



September 17th – 18th 2021, Florence, Italy

13th Experts Live CTO, the annual EURO CTO Club Congress for the first time in partnership with GISE-CTO Meeting, GISE - Italian Society of Interventional Cardiology

Program

**HYBRID
EDITION**



EURO CTO CLUB Scientific Board

Carlo Di Mario, Florence, Italy (ECC-President)

Roberto Garbo, Turin, Italy

Alessio La Manna, Catania, Italy

Nicolas Boudou, Bordeaux, France

Kambis Mashayekhi, Bad Krozingen, Germany

Gabriele Gasparini, Milan, Italy (Live Case Coordinator)

Scientific Organization



EURO CTO CLUB

www.eurocto.eu - secretariat@eurocto.eu

GISE CTO Scientific Board

Giuseppe Tarantini, Padua, Italy (GISE President)

Giovanni Esposito, Naples, Italy (GISE President-elect)

Mauro Carlino, Milan, Italy

Andrea Gagnor, Turin, Italy

Pietro Mazzarotto, Lodi, Italy

Jacopo Oreglia, Milan, Italy

Gioel Gabrio Secco, Alessandria, Italy

Scientific Organization



GISE

www.gise.it - segreteria@gise.it

PROGRAM AT A GLANCE

Thursday, September 16th, 2021

LIMONAIA ROOM	
18.00-19.30	PRE-CONGRESS COCKTAIL INDUSTRY SYMPOSIUM
19.30	LIGHT WELCOME COCKTAIL

Friday, September 17th, 2021

	AUDITORIUM	GREEN ROOM	LIMONAIA ROOM
08.00-09.00	PLENARY OPENING SESSION Conquering CTO - 30 years of progress		
09.00-10.30	PARALLEL SESSION Live cases <i>Organized by EuroCTO Club</i>	PARALLEL SESSION Entry level CTO course The abc of CTO PCI <i>Organized by GISECTO</i>	
10.30-11.00	Coffee break		
11.00-12.00	PARALLEL SESSION Lecture: New aspects in CTO recanalisation from history to basics in CTO <i>Organized by EuroCTO Club</i>	PARALLEL SESSION Entry level CTO course Dedicated tools for CTO PCI <i>Organized by GISECTO</i>	
12.00-13.30	PARALLEL SESSION Live cases <i>Organized by EuroCTO Club from Milan and Japan</i>	PARALLEL SESSION Entry level CTO course Antegrade approach <i>Organized by GISECTO</i>	
13.30-15.00	Lunch		
13.45-14.45		INDUSTRY LUNCH SYMPOSIUM	INDUSTRY LUNCH SYMPOSIUM
14.45-15.00			
15.00-16.30	PARALLEL SESSION Live cases <i>Organized by EuroCTO Club from Glasgow and Milan</i>	PARALLEL SESSION Entry level CTO course Retrograde approach <i>Organized by GISECTO</i>	
16.30-17.00	Coffee break		
17.00-18.15	PLENARY EDITORS' SESSION Best CTO studies 2020-2021		
18.15-19.30	GENERAL ASSEMBLY EuroCTO Club	18.15-19.15 INDUSTRY COCKTAIL SYMPOSIUM	

PROGRAM AT A GLANCE

Saturday, September 18th, 2021

	AUDITORIUM	GREEN ROOM	LIMONAIA ROOM
08.30-10.00	PLENARY SESSION Live cases Organized by EuroCTO Club from Florence and Milan		
10.00-11.00	PARALLEL SESSION Lecture: Research and guidance for the interventional community Organized by EuroCTO Club	PARALLEL SESSION Entry level CTO course Final session Organized by EuroCTO Club	
11.00-11.30	Coffee break		
11.30-13.00	PLENARY LIVE CASES Live cases Organized by EuroCTO Club from Florence and Milan		
13.00-14.30	Lunch		
13.15-14.15		INDUSTRY LUNCH SYMPOSIUM	INDUSTRY LUNCH SYMPOSIUM
14.30-16.30	PLENARY SESSION Live cases Organized by EuroCTO Club from Rotterdam, Florence and Minneapolis		
16.30-17.00	Live cases wrap up and take home messages		

THURSDAY, SEPTEMBER 16th, 2021

LIMONAI A ROOM

18.00 PRE-MEETING SPONSORED SYMPOSIUM
19:30 SHOCKWAVE MEDICAL (see page 16)

19.30 *Light welcome cocktail*

FRIDAY, SEPTEMBER 17th, 2021

AUDITORIUM

08.00 PLENARY - OPENING SESSION
09.00 CONQUERING CTO - 30 YEARS OF PROGRESS
Chairpersons: **Carlo Di Mario** (Florence - I), **Dariusz Dudek** (Krakow - PL),
Giuseppe Tarantini (Padua - I)

