



# The 2<sup>nd</sup> HEART TEAM WINTER SUMMIT

cardiac surgery · cardiology · basic science

**The 2<sup>nd</sup> Heart Team Winter Summit**  
**Zürs, Arlberg, Austria**  
**March 10<sup>th</sup> - 16<sup>th</sup> 2019**

Austrian Society for Cardiac & thoracic Vascular Surgery  
Austrian Society of Cardiology

## TOPICS

Advances in Cardiovascular Imaging · Myocardial Protection  
Hybrid Procedures · Recent Developments in Interventional and  
Operative Cardiovascular Procedures · New Approaches in Heart  
Failure · Rhythm Management · Animal Models · Outcome Research

## PROGRAM

### Organizers and course directors

**Univ. Prof. Dr. Günther Laufer**

Department of Heart Surgery

Medical University of Vienna

**Univ. Prof. Dr. Herbert Frank**

Department of Internal Medicine

Karl Landsteiner University, Tulln

### Congress agency

Conventive OG

Gartengasse 8/11, 2352 Gumpoldskirchen

[b.seckl@conventive.at](mailto:b.seckl@conventive.at)

[www.heart-team-winter-summit.at](http://www.heart-team-winter-summit.at)

# WELCOME



Dear Colleagues and Friends!

After thirty-five years of annual meetings devoted mainly to cardiac surgery, we had in late Winter of 2018 the “First Heart Team Winter Summit” in the traditional environment of Zürs am Arlberg. By involving also cardiologists and basic scientists the meeting was very successful and could attract an equal number of participants as in the years before. By personal communication we received many positive reflections already at the meeting as well as thereafter and participants expressed interest for a succeeding “2nd Heart Team Winter Summit 2019”.

At this point we take the opportunity to thank all the speakers, chairmen, participants and supporters for their valuable contributions to the Winter Summit 2019. Our thankfulness goes in particular to our industry partners, who are the indispensable pillars of the meeting and enable a broad spectrum of scientific topics to be discussed.

Based on the successful experience in 2018, it is a great pleasure for us to welcome you to the “2nd Heart Team Winter Summit 2019” in Zürs am Arlberg. This meeting aims to continue with the “spirit” of the former Zürs symposia - to discuss scientific and clinical relevant topics of cardiovascular medicine in a relaxed alpine scenery. This will be an ideal atmosphere for interdisciplinary networking.

We are looking forward to an unforgettable successful week in Zürs at the “2nd Heart Team Winter Summit” in Zürs am Arlberg!

Sincerely,

Günther Laufer & Herbert Frank

# GENERAL INFORMATION



## CONGRESS VENUE

Robinson Select Alpenrose Zürs, 6763 Zürs am Arlberg, Austria

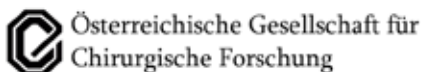
## ORGANIZERS & COURSE DIRECTORS

Günther Laufer: Department of Cardiac Surgery  
General Hospital Vienna, Medical University of Vienna, Austria  
Herbert Frank: Department of Internal Medicine  
Karl Landsteiner University, Tulln, Austria



## PATRONAGE

Austrian Society for Cardiac & Thoracic Vascular Surgery  
Austrian Society of Cardiology



## DFP CREDITS

54 DFP points for heart surgery have been applied by the Austrian Medical Chamber.

## CONGRESS AGENCY

Conventive OG  
A-2352 Gumpoldskirchen, Gartengasse 8/11  
b.seckl@conventive.at  
www.conventive.at

## REGISTRATION DESK

c/o Robinson Select Alpenrose Zürs, 6763 Zürs am Arlberg  
The congress documents will be handed out to the registered participants  
and on-site registration will be possible during the office hours.  
Sunday, March 10 - Friday, March 15, 8.45 - 10.00, 15.15 - 19.00

## INDUSTRIAL EXHIBITION

The industrial exhibition takes place at Robinson Select Alpenrose Zürs.

