WEDNESDAY, DECEMBER 5

Plenary Sessions in Dallas Ballroom

7:45 a.m. - 12:30 p.m.

"Hands Across the Ocean" - A Welcome From Friedrich Mohr
Moderators: David Brown, Joseph Coselli, Gerhard Schuler

Live Case from The HERZZENTRUM LEIPZIG
- Transfemoral Aortic Valve Replacement
- Minimally Invasive Aortic Valve Surgery

Reflections on My 30 Years as a Cardiac Surgeon	Tirone David
Reflections on My 30 Years as a Cardiologist	Blase Carabello
La Bellezza Delle Differenze	Ottavio Alfieri
The Heart Team- The Beauty of the Difference	Craig Miller

Panel Discussion

9:45 a.m. - 10 a.m. Break

Moderators: Volkmar Falk, Craig Miller, Friedrich Mohr, David Holmes

What Will Interventional Cardiology Look Like in 2020?	David Holmes
What Will Cardiac Surgery Look Like in 2020?	Friedrich Mohr

Panel Discussion

Live Case from THE HEART HOSPITAL Baylor Plano
- Transcatheter Aortic Valve Replacement

11:30 a.m. - 12:30 p.m.

Why the Medical Device Industry is Leaving the U.S. — **Frank Litvack**

Panel Discussion: Larry Biegelsen, Phil Ebeling, Scott Ward, Tom Armitage, Frank Litvack, Fred St. Goar, William Cohn, Vincent Gaudiani, John Laschinger, Sonia Patel and Charles Simonton

12:45 p.m. - 1:45 p.m. Lunch Symposiums

San Antonio Ballroom

Abstracts — Moderators: Nicolo Piazza & Joseph Coselli

Parallel Sessions in Dallas Ballroom

2:15 p.m. - 3:45 p.m.

State of the Art Imaging of Mitral Valve Disease
Moderators: Paul A. Grayburn, Saibal Kar, Randolph Martin

Combined Surgical & Echo Evaluation of the Mitral Valve: Basic Anatomy & Pathology
- What I See in the OR — David Adams
- What I Can Tell You from the Echo Lab — Randolph Martin

Imaging for Valvular Heart Disease: Is it Appropriate, Overused or Abused?	Robert Bonow
How to Grade the Severity of Mitral Regurgitation	Maurice Sarano
Most Common Mistakes Made in the Echo Lab	Paul A. Grayburn
Current Role of 3D Echo: Does Everyone Need It?	Randolph Martin

Panel Discussion

3:45 p.m. - 5:30 p.m.

State of the Art Imaging of Aortic Valve Disease
Moderators: Steve Bailey, Joseph Coselli, Deepika Gopal, Randolph Martin

Live Case from THE HEART HOSPITAL Baylor Plano
- Transcatheter Aortic Valve Replacement

Basic Anatomy of the Aortic Valve: What I Can See in the OR	Joseph Coselli
Diagnosis of Aortic Stenosis: What I Can Tell You From the Echo Lab	Randolph Martin
Diagnosis, Evaluation and Clinical Management of Aortic Insufficiency	Robert Bonow
Role of CT Imaging in the Management of Aortic Valve Disease	Ambarish Gopal
hTEE: New Imaging for TAVR	Pieter Kappetein
Post Procedure Evaluation After AVR/TAVR	Paul A. Grayburn

Panel Discussion

Parallel Sessions in San Antonio Ballroom

2:15 p.m. - 3:45 p.m.

The Left & Right Atrium: Everything You Want To Know
Moderators: James Cox, Brian DeVille, James Edgerton, Patrick McCarthy

The Mouse on the Yellow Umbrella: Mechanisms of Atrial Fibrillation	James Cox
I Need Ablation: The Heart Team Approach for Informed Consent	
• The Real World Results of Surgical Ablation- An Electrophysiologist's View	Brian DeVille
• The Real World Results of Catheter Ablation- A Surgeon's View	James Edgerton
• The Hybrid Approach: The Best of Both World's...Or Not!	James Cox
Atrial Fibrillation at the Time of Mitral Valve Surgery: Should Everyone Have Ablation?	Patrick McCarthy
Why Does Ablation for Atrial Fibrillation Fail, and What To Do About It?	Brian DeVille
How Should I Manage Postoperative Atrial Fibrillation?	James Edgerton

Panel Discussion

3:45 p.m.- 5:30 p.m.

