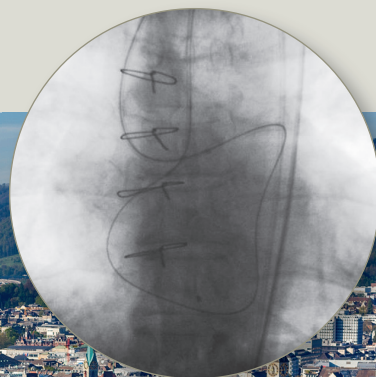


# 6th European Live Summit on **Retrograde CTO** **Revascularization**



**April 28–29, 2017**

**FIRST DRAFT – MAIN PROGRAMME**



**Congress Venue: University Heart Center Zurich  
Careum Auditorium / University Hospital Zurich  
Switzerland**

Alfredo R. Galassi MD, FACC, FESC, FSCAI



University of Catania – Italy

Thomas F. Lüscher MD, FACC, FESC  
Oliver Gämperli MD, FESC



University of Zurich – Switzerland

George Sianos MD, PhD, FESC



University of Thessaloniki – Greece

## COURSE DIRECTORS

Galassi Alfredo R., MD, FACC, FESC  
Lüscher Thomas F., MD, FACC, FESC  
Sianos George, MD, PhD, FESC

## COURSE VICE DIRECTOR AND COORDINATOR

Gaemperli Oliver, MD, FESC

## COURSE CO-DIRECTORS

Avran Alexander, MD,  
France

Di Mario Carlo, MD, PhD, FACC, FESC,  
Italy

Grancini Luca, MD,  
Italy

Siegrist Patrick, MD,  
Switzerland

Weilenmann Daniel, MD, FESC, FSCAI,  
Switzerland

Werner Gerald S., MD PhD, FACC FESC,  
Germany

## INTERNATIONAL FACULTY

Amano Tomonori, Japan  
Arabi Abdul Rahman, Qatar  
Boughdady Ahmed, Egypt  
Boukhris Marouane, Tunisia  
Burke Nicholas J., USA  
Elaziz Ahmed Abt, Egypt  
Ghofrani Afshin, Iran  
Hayashi Ryuzo, Japan  
Kao Hsien-Li, Taiwan

Mahooud Sharaf El Dean Shazly, Egypt  
Mohammadi Afsaneh, Iran  
Ochiai Masahiko, Japan  
Okutsu Masaaki, Japan  
Quadros Alexandre, Brazil  
Rashid Tarek, Egypt  
Ribiero Marcelo, Brazil  
Saghatelian Meruzhan, Armenia  
Shabestari Mahmoud, Iran  
Strauss Bradley, Canada  
Sumitsuji Satoru, Japan  
Tammam Khalid, Saudi Arabia  
Yahya A. Fauzi, Indonesia  
Yamane Masahisa, Japan  
Yamasaki Keita, Japan  
Yokoi Kensuke, Japan  
Yoshida Masatoki, Japan  
Yoshimachi Fuminobu, Japan  
Zambakides Chris, South Africa

## EUROPEAN FACULTY

Abdelwahed Youssef, Germany  
Bonnier Hans, Belgium  
Bozinovic Nenad, Serbia  
Bryniarski Leszek, Poland  
Bufe Alexander, Germany  
Bulum Josko, Croatia  
Christiansen Evald, Denmark  
Drogoul Laurent, France  
Escaned Javier, Spain  
Furkalo Sergey, Ukraine  
Gasparini Gabriele Luigi, Italy  
Gershlick Anthony, UK  
Ghanem Alexander, Germany  
Goktekin Omer, Turkey

>>



## EUROPEAN FACULTY (continued)

Heyndrickx Guy, Belgium  
Isaaz Karl, France  
Jussila Risto, Finland  
Kalnins Artis, Lithuania  
Kaukonen Tomi, Finland  
Kelly Paul, UK  
Kukreja Neville, UK  
La Manna Alessio, Italy  
Lismanis Aigar, Lithuania  
Martin Victoria, Spain  
Mashayekhi Kambis, Germany  
Mazzarotto Pietro, Italy  
McEntegart Margaret, UK  
Meyer-Gessner Markus, Germany  
Nedeljkovic Milan, Serbia  
Oreglia Jacopo, Italy  
Pixaras Stylianos, Germany  
Pontone Gianluca, Italy  
Prog Rostyslav, Germany  
Rathore Sudhir, UK  
Ringwald Gerd, Germany  
Rosenberg Mark, Germany  
Schäufele Tim, Germany  
Sgura Fabio, Italy  
Sitafidis Georgios, Greece  
Smith Elliot, UK  
Stojkovic Sinisa, Serbia  
Toma Aurel, France  
Trovik Thor, Norway  
Tumscitz Carlo, Italy  
Vaquerizo Beatriz, Spain  
Wojcik Jaroslaw, Poland