# FACULTY



## INTERNATIONAL

Alexander Blehm - Düsseldorf, Germany  
Gheorghe Cerin - Novara, Italy  
Marco Diena - Novara, Italy  
Theodor Fischlein - Nuremberg, Germany  
Xavier Freixer - Barcelona, Spain  
Mattia Glauber - Milano, Italy  
Piet Jansen - Vélizy-Villacoublay Cedex, France  
Philippe Kolh - Liege, Belgium  
Markus Krane - Munich, Germany  
Alexander Marmureanu - Los Angeles, USA  
Radoslaw Parma, Katowice, Poland  
Jan Pirk - Prague, Czech Republic  
Hermann Reichenspurner - Hamburg, Germany  
Guillermo Reyes Copa - Madrid, Spain  
Evgenii Rosseikin - Penza, Russia  
Samir Sarikouch - Hannover, Germany  
David Schibilsky - Freiburg, Germany  
Marcio Scorsin - Paris, France  
Udo Sechtem - Stuttgart, Germany  
Hans-Hinrich Sievers - Lübeck, Germany  
Johanna Takkenberg - Rotterdam, Netherlands  
Frank van Praet - Aalst, Belgium  
Karel van Praet - Berlin, Germany  
Paul Vogt - Zurich, Switzerland  
Daniel Wendt - Essen, Germany  
Marcus Wiemer - Minden, Germany

## NATIONAL

Martin Andreas - Vienna  
Christoph Binder - Vienna  
Thomas Binder - Vienna  
Thomas Brunner - Vienna  
Manfred Deutsch - Vienna  
Herbert Frank - Tulln  
Johannes Kastner - Vienna  
Alfred Kocher - Vienna  
Günther Laufer - Vienna  
Christian Loewe - Vienna  
Stephane Mahr - Vienna  
Harald Mayr - St. Pölten  
Bernhard Metzler - Innsbruck  
Ludwig Müller - Innsbruck  
Thomas Neunteufl - Krems  
Alexander Niessner - Vienna  
Bruno Podesser - Vienna  
Raphael Rosenhek - Vienna  
Sigrid Sandner - Vienna  
Rainald Seitelberger - Vienna  
Ernst Wolner - Vienna

# SCIENTIFIC PROGRAM



Sunday, March 10

---

15:15 Opening of the Symposium G. Laufer / H. Frank

---

## Aortic Valve Disease: Alternatives to classical SAVR and TAVR

---

15:30 Session A: Alternatives 1 H. Frank / G. Laufer

---

**KEYNOTE LECTURE:** The Ozaki Procedure Principles and Technical Aspects M. Krane (Munich)

The Ozaki Procedure: Outcomes and what I have learned from 500 cases E. Rosseikin (Penza)

Aortic Root Surgery and Endocarditis: Current Practice and New Techniques A. Blehm (Düsseldorf)

---

17:00 Coffee Break

---

17:30 Session B: Alternatives 2 H. Sievers / H. Mayr

---

**KEYNOTE LECTURE:** The European Ross Registry: What has been learned so far? H. Sievers (Lübeck)

Very long term Results of the Ross Operation J. Takkenberg (Rotterdam)

Bioregenerative Approach to AV-Disease: The ARISE Study S. Sarikouch (Hannover)

---

19:00 Welcome Reception at Hotel Alpenrose

---

## Poster Presentation

---

True BAV - is it really a problem and how it's really looks like. V. Dalinin (Moscow)

Renal Carcinoma With Tumor Thrombus Invading The Inferior Vena Cave S. Stefanov (Sofia)

The Method of Determining the Shunt Length in Coronary Artery Bypass Grafting I. Petz (Moscow)

