

14th Experts Live CTO
The annual Euro CTO meeting

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Preliminary Program



September
2nd – 3rd, 2022

Mainz, Germany

Join: on-site
or online
In Cooperation
with AGIK

Course Directors

Gerald S. Werner, Darmstadt, Germany
Kambis Mashayekhi, Lahr, Germany
Alexander Bufe, Krefeld, Germany
Thomas Schmitz, Essen, Germany (AGIK)

Course Co-Director

Zisis Dimitriadis, Frankfurt, Germany
Alexander Ghanem, Hamburg, Germany (AGIK)

ECC-President

Carlo Di Mario, Florence, Italy

**In Cooperation with the German
members of the EURO CTO Club**



www.eurocto2022.eu





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Gerald Werner,
Darmstadt, Germany



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Hamburg, Germany (AGIK)

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Carlo Di Mario,
Florence, Italy

Dear Colleagues, Dear Friends,

Over the past two years we are in the grip of a pandemic, that has changed the landscape of medical conferences, training, and interaction. The Euro CTO club successfully conducted the annual meetings despite these restrictions in 2020 and 2021 and looks forward to the 14th edition of our meeting 2022. As in the previous meetings the appeal to interventional cardiologists will be further extended beyond Europe by combining the live feeling of an on-site meeting with advanced web-based interaction around the globe.

The 2022 edition will be conducted in close collaboration with the German working group on interventional cardiology of the German Cardiac society (AGIK). We will together have a special focus on presenting live case transmissions performed by world renowned operators, but also on a structured guide from basics to advanced techniques for beginners and those who want to perfect their skills to illustrate the progress of CTO recanalization techniques and enhance the discussion in an interactive way. The focus of these educative presentations will be to illustrate the steps required to build a CTO program, select the right patients, the right technique and the right strategy.

This will be complemented by simulators provided by our industry partners who showcase their latest product developments. Aside from the practical demonstration of techniques, we also provide an interactive forum to present cases by the participants in a challenging case contest hosted by the Board of the EuroCTO club.

We look forward to meeting all of you in Mainz on the banks of the river Rhine close to Frankfurt International Airport.

Gerald Werner, Kambis Mashayekhi, Alexander Bufe, Thomas Schmitz
Course Directors

Zisis Dimitriadis, Alexander Ghanem,
Course Co-Directors

Carlo Di Mario
Euro CTO Club President



WELCOME TO MAINZ

14th Experts Live CTO
September 2nd – 3rd, 2022
Mainz, Germany

Venue

Rheingoldhalle
Rheinstraße 66
55116 Mainz, Germany

Language

The official language of the congress is English.
No simultaneous translation is available.

Certificate of Attendance

The Certificate of Attendance will be available on-site at the registration desk.
The meeting will be accredited by the European Board of Accreditation in Cardiology (EBAC).

Registration

Early Bird regular: 500,00 €
Early Bird fellow: 250,00 € (physicians in education/training)
Livestream regular: 99,00 €
Livestream fellow: 49,00 €

Registration fee includes

- Admission to the Scientific Sessions
- Catering during the breaks
- Certificate of attendance
- VAT

Schedule

Friday, September 2nd, 2022

1st day of the meeting 08:30–18:00
Congress Dinner 19:30–23:00

Saturday, September 3rd, 2022

2nd day of the meeting 08:30–17:00

Congress Dinner

60,00 € incl. VAT/per person
Friday, September 2nd, 2022

Hotel reservation

We have arranged special rates in the Hilton Hotel Mainz. Please find further information on the room allotment on the congress website: www.eurocto2022.eu
Rooms can be booked directly at the hotel by using the provided booking link.

Sponsoring

For interests of sponsoring contact stephan Pachner.
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Contact

Congress Organisation

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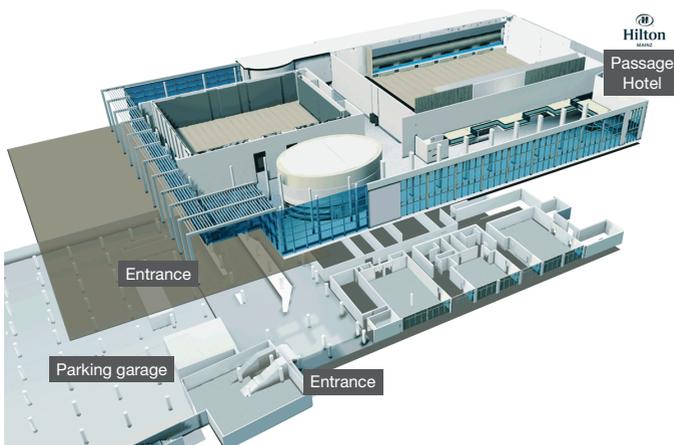
CONGRESS VENUE