Stroke Prevention: Drugs and Devices
Moderators: William Cohn, David Holmes, Saibal Kar, Mark Reisman

Does Left Atrial Appendage Occlusion Really Prevent Stroke?	David Holmes
Management of the Left Atrial Appendage During Cardiac Surgery	Patrick McCarthy
Epicardial Approaches to the Left Atrial Appendage	
• Atriclip	Volkmar Falk
• Sentre Heart	William Cohn
Endocardial Approaches to the Left Atrial Appendage	
• Watchman	David Holmes
• St. Jude ACP 2	Saibal Kar
PFO Closure: What's the Evidence?	Mark Reisman
Anticoagulation for Stroke Prevention in Patients with Atrial Fibrillation	Gregg Stone

Panel Discussion

Plenary Session in Dallas Ballroom

5:30 p.m.

Cocktails and Challenging Case Reviews with Gregg Stone
Panel: Blase Carabello, Jeff Popma, Michael Reardon, Mark Reisman, Alfredo Trento
Case Presenters: Robert Bonow, Howard Herrmann, Saibal Kar, Ruby Satpathy and Molly Szerlip

Thursday, December 6

Plenary Sessions in Dallas Ballroom

7:45 a.m. - 12:30 p.m.

Mitral Regurgitation: It Ain't All One Disease
Moderators: David Adams, Clark Hargrove, Friedrich Mohr, Gregg Stone

Live Cases from The HERZZENTRUM LEIPZIG
- Transcatheter Mitral Valve-in-Valve
- Ischemic Mitral Valve Repair

The Best of TCT 2012	Gregg Stone
How I Classify Mitral Regurgitation	Steve Bolling
Pathophysiology and Management of Functional Mitral Regurgitation	Craig Miller
All Degenerative Mitral Regurgitation Can and Should be Repaired	David Adams
Is There a Role for Mitral Valve Replacement in Degenerative Disease?	Vincent Gaudiani
The Management of Asymptomatic Management of MR: When To Watch and When to Treat	Robert Bonow

9:45 a.m. - 10 a.m. Break

Live Cases from The HERZZENTRUM LEIPZIG
- Complex Minimally Invasive Mitral Valve Repair
- Percutaneous Mitral Valve

Moderators: Steve Bolling, Tirone David, Craig Miller, Hugo Vanermen

The Role of the MitraClip in Mitral Valve Disease	Steve Bailey
How Do You Evaluate Tricuspid Regurgitation and When to Treat?	Maurice Sarano
Management of Tricuspid at the Time of Mitral Valve Surgery	Friedrich Mohr

Panel Discussion

Panel Discussion: How Do We Pay for New Technology in the Current Healthcare System?
Joel Allison, Joseph Bavaria, David Cohen, Craig Miller, Nicolo Piazza, Ferolyn Powell, Marty Webb, Larry Wood

A Tale of Two Cities	David Cohen
Can Your Hospital Afford TAVR: An Institution Perspective	Joseph Bavaria
Reimbursement and Adoption of TAVR in Europe	Nicolo Piazza

12:45 p.m. - 1:45 p.m.

Dallas Ballroom

Lunch Symposiums

Approaches for the Treatment of Mitral Regurgitation

• Open Surgical: I Can See Clearly Now	Tirone David
• Minimal Access: I Can See the Best	Hugo Vanermen
• Transcatheter: I Can See with X-Ray Vision	Frederick St. Goar
• Robotic: I Can See Remotely	Randolph Chitwood

San Antonio Ballroom

Panel Discussion

Austin Ballroom

Innovations for the Hybrid OR In Valve Therapy
Sponsored by Siemens (Not CME)

- New Approaches to TAVI	Thomas Walther & Bad Nauheim
- New Technologies on the horizon for Mitral Valve Therapy and Structural Heart	Andrew Hall
- Hybrid OR Design Considerations	Michael C. Zambo

Imaging Horizons in the Hybrid OR, New Imaging and Image Fusion Techniques
Sponsored by Philips (Not CME) Moderator: Todd Dewey

- Role of 3D Echo-X-ray Fusion in Challenging Structural Heart Interventions	Volkmar Falk
- Usage of HeartNavigator in TAVI and other SHD treatments	Carlos Ruiz

Parallel Sessions in Dallas Ballroom

1:45 p.m. - 3:15 p.m.