---

# SCIENTIFIC PROGRAM



Monday, March 11

<b>9:00</b>	<b>Free Abstracts 1</b>	<b>H. Sievers / A. Kocher</b>
	Transcatheter Mitral Valve Implantation as Alternative Approach of Mitral REDO Procedure	A. Mokráček (Budejovice)
	Ten-year Clinical Experience with a Contemporary Bioprosthesis for Surgical Aortic Valve Replacement	S. Lehmann (Leipzig)
	Clinical and Hemodynamic Results of TAVI, with the Use of Valve with PTFE Lesflets	V. Bazylev (Penza)
	Quo vadis Ross Procedure?	J. Voyacek (Hradec Kralové)
	Incomplete Papillary Muscles Approximation: The Propensity Score Matched Case-Control Study	E. Nemchenko (Penza)
<b>12:00</b>	Lunch Break	
<b>13:30</b>	<i>Workshop: The Ozaki Procedure</i>	<i>M. Krane (Munich) E. Rosseikin (Penza)</i>
<b>15:00</b>	Break	
<b>Aortic Valve Disease: Narrow Aortic Root</b>		
<b>15:30</b>	<b>Session A: The mechanical Solution</b>	<b>J. Takkenberg / M. Glauber</b>
	Mechanical SAVR is the best Option	J. Pirk (Prague)
	New Warfarines (Tecafarin) and Xla and Xila Inhibitors	A. Niessner (Vienna)
	<b>KEYNOTE LECTURE:</b> Reduced INR Protocols for Mechanical SAVR - The On-X Option	G. Reyes Copa (Madrid)
	Short-term Axial Flow Pumps for Ventricular Support - the Evidence	D. Schibilsky (Freiburg)
<b>17:00</b>	Coffee Break	
<b>17:30</b>	<b>Session B: The biological Solution</b>	<b>T. Brunner / R. Seitelberger</b>
	TAVI is the best Option	T. Neunteufl (Krems)
	Sutureless SAVR is the best Option - Perceval	M. Glauber (Milano)
	Sutureless SAVR is the best Option - Intuity	G. Laufer (Vienna)
	Root Procedures (Replacement, Enlargement) are the best Options	R. Seitelberger (Salzburg)
<b>19:00</b>	End of Session	

# SCIENTIFIC PROGRAM



Tuesday, March 12

9:00	Free Abstracts 2	M. Deutsch / E. Wolner
	The Aortic Center Approach - Reinterventions after Frozen Elephant Trunk Surgery	L. Bax (Hamburg)
	Standardized Subannular Repair for Functional Mitral Regurgitation due to left Ventricular Dysfunction	J. Pausch (Hamburg)
	Modified Method Evaluation of Cardioplegia Efficiency during Cardiac Surgery	A. Kiraev (Moscow)
	Early Outcome of Frozen Elephant Trunk Procedures as Redo Operation	T. Demal (Hamburg)
	Usefulness of Aortic Valve Calcifications in Predicting TAVI's Outcome	F. Pollari (Nuremberg)
12:00	Lunch Break	
13:30	<i>Workshop: Implantation Technique Biointegral Biological Aortic Valve Conduit</i>	A. Blehm (Düsseldorf)
15:00	Break	
<b>Functional Mitral Incompetence - FMR</b>		
15:30	<b>Session A: Anular / Leaflet Remodelling</b>	H. Reichenspurner / T. Binder
	Echocardiographic Evaluation of FMR	T. Binder (Vienna)
	The Ring and Run Procedure	R. Seitelberger (Salzburg)
	<b>KEYNOTE LECTURE: COAPT and MITRA-FR</b>	R. Rosenhek (Vienna)
17:00	Coffee Break	
17:30	<b>Session B: Ventricular Remodelling</b>	R. Rosenhek / S. Mahr
	<b>KEYNOTE LECTURE: FMR - Repair Options on the Subvalvular Level</b>	H. Reichenspurner (Hamburg)
	The Ring and Sling Procedure	S. Mahr (Vienna)
	Accucinch: Interventional, Subvalvular Remodelling	J. Kastner (Vienna)
19:00	End of Session	

# SCIENTIFIC PROGRAM



Wednesday, March 13

---

<b>9:00</b>	<b>Video Session 1</b>	<b>S. Sandner / A. Marmureanu</b>
	Mitral Surgery for big MAC	
	Anterior Enlargement of the LVOT - Konno-Rastan Procedure	
	Posterior Enlargement of the LVOT - Nicks and Manougian Procedure	
<b>12:00</b>	Lunch Break	
<b>13:30</b>	<i>Workshop: How to construct a VESTed Vein Graft</i>	<i>S. Sandner (Vienna)</i>
<b>15:00</b>	Break	

---

## Coronary Artery Disease

---

<b>15:30</b>	<b>Session A: New Imaging Modalities</b>	<b>U. Sechtem / S. Sandner</b>
	Will CT-FFR replace Conventional Diagnostic Coronary Angiography?	C. Loewe (Vienna)
	Are FFR negative Lesions benign?	B. Metzler (Innsbruck)
	<b>KEYNOTE LECTURE: Coronary Inflammation</b>	U. Sechtem (Stuttgart)
<b>17:00</b>	Coffee Break	
<b>17:30</b>	<b>Session B: State of the Art and Beyond</b>	<b>P. Kolh / B. Metzler</b>
	<b>KEYNOTE LECTURE: Guidelines on Myocardial Revascularisation 2018</b>	P. Kolh (Liege)
	What is new in Percutaneous Coronary Interventions	J. Kastner (Vienna)
	What is new in Coronary Artery Bypass Grafting (CABG)	S. Sandner (Vienna)
<b>19:00</b>	End of Session	