The Rheingoldhalle – central, modern and flexible



Right in the heart of the city, directly on the River Rhine and with direct access to the Hilton Hotel, The Rheingoldhalle with its timeless, modern architecture is the perfect event location. Due to the flexible room layout, the Rheingoldhalle offers a suitable space for every occasion. The large glass fronts of the building offer a fantastic view of the Rhine River and the waterfront.

Rheingoldhalle, Rheinstraße 66, 55116 Mainz (Germany)



SITE & REACHABILITY

Mainz in the middle of Germany



Destination	Arrival by train	Arrival by plane
Frankfurt am Main	15 Min.	–
Köln	1 Std. 22 Min.	–
Stuttgart	1 Std. 28 Min.	1 Std. 12 Min.
Brüssel	3 Std. 30 Min.	1 Std. 5 Min.
München	3 Std. 48 Min.	1 Std. 5 Min.
Hamburg	4 Std. 34 Min.	1 Std. 5 Min.
Berlin	5 Std. 19 Min.	1 Std. 15 Min.
Paris	5 Std. 32 Min.	1 Std. 10 Min.
Dresden	5 Std. 54 Min.	1 Std. 10 Min.
London	6 Std. 21 Min.	1 Std. 40 Min.
Rom	16 Std. 35 Min.	1 Std. 45 Min.



SCIENTIFIC PROGRAM – PRELIMINARY VERSION

Friday, September 2nd, 2022

Main Session

Room: Auditorium

08:00 – 10:30	Session 1: Selecting the patient and planning the procedure A Chairmen: Carlo di Mario, Florence, Italy; Emanuele Barbato, Aalst, Belgium; Nicolaus Reifart, Königstein, Germany
08:00	Welcome by the Organisers
08:15	Which patient should undergo CTO PCI after the ISCHEMIA trial Emanuele Barbato, Aalst, Belgium
08:30	Live case presentation 1 and 2
08:40	LIVE CASE 1 (Darmstadt): Ömer Göktekin, Istanbul, Turkey LIVE CASE 2 (Mainz): Alfredo Galassi, Palermo, Italy
10:00	Managing radiation for patient and operator safety Gerald S. Werner, Darmstadt, Germany
10:10	Contrast-associated kidney injury – preventive strategies Gabriele Luigi Gasparini, Milan, Italy
10:20	Preprocedural CT – which patient needs it Youssef Abdelwahed, Berlin, Germany
10:30	Coffee break and exhibition
11:00 – 13:30	Session 2: Selecting the patient and planning the procedure B Chairmen: Alexander Bufe, Krefeld, Germany; Leszek Bryniarski, Krakow, Poland; Hans Bonnier, Nuenen, Belgium
11:00	Best angiographic projection for collateral analysis Imre Ungi, Szeged, Hungary
11:10	Why do we need Scores for CTO PCI David Hildick-Smith, Brighton, UK
11:20	The patient with severe LV dysfunction Mohamed Ayoub, Bad Oeynhausen, Germany
11:20	Live case presentation 3 and 4
11:30	LIVE CASE 3 (Darmstadt): Alexandre Avran, Valenciennes, France LIVE CASE 4 (Mainz): Kambis Mashayekhi, Lahr, Germany
12:50	Publication Review Emmanouil Brilakis, Minneapolis, USA (per Webmeeting)
13:20	New developments in wire based antegrade approach Alfredo Galassi, Palermo, Italy