The Fine Art of Mitral Valve Surgery
Moderators: Ottavio Alfieri, Clark Hargrove, Patrick McCarthy, Alfredo Trento

Live Case from THE HEART HOSPITAL Baylor Plano
- Minimally Invasive Mitral Valve Surgery

Echo at the Time of Surgery: What You Need to Know and What I Can Tell You	Paul A. Grayburn
Where the Rubber Meets the Road; How to Repair the Mitral Valve: Plain and Simple	Ottavio Alfieri
Artificial Chords: Respect vs. Resect	Giovanni Speziali
Chordal Sparing Mitral Valve Replacement	Irving Kron
Are All Mitral Rings the Same?	Alfredo Trento
A New Way of Constraining and Releasing Nitinol Fingers of Sutureless Mitral Valves	Eric Berreklouw
Should Rheumatic Disease be Thoughtlessly Relegated to Replacement? Give Repair a Chance	Trevor Fayers

Panel Discussion

Parallel Sessions in San Antonio Ballroom

1:45 p.m. - 3:15 p.m.

Catheter Based Treatment of the Mitral Valve
Moderators: Howard Herrmann, Mark Reisman, Carlo Ruiz

Catheter Based Annuloplasty, A Surgeon's View: Where Do We Go From Here?	Hugo Vanermen
Lessons Learned from Coronary Sinus Annuloplasty: An Interventionalist's View	Steve Bailey
Minimally Invasive Direct Annuloplasty	Mark Reisman
Future of Transcatheter Mitral Valve Replacement	Joseph Bavaria
The COAPT Trial of The MitraClip Device	Saibal Kar
Catheter Based Artificial Chords	Volkmar Falk
The Mitral Valve Toolbox	Francesco Maisano
Mitral Leaflet Control Technology	Lars Svensson
Transcatheter Treatment of Mitral Paravalvular Leak	Carlos Ruiz

Panel Discussion

Plenary Sessions in Dallas Ballroom

3:15 p.m. - 5:30 p.m.

New Frontiers in the Treatment of Mitral Valve Disease
Moderators: David Adams, Ottavio Alfieri, Steve Bailey, Francesco Maisano

Live Case from THE HEART HOSPITAL Baylor Plano
- Robotic Mitral Valve Repair

Should Mitral Valves be Repaired in Reference Centers	David Adams
Newer Imaging Techniques of the Mitral Valve	Jonathan Leipsic
Balloon Valvuloplasty for Mitral Valve Stenosis	Ottavio Alfieri
What is the Future of Transcatheter Mitral Valve Repair and Replacement?	Francesco Maisano
Update of European and US Guidelines for Valve Disease	Ottavio Alfieri

Panel Discussion

6:00 p.m.- 11 p.m.

Join us for a Special Evening Event at the Home of Barbara and Michael Mack, MD
Southwest Fiesta Dinner with Live Entertainment from the Leipzig Heart Rock Band; Buses Depart from hotel starting at 6:00 p.m.

FRIDAY, DECEMBER 7

San Antonio Ballroom

7:00 a.m. Abstracts — Moderators: Howard Herrmann & Saibal Kar

Plenary Sessions in Dallas Ballroom

8:00 a.m. - 12:30 p.m.