---



# SCIENTIFIC PROGRAM



Thursday, March 14

<b>9:00</b>	<b>Free Abstracts 3</b>	<b>F. van Praet / A. Marmureanu</b>
	Transit Time Flow Measurement Predictors of Late Coronary Graft Occlusion	E. Nemchenko (Penza)
	Our Experiences with Heart Surgery on Jehovah Witnesses	J. Pirk (Prague)
	Outcome of On- Vs. Off-Pump CABG in Patients with high risk of bleeding	T. Demal (Hamburg)
	Advanced Smart ECG Monitoring in postoperative Atrial Fibrillation	J. Kalisnik (Nuremberg)
	Novel Biomarkers NGAL and Dystatin C for Early Determination of Associated Akute Kidney Injury	J. Kalisnik (Nuremberg)
<b>12:00</b>	Lunch Break	
<b>13:30</b>	<i>Workshop: Total Endoscopic 3D Mitral Surgery</i>	<i>L. Müller (Innsbruck)</i>
<b>15:00</b>	Break	
<b>Mitral Valve Procedures</b>		
<b>15:30</b>	<b>Session A: Mitral Valve 1</b>	<b>L. Müller / M. Scorsin</b>
	Echocardiographic Features of the Mitral Valve for Surgeons and Interventionalists	G. Cerin (Novara)
	<b>KEYNOTE LECTURE:</b> Minimally Invasive Mitral and Tricuspid Surgery: State of the Art	F. van Praet (Aalst)
	How to teach Minimally Invasive Mitral & Tricuspid Surgery	L. Müller (IBK)
<b>17:00</b>	Coffee Break	
<b>17:30</b>	<b>Session B: Mitral Valve 2</b>	<b>F. van Praet / G. Cerin</b>
	Right Lateral Approach for MIS AVR - Videosession	K. van Praet (Berlin)
	The Epygon Valve	M. Scorsin (Paris)
	Manta - A new Vascular Occlusion Device	R. Parma (Katowice)
	Animal Models for Chronic Heart Failure Research	B. Podesser (Vienna)
<b>19:00</b>	End of Session	

# SCIENTIFIC PROGRAM



Friday, March 15

9:00	<b>Video Session 2</b>	<b>M. Diena / P. Vogt</b>
	Minimally Invasive LVAD Implantation - Lateral Thoracotomy Approach	
	Minimally Invasive SAVR - Anterolateral Approach	
	Minimally Invasive MVRepair - Lateral Approach	
12:00	Lunch Break	
13:30	<i>Workshop: Cardiac Assist Systems in Complex PCI</i>	<i>M. Wiemer (Minden)</i>
15:00	Break	
<b>Inflammation and Chronic Heart Failure</b>		
15:30	<b>Session A: Inflammatory Responses in CV Disease</b>	<b>M. Diena / C. Binder</b>
	The Innate Immune System: DAMPs and PAMPs	C. Binder (Vienna)
	Intraoperative Hemoadsorption to Fight Inflammation in Acute Infective Endocarditis	D. Wendt (Essen)
	The “Retained Blood Syndrome”	T. Fischlein (Nuremberg)
	Causes and Prevention of Sternal Wound Infection	P. Vogt (Zurich)
17:00	Coffee Break	
17:30	<b>Session B: Terminal Heart Failure</b>	<b>T. Fischlein / P. Vogt</b>
	<b>SPECIAL LECTURE:</b> Cardiac Surgery in Usbekistan	P. Vogt (Zurich)
	Conditioning and severe Chronic Heart Failure Patients for Cardiac Surgery	M. Diena (Novara)
	<b>KEYNOTE LECTURE:</b> The Bioartificial Total Artificial Heart (TAH)	P. Jansen (Paris)
19:00	Closing of the Symposium	G. Laufer / H. Frank



MIN | MEDICAL INNOVATION NETWORK



DR. F. KÖHLER CHEMIE



Arzneimittel



We are thankful to our sponsors from the medical device and pharmaceutical industry (at printing date)