sinai Medical Centre, Los Angeles, USA. His research extends across several fields including advanced cardiac imaging, artificial

intelligence in healthcare & mHealth.

Michael Koutouzis



Dr Michael Koutouzis is an interventional cardiologist working at Red Cross Hospital, Athens, Greece. He graduated from Medical School of Aristotle University of Thessaloniki, following which he continued his specialization at various hospitals in Greece as well as in the cardiology department of Sahlgrenska University Hospital in Sweden. Dr Koutouzis is part of the Acute Cardiac Care working group of the European society of Cardiology and Fellow

of the European Society of Cardiology (FESC). He is a reviewer of the International Journal of Cardiology, Heart Journal, Journal of Geriatric Cardiology and a member of the editorial board of The Open Atherosclerosis and Thrombosis Journal and Journal of Geriatric Cardiology. He is a co-investigator in TRACER trial, TOPAS trial and KAI PROTECTION AMI trial, and a principal investigator in the PIONIR trial.

Michele Brunelli

Dr Michele Brunelli, is the director of the electrophysiology section at the department of Cardiology in Klinikum Magdeburg, Magedburg. He started his training in clinical and interventional electrophysiology in 2005, and in 2008 moved to Germany (Zentralklinik Bad Berka) to focus on catheter ablation. He obtained his Ph.D. in Cardiac, Vascular, Renal and Metabolic Biology and Physiopathology from the University of Genova. In 2016, Dr Brunelli moved to Fürth to support the opening of an EP service. His main areas of interest include clinical and invasive management of arrhythmias, and devices follow-up.



Nicolas Van Mieghem



Prof. Nicolas Van Mieghem obtained his medical degree and cardiology degree at the Catholic University of Leuven, Belgium. After subsequent fellowships in interventional cardiology at the Oost-Limburg Hospital in Genk, Belgium, the Lenox Hill Hospital, New York, USA, and the Erasmus Medical Center, Rotterdam, the Netherlands in February 2010, he joined the Department of Interventional Cardiology at the Thoraxcenter, Erasmus MC as a staff member. In 2019, he was

appointed Full Professor of Interventional Cardiology. He is involved in the percutaneous coronary interventions program and has a particular focus on transcatheter heart valve interventions. Prof. Van Mieghem obtained his Ph.D. around that same topic. So far, he published and co-authored over 350 scientific papers in peer-reviewed journals. Prof. Van Mieghem has been a Steering Committee member in multiple ongoing international trials evaluating various transcatheter valve technologies. He is a Fellow of the European Society of Cardiology (FESC) and currently Medical Director of the Department of Interventional Cardiology at the Thoraxcenter, Erasmus MC, Rotterdam

Patricia Campbell

Dr Patricia Campbell is a consultant cardiologist and lead for Heart Failure services for her trust in Northern Ireland. She is internationally trained, with residency in Mayo Clinic and fellowships in Brigham/Harvard Medical School, but came home to Ireland to help improve care for patients with HF. She has published on topics of clinical HF, HF clinical care pathways, and right heart disease in HF, and continues to review submitted articles on these topics for journals internationally.



Roberto Diletti



Dr Roberto Diletti is an interventional cardiologist at the Thoraxcenter, Erasmus MC, in Rotterdam. He obtained the degree of PhD based upon his research in percutaneous coronary interventions. He has published widely within the fields of bioresorbable scaffolds, as well as acute coronary syndromes, and coronary chronic total occlusions. He has significant expertise in complex PCI and live cases. He has a particular interest in CTO education and in

the implementation of new technologies and techniques. He is currently leading the clinical research on acute coronary syndromes and the CTO program at Thoraxcenter, Erasmus MC.

Shuvy Menashe

Prof. Shuvy was trained in internal medicine and cardiology at Hadassah Medical Center in Jerusalem, Israel, and conducted several research projects at the Hebrew University in Jerusalem. His research focuses on the pathogenesis of aortic valve calcification. He completed two years of clinical and research fellowship in interventional cardiology at Sunnybrook Hospital, Toronto, Canada and currently, he is the head of the



valvular unit at the Jesselson Integrated Heart Center at Shaare-Zedek medical center and head of the Cardiovascular Research Center. His clinical focus is mitral valve percutaneous intervention, he leads the program at Shaare-Zedek as well the national Israeli Mitraclip registry. He also established the international registry for MitraClip procedure in patients after acute myocardial infarction.