## NATIONAL FACULTY

Alibegovic Jasmina, Geneva  
Benussi Stefano, Zurich  
Chatterjee Tushar, Lucerne  
Cook Stéphane, Fribourg  
Corti Roberto, Zurich  
Eberli Franz, Zurich  
Eeckhout Eric, Lausanne  
Garachemani Ali, Berne  
Jamshidi Peiman, Lucerne  
Leibundgut Gregor, Liestal  
Linka André, Winterthur  
Maisano Francesco, Zurich  
Meier Pascal, Geneva  
Moarof Igal, Aarau  
Moccetti Marco, Lugano  
Moschovitis Aris, Berne  
Pedrazzini Giovanni, Lugano  
Roethlisberger Christian, Biel  
Roffi Marco, Geneva  
Sürder Daniel, Lugano  
Suetsch Gabor, Zurich  
Toggweiler Stephan, Lucerne  
Vuillomenet André, Aarau  
Weber Klaus, Winterthur  
Wenaweser Peter, Zurich  
Zbinden Rainer, Berne  
Zünd Gregor, Zurich



## MISSION

Chronic total occlusion (CTO) recanalization, in addition to angina and dyspnea relief, may provide additional benefits including avoidance of bypass surgery and enhanced quality of life and survival. To achieve such clinical benefits, the procedure has to be technically successful and complications must be avoided.

Retrograde CTO percutaneous coronary intervention was first mastered by Japanese operators, which opened new perspectives through the use of small collateral branches. The technique has evolved rapidly, resulting in shortened procedural time and reduced radiation, compared with the earlier days. Therefore, the knowledge and expertise in the retrograde techniques have become an essential adjunct for CTO operators to improve procedural success rate.

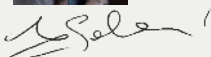
This will be a special year for us as we celebrate the 10-year anniversary of the constitution of the EuroCTO Club and the 40-year anniversary of the first CTO performed by Andreas Gruentzig in 1977, and being back in Zurich where it all began is a great achievement and honour for us.

Just like the previous years, the Summit is primarily based on live cases, lectures as well as interactive sessions on recorded cases, during which key opinion leaders will discuss different techniques and brand-new strategies.

This Summit represents a unique opportunity for meeting experts, allowing open discussions on hot issues, challenging treatments and new therapeutic answers in a friendly environment.

We look forward to welcoming you.

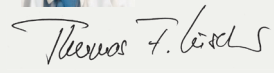
With best regards



**Alfredo R. Galassi**



**George Sianos**



**Thomas F. Luescher**



## FRIDAY APRIL 28, 2017

### MORNING SESSION

Venue: Careum Auditorium (address: Pestalozzistrasse 11)

07:30 – 08:00 *Congress registration and welcome coffee*

#### 08:00 – 08:15 **WELCOME**

Gregor Zünd, President of the Executive Board/CEO, University Hospital Zurich  
Alfredo R. Galassi, Thomas F. Lüscher, George Sianos

#### 08:15 – 10:30 **LIVE CASE INTERVENTION I**

Chairmen: TBD

Commentators: TBD

Operators: Room 1 – Alfredo R. Galassi / Room 2 – Masahisa Yamane

Case presenter: TBD

08:45 – 09:00 **LECTURE (in parallel to Live Case Intervention I)**  
Retrograde approach: can we standardize the method?  
Alexandre Avran

09:30 – 09:45 **LECTURE (in parallel to Live Case Intervention I)**  
The collateral circulation of coronary CTO  
Margaret McEntegart

09:45 – 10:00 Collateral channels: how to predict success  
Hsien-Li Kao

10:30 – 11:00 *Coffee Break*



## FRIDAY APRIL 28, 2017

### MORNING SESSION

Venue: Careum Auditorium (address: Pestalozzistrasse 11)

#### 11:00 – 13:15 **LIVE CASE INTERVENTION II**

Chairmen: TBD

Commentators: TBD

Operators: Room 1 – Daniel Weilenmann / Room 2 – Masahiko Ochiai

Case presenter: TBD

#### 11:30 – 11:45 **LECTURE (in parallel to Live Case Intervention II)**

Detection of myocardial mass at risk in CTO

Satoru Sumitsuji

#### 11:45 – 12:00 **A new frontier beyond crossing (specific wires and micros for retro)**

Masahisa Yamane

#### 13:00 – 13:15 **Lectio Magistralis**

40 years from 1<sup>st</sup> PCI by Andreas Gruentzig: where all began

Alfredo R. Galassi, Thomas F. Lüscher

#### 13:15 – 13:45 *Group Picture & Lunch Break (Grab the lunch box)*



## FRIDAY APRIL 28, 2017

### AFTERNOON SESSION

Venue: Careum Auditorium (address: Pestalozzistrasse 11)