Transcatheter Aortic Valve Replacement
Moderators: Todd Dewey, Martin Leon, Friedrich Mohr, Gerhard Schuler

Live Cases from The HERZZENTRUM LEIPZIG
- Complex Transfemoral Aortic Valve Replacement
- Transapical Aortic Valve Replacement

TAVR: The First Decade — Martin Leon
TAVR: The Second Decade and Beyond — John Webb

Panel Discussion

Risk Scoring for Aortic Stenosis — Pieter Kappetein

The Future TAVR Platform Should Be...
- Balloon Expandable — Raj Makkar
- Self Expanding — Jeff Popma

Panel Discussion

9:45 a.m. - 10 a.m. Break

TAVR Controversies
Moderators: Greg Fontana, Raj Makkar, Jeff Popma

Stroke in TAVR...
- Risky Business — Craig Miller
- Or Not — Martin Leon

An Update on Embolic Protection Devices — John Webb

Paravalvular Leak; Deal or No Deal? — Nicolo Piazza

How Do I Treat Low Gradient Aortic Stenosis? — Howard Herrmann

What We Have Learned After 1700 TAVR Procedures: How to Avoid and Treat Catastrophes — Gerhard Schuler

Moderate Risk AVR Should be Treated with TAVR
Point of View from...
- Interventionalist — Murat Tuzcu
- Surgeon — Duke Cameron
- ...Another Point of View — Blase Carabello

Panel Discussion

Live Case from Medical City Dallas Hospital
- Transapical Aortic Valve Replacement

Live Cases from THE HEART HOSPITAL Baylor Plano
- Transcatheter Aortic Valve Replacement

Dallas Ballroom
12:30 p.m. - 1:30 p.m.

Lunch Symposiums

Aortic Challenging Cases
Moderators: Pieter Kappetein, Nicolo Piazza, Maurice Sarano, Alec Vahanian
Case Presenters: Greg Fontana, Francesco Maisano, Nicolo Piazza

Panel Discussion

San Antonio Ballroom

TAVR Access
- Transfemoral — Susheel Kodali
- Transapical — Thomas Walther
- Direct Aortic — Vinyak Bapat
- Subclavian — Michael Reardon

The Next Generation of Vascular Access and Closure Devices — Carlos Ruiz

Panel Discussion

Austin Ballroom

Abstracts — Moderators: Joseph Bavaria, Duke Cameron

Parallel Sessions in Dallas Ballroom

1:45 p.m. - 3:15 p.m.

The Fine Art of Aortic Valve Surgery
Moderators: William Brinkman, Volkmar Falk, Vincent Gaudiani, Martin Misfeld

Live Cases from THE HEART HOSPITAL Baylor Plano
- Minimally Invasive Aortic Valve

Valve Sparing Root Replacement- Is There A Future? — Duke Cameron

Bicuspid Aortic Valve Repair with Reimplantation — Joseph Bavaria

Sutureless Aortic Valves Are The Future
- Intuity — Randolph Chitwood
- Perceval — Barton Meuris

Sutureless Valves Add No Value — Irving Kron

The Potential for Future Valve-in-Valve Means More Tissue Valves in Younger Patients
- Pro/Con — Nicolo Piazza & Steve Bolling

We Need to Stop Creating PPM — Thomas Walther

Management of Degenerated Homografts: The Treatment is Surgery — Peter Tesar

Panel Discussion

Parallel Sessions in San Antonio Ballroom

1:45 p.m. - 3:15 p.m.

Transcather Aortic Valve Devices and Innovative Technologies
Moderators: Bruce Bowers, William Cohn

The Next Generation of TAVR Devices
- Sapien 3/ Centera — John Webb
- CoreValve Evolut — Jeff Popma
- Portico — Greg Fontana
- Sadra — Nicolo Piazza
- Direct Flow — Murat Tuzcu
- Engager — Volkmar Falk
- Symetis — Friedrich Mohr
- JenaValve — Hendrick Treede
- Cardioclose — Frank Litvack

Panel Discussion

Plenary Sessions in Dallas Ballroom

3:30 p.m. - 5:00 p.m.

So You Want to do TAVR: Building a Successful TAVR Program
Moderators: David Holmes, Susheel Kodali, Thomas Walther

TAVR Procedure- The Hybrid or Modified Cath Lab: Does It Matter? — Susheel Kodali

Working Together, The Heart Team- The Good, The Bad and The Ugly
- Where the Heart Team Came From — David Holmes
- Why the Heart Team is Never Going to Work in the Real World — Vincent Gaudiani
- How We Built the Largest TAVR Program in the Country — Raj Makkar & Greg Fontana
- The Heart Valve Team: The Real Legacy of TAVR — Lars Svensson & Murat Tuzcu

Panel Discussion