Stephan Achenbach



Prof. Stephan Achenbach graduated from Medical School at Friedrich-Alexander University Erlangen-Nürnberg, Germany in 1993 and subsequently completed his training in Internal Medicine and Cardiology at the associated university hospital. In 2002/2003, he was a research fellow at the Department of Radiology and Cardiology Division, Massachusetts General Hospital. Since 2012, he is the Chairman of the Department of Cardiology and Professor of Medicine at the University of Erlangen, Germany. His main clinical interests are interventional cardiology, general cardiology as well as cardiac imaging. His research is focused on cardiac interventions and cardiac

imaging with a special focus on computed tomography of the heart and the use of imaging to support coronary and structural interventional procedures. Stephan Achenbach was the Founding President of the Society of Cardiovascular Computed Tomography. He has been Editor-in-Chief of the Journal of Cardiovascular Computed Tomography. He is the President of the European Society of Cardiology (ESC) for the mandate 2020 to 2022. Academic awards include the Jan Brod Award for Clinical Research of the Medical School of Hannover, Germany (1999), the Thomas C. Cesario Distinguished Visiting Professorship Award, University of California Irvine School of Medicine (2007), the Simon Dack Award, American College of Cardiology (2009), the Gold Medal of the Society of Cardiovascular Computed Tomography (2015), the Sir Godfrey Hounsfield Award of the British Institute of Radiology (2016), the Pioneer Award in Cardiovascular Computed Tomography, Society for Cardiovascular Computed Tomography (2019) and the Fritz Acker Award, German Society of Cardiology (2020). In 2017, he was selected by AuntMinnie.com as the “Most Influential Radiology Researcher” and he has repeatedly received the 1st Prize Best Teaching Award, Clinical Medicine, Medical Faculty of the University of Erlangen-Nürnberg (2013, 2014, 2016, 2017, 2018, 2019).

Wijnand den Dekker



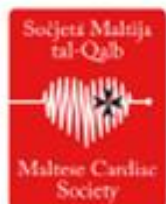
Dr Wijnand K. den Dekker studied medicine at the University of Utrecht and obtained his medical degree in 2006. He completed his PhD in 2011 and cardiology training in 2017 at the Thoraxcenter of the Erasmus University Medical Center, Rotterdam, the Netherlands. Subsequently, he did his fellowship interventional cardiology before he joined the department of interventional cardiology in the Thoraxcenter, Erasmus MC as staff member. He is part of the percutaneous coronary intervention program and has a

particular interest in treatment of patients with calcified coronary lesions and acute coronary syndromes. He is further involved in research in the pathophysiology of atherosclerosis, particularly in preclinical setting. He has published and co-authored multiple papers in peer-reviewed journals.

NURSING & ALLIED HEALTH

LEARNING & SKILLS

EXPO



14 th October

14:00-19:00 hrs



Maltese Cardiac Society
Conference 2021
14-16 October

Venue

Cardiac Catheterisation Suite

Yellow Block, Level -1
Mater Dei Hospital

<https://www.mcardios.org/>

Socjeta' Maltija
tal-Qalb



Maltese Cardiac
Society

MALTESE CARDIAC SOCIETY CONFERENCE 2021

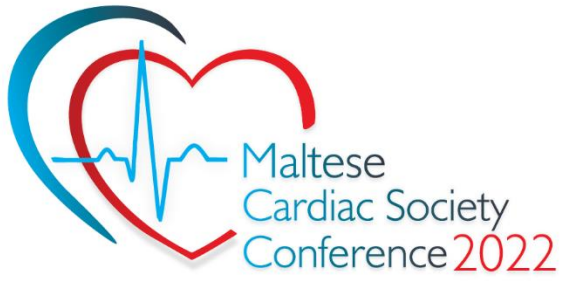
Public Awareness Campaign

Sunday 17
OCTOBER



Maltese Cardiac Society
Conference 2021

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Maltese
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Conference 2022