- 13:45 – 14:45** **Luncheon Novelties Symposium – when new ideas help the interventionalist: the engineers' corner**  
Chairmen: TBD  
Commentators: TBD
- 13:45 – 14:00 **Microcatheter single lumen revolution**  
Fuminobu Yoshimachi
- 14:00 – 14:15 **Dual lumen catheter: which types, when and how to use**  
Marouane Boukhris
- 14:15 – 14:30 **New dedicated devices for CTOs**  
Edwin Schulting, IMDS/Liam Mulloy, Teleflex
- 14:30 – 14:45 **Non compliant balloons: only after, or before and after**  
Kambis Mashayekhi
- 14:45 – 15:15 *Coffee Break*
- 15:15 – 17:30** **LIVE CASE INTERVENTION III**  
Chairmen: TBD  
Commentators: TBD  
Operators: Room 1 – Satoru Sumitsuji / Room 2 – Alexandre Avran  
Case presenter: TBD
- 16:00 – 16:15 **LECTURE (in parallel to Live Case Intervention III)**  
IVUS imaging in retrograde approach; tips and tricks  
Masahiko Ochiai
- 16:45 – 17:00 **LECTURE (in parallel to Live Case Intervention III)**  
Collagenase and TOSCA-5 Trial: An encouraging antegrade approach to CTOs  
Bradley Strauss
- 17:00 – 17:15 **Antiplatelet agents post CTO: which types and how long for?**  
TBD
- 19:30 **GALA DINNER**  
Restaurant Zunfthaus zur Saffran



## SATURDAY APRIL 29, 2017

### MORNING SESSION

Venue: Careum Auditorium (address: Pestalozzistrasse 11)

#### 08:00 – 10:15 **LIVE CASE INTERVENTION IV**

Chairmen: TBD

Commentators: TBD

Operators: Room 1 – Hsien-Li Kao / Room 2 – Carlo Di Mario

Case presenter: TBD

#### 08:30 – 08:45 **LECTURE (in parallel to Live Case Intervention IV)**

Lessons learned from CTO PCI translated to non-CTO complex anatomy  
Gerald S. Werner

#### 08:45 – 09:00 **Multivessel and complex anatomy: help by the surgeon**

Stefano Benussi

#### 09:30 – 09:45 **LECTURE (in parallel to Live Case Intervention IV)**

When to switch to dissection and reentry mode during retrograde approach  
Nicholas J. Burke

#### 10:15 – 10:45 *Coffee Break*

#### 10:45 – 13:00 **LIVE CASE INTERVENTION V**

Chairmen: TBD

Commentators: TBD

Operators: Room 1 – Georgios Sianos / Room 2 – Gerald S. Werner

Case presenter: TBD

#### 11:15 – 11:30 **LECTURE (in parallel to Live Case Intervention V)**

Trouble shooting in complex reverse CART technique  
Luca Grancini

#### 11:30 – 11:45 **CT scan: does it really help and when?**

Masaaki Okutsu

#### 12:15 – 12:30 **LECTURE (in parallel to Live Case Intervention V)**

Dedicated devices in case of failed retrograde approach  
Elliott Smith

#### 13:00 – 13:30 *Lunch Break (Grab the lunch box)*



ZÜRICH  
HEART HOUSE  
foundation for  
cardiovascular  
research



UniversityHospital  
Zurich



## SATURDAY APRIL 29, 2017

### AFTERNOON SESSION

Venue: Careum Auditorium (address: Pestalozzistrasse 11)

#### 13:30 – 14:45 **Luncheon NIGHTMARE Symposium – Real complications cases**

Chairmen: TBD

Commentators: TBD

13:30 – 13:45 **Aortic dissection: how to manage?**  
Nenad Bozinovic

13:45 – 14:00 **False aneurism and dissection**  
Kambis Mashayekhi

14:00 – 14:15 **Hardware complications**  
Khalid Tamam

14:15 – 14:30 **Retrograde perforations: how to handle in different settings**  
Markus Meyer-Gessner

14:30 – 15:00 *Coffee Break*

#### 15:00 – 17:15 **LIVE CASE INTERVENTION VI**

Chairmen: TBD

Commentators: TBD

Operators: Room 1 – Sinisa Stojkovic / Room 2 – Evald Christiansen

Case presenter: TBD

15:30 – 15:45 **LECTURE (in parallel to Live Case Intervention VI)**  
**Outcome following retrograde techniques**  
Kambis Mashayekhi

16:00 – 16:15 **Role of FFRct and Stress CTP in stable CAD: state of art and potential implications in CTO**  
Gianluca Pontone

#### 17:15 **Closing remarks**

Alfredo R. Galassi, Thomas F. Lüscher, George Sianos



## SPONSORS

Many thanks to our sponsors for their highly appreciated support!

### PLATINUM SPONSORS



**PHILIPS**



### GOLD SPONSORS



### SILVER SPONSORS

**Boston  
Scientific**

**Medtronic**  
Further. Together

**SIS MEDICAL**  
Swiss | Interventional | Systems



**vascularmedical**

### BRONZE SPONSORS



**Teleflex**



**ZÜRICH  
HEART HOUSE**  
foundation for  
cardiovascular  
research



**UniversityHospital  
Zurich**