AGIK Parallel Session

Room: West-Foyer

09:00 – 10:30	AGIK Session 1: The basics of CTO-PCI Chairmen: Thomas Schmitz, Essen, Germany; Heinz Joachim Büttner, Bad Krozingen, Germany
09:00	Introduction & welcome Thomas Schmitz, Essen, Germany
09:10	Optimal vascular access Alexander Ghanem, Hamburg, Germany
09:30	The 3 „?“ of CTO-PCI: When? Why? Who? Alexaner Bufe, Krefeld, Germany
09:50	Optimal angiographic views Ioannis Tsilingiris, Essen, Germany
10:10	Optimal planning of CTO-PCI Kambis Masheyekhi, Lahr, Germany
10:30	Coffee break and exhibition
11:00 – 12:30	AGIK Session 2: Essential tools for CTO-PCI Chairmen: Alexander Ghanem, Hamburg, Germany; Luca Grancini, Milan, Italy
11:00	Guidewires – which one in which situation? Erik Rafflenbeul, Hamburg, Germany
11:20	Microcatheters – how to handle? Zisis Dimitriadis, Frankfurt, Germany
11:40	Re-entry devices – essential or not? Jo Dens, Genk, Belgium
12:00	Other dedicated devices Youssef Abdelwahed, Berlin, Germany
12:45 – 13:30	Special Session: Case of the month Competition Chairmen: Pier Francesco Agostoni, Antwerp, Belgium; Juan Luis Gutiérrez-Chico, Koblenz, Germany
13:30	Lunch break, exhibition



SCIENTIFIC PROGRAM – PRELIMINARY VERSION

Main Session

Room: Auditorium

13:30 – 14:15	Lunch-Symposium by Philips
13:30	Lunch break, exhibition
15:00 – 17:00	Session 3: Advanced antegrade techniques Chairmen: Georgios Sianos, Thessaloniki, Greece; Masahisa Yamane, Sayama City, Japan; Jaroslaw Wójcik, Lublin, Poland
15:00	Live case presentation 5 and 6
15:10	LIVE CASE 5 (Darmstadt): Gerald S. Werner, Darmstadt, Germany LIVE CASE 6 (Mainz): Nicolas Boudou, Bordeaux, France
16:30	How to overcome proximal cap ambiguity? Roberto Garbo, Turin, Italy
16:40	Parallel wire: technique, devices, failure mode Leszek Bryniarski, Krakow, Poland
16:50	ADR in 2022 – evolution of device based reentry Dimitrios Karpaliotis, Morristown, USA
17:00	Coffee break and exhibition
17:30 – 18:20	Session 4: Antegrade techniques Chairmen: Heinz-Joachim Büttner, Bad Krozingen, Germany; Andrea Gagnor, Turin, Italy
17:30	IVUS controlled re-entry in antegrade CTO PCI Kenya Nasu, Aichi, Japan
17:40	Severe angulations including the proximal cap Sevket Görgülü, Istanbul, Turkey
17:50	Perforations within the subintimal space Andrew Ladwiniec, Leicester, UK
18:00	Haemodynamic support during CTO PCI Kambis Mashayekhi, Lahr, Germany
18:10	RV Function after RCA CTO PCI Zisis Dimitriadis, Frankfurt, Germany
18:20	Closing remarks
18:20 – 19:20	Session X „General Assembly“
19:30	Congress Dinner (registration required – places are limited)

AGIK Parallel Session

Room: West-Foyer

15:00 – 16:30	AGIK Session 3: The 101 of antegrade approach Chairmen: Michael Behnes, Mannheim, Germany; Felix Woitek, Dresden, Germany
15:00	Impulse: How to address CTO and Bifurcation Mohamed Ayoub, Bad Oeynhausen, Germany
15:15	LIAB Antegrade CTO with Bifurcation Alexander Bufe, Krefeld, Germany
15:30	Strategic Planning and Treatment Options: How would I treat Michael Behnes, Mannheim, Germany
15:50	How did I treat Alexander Bufe, Krefeld, Germany
16:10	Keynote: My essential tips & tricks for success in antegrade approach Jan Malte Sinning, Köln, Germany



SCIENTIFIC PROGRAM – PRELIMINARY VERSION

Saturday, September 3rd, 2022

Main Session

Room: Auditorium

07:30– 08:30	Breakfast Symposium by Abiomed
08:45 – 11:00	Session 5: Retrograde – technical aspects Chairmen: Alfredo Galassi, Palermo, Italy; Dimitrios Karpaliotis, Morristown, USA; Nicolaus Reifart, Königstein, Germany
08:45	Live case presentation 7 and 8
08:55	LIVE CASE 7 (Darmstadt): Kenya Nasu, Aichi, Japan LIVE CASE 8 (Mainz): Roberto Garbo, Turin, Italy
10:15	What is an interventional collateral? Sudhir Rathore, Guildford, UK
10:25	Reverse CART – state of the art Georgios Sianos, Thessaloniki, Greece
10:40	Connection Failure – Antegrade preparation is essential Andrea Gagnor, Turin, Italy
10:50	Externalisation Failure – What next? Nicolas Boudou, Bordeaux, France
11:00	Coffee break and exhibition
11:30 – 13:30	Session 6: The calcified CTO – the ultimate challenge Chairmen: Nicolas Boudou, Bordeaux, France; Roberto Garbo, Turin, Italy; Sudhir Rathore, Guildford, UK
11:30	Live case presentation 9 and 10
11:40	LIVE CASE 9 (Darmstadt): Masahisa Yamane, Sayama City, Japan LIVE CASE 10 (Mainz): Zisis Dimitriadis, Frankfurt, Germany
13:10	Impenetrable calcified cap Jo Dens, Genk, Belgium
13:20	Plaque modification: IVL, atherectomy, balloons Anja Øksnes, Trondheim, Norway
13:30– 14:15	Lunch Symposium by Asahi
13:30	Lunch break, exhibition

AGIK Parallel Session

Room: West-Foyer

08:45 – 10:15	AGIK Session 4: The 101 of the global consensus approaches Chairmen: Harald Lapp, Bad Berka, Germany; Jaroslaw Wójcik, Lublin, Poland; Tommaso Gori, Mainz, Germany
08:45	Impulse: Indicators for the necessity of a retrograde approach Bernward Lauer, Jena, Germany
09:00	LIAB Retrograde CTO reverse CART Setup Patrick Siegrist, Zurich, Switzerland
09:20	How would I treat Maciej Lesiak, Poznan, Poland
09:40	Procedural course Patrick Siegrist, Zurich, Switzerland
09:55	Keynote: My essential tips & tricks for success in retrograde approach Stylianios Pyxaras, Fürth, Germany
10:15	Coffee break and exhibition
11:30 – 13:00	AGIK Session 5: Essential tools for complication management Chairmen: Dimitrios Karpaliotis, Morristown, USA; Kambis Mashayekhi, Lahr, Germany; Andrea Gagnor, Turin, Italy
11:30	Impulse: How to evaluate and adress the risks of CTO PCI Sylvia Otto, Jena, Germany
12:00	LIAB post CABG mit Impella Mohamed Ayoub, Bad Oeynhausen, Germany
12:30	Keynote: My essential tips & tricks for success in complication management Kambis Mashayekhi, Lahr, Germany



SCIENTIFIC PROGRAM – PRELIMINARY VERSION

Main Session

Room: Auditorium

15:00 – 17:00	Session 7: Avoid complications and optimize CTO PCI outcome Chairmen: Kambis Mashayekhi, Lahr, Germany; Gerald S. Werner, Darmstadt, Germany; Masahisa Yamane, Sayama City, Japan
15:00	Live case presentation 11
15:05	LIVE CASE 11 (Darmstadt): Dimitrios Karpaliotis, Morristown, USA LIVE CASE 12 (Mainz): Georgios Sianos, Thessaloniki, Greece
16:30	How to reduce periprocedural MACE rate in CTO PCI? Alessio Mattesini, Florence, Italy
16:40	Is there space for a minimalistic CTO PCI? Pier Francesco Agostoni, Antwerp, Belgium
16:50	WRAP OF LIVE CASE – SUMMARY OF ALL FINAL RESULTS
16:55	Closing remarks

FACULTY

THE EURO CTO CLUB CORDIALLY THANKS THE INVITED SPEAKERS AND OPERATORS FOR SUPPORTING THE WORKSHOP WITH THEIR KNOWLEDGE AND EXPERTISE:

GUEST FACULTY

Emmanouil Brilakis

Minneapolis, USA

Dimitrios Karpaliotis

Morristown, USA

Kenya Nasu

Aichi, Japan

Masahisa Yamane

Sayama City, Japan

LIVE OPERATORS

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Valenciennes, France

Nicolas Boudou,

Bordeaux, France

Zisis Dimitriadis,

Frankfurt, Germany

Alfredo Galassi,

Palermo, Italy

Roberto Garbo,

Turin, Italy

Ömer Göktekin,

Istanbul, Turkey

Kambis Mashayekhi,

Lahr, Germany

Georgios Sianos,

Thessaloniki, Greece

Gerald S. Werner,

Darmstadt, Germany

Masahisa Yamane,

Sayama City, Japan

LIVE CASE FACILITATORS

N.N.



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