08.00 Introduction
Carlo Di Mario (Florence - I)

08.05 Lessons learned from the history of CTO recanalization
Nicolaus Reifart (Frankfurt - D)

08.15 CTO pathology
Cristina Basso (Padua - I)

08.40 CTO training
Emanuele Barbato (Naples - I)

08.50 EAPCI & complex lesions
Dariusz Dudek (Krakow - PL)

FRIDAY, SEPTEMBER 17th, 2021

AUDITORIUM

09.00 PARALLEL SESSION**10.30** LIVE CASES FROM CHINA AND MILAN

Chairpersons: **Goran Olivecrona** (*Lund - S*),
Georgios Sianos (*Thessaloniki - GR*)

Discussants: **Zisis Dimitriadis** (*Mainz - D*), **Michael Pieper** (*Kreuzlingen - CH*),
Stylianos Pyxaras (*Landshut - D*), **Sinisa Stojkovic** (*Belgrade - RS*),
Satoru Sumitsuji (*Osaka - J*)

Webmoderator: **Alfredo Ruggero Galassi** (*Palermo - I*)

From China - Guangdong Provincial People's Hospital

Operators: **Jiangfang Luo** (*China*), **Junqing Yang** (*China*)

From Milan - Humanitas Reaserch Hospital

Operators: **Paul Knaapen** (*Amsterdam - NL*),
Alessio Gaetano La Manna (*Catania - I*)

10.30 *Coffee break*

11.00

11.00 PARALLEL SESSION: SYMPOSIUM**12.00** NEW ASPECTS IN CTO RECANALIZATION

Chairpersons: **Leonardo Bolognese** (*Arezzo - I*), **Giuseppe Tarantini** (*Padua - I*)

Discussants: **Nenad Bozinovic** (*Nis - SR*), **Laurent Drogoul** (*St. Laurent du Var - F*),
Juan Gutiérrez-Chico (*Marbella - E*), **Lesiak Maciej** (*Poznan - PL*),

Webmoderator: **Francesco Liistro** (*Arezzo - I*)

11.00 Specificity of pharmacological treatment for CTO recanalization
Daive Capodanno (*Catania - I*)

11.15 Discussion

11.20 CT guidance for CTO Recanalization
Patrick Siegrist (*Zurich - CH*)

11.30 Discussion

11.40 CTO & CHIPS: a bad combination
Jonathan Hill (*London - UK*)

11.50 Discussion

FRIDAY, SEPTEMBER 17th, 2021

AUDITORIUM

12.00

PARALLEL SESSION

13.30

LIVE AND SIMULATION CASES FROM MILAN AND JAPAN FROM PRESENT TO THE FUTURE CTO INTERVENTIONS

Chairpersons: **Kambis Mashayekhi** (*Bad Krozingen - D*),
Sudhir Rathore (*London - UK*)

Discussants: **Leszek Bryniarski** (*Krakow - PL*), **Mauro Carlino** (*Milan - I*),
Marco Comeglio (*Pistoia - I*), **Juan Luis Gutierrez-Chico** (*Marbella - E*),
Beatriz Vaquerizo (*Barcelona - E*)

Webmoderator: **Nicolas Boudou** (*Bordeaux - F*)

From Milan - Humanitas Reaserch Hospital

Operators: **Roberto Garbo** (*Turin - I*), **Thierry Lefevre** (*Massy - F*)

From Asahi HQ Seto - Japan

Operator: **Kenya Nasu** (*Japan*)

13.30

Lunch break

15.00

15.00

PARALLEL SESSION

16.30

LIVE CASES FROM GLASGOW AND MILAN

Chairpersons: **Bernward Lauer** (*Berka - D*), **David Hildick-Smith** (*Brighton - UK*)

Discussants: **Juergen Arenz** (*Essen - D*) **Mohaned Eged** (*Newcastle - UK*),
Ian Menown (*Dublin - IRL*), **Gennaro Sardella** (*Rome - I*),

Webmoderator: **Alexander Bufe** (*Krefeld - D*)

From Glasgow - Golden Jubilee Hospital

Operators: **Margaret McEntegart** (*Glasgow - UK*), **Anja Oksnes** (*Bones - N*)

From Milan - Humanitas Reaserch Hospital

Operators: **Gabriele Gasparini** (*Milan - I*), **Andrea Gagnor** (*Turin - I*)

16.30

Coffee break

17.00

FRIDAY, SEPTEMBER 17th, 2021

AUDITORIUM

- 17.00** PLENARY EDITORS' SESSION
18.15 BEST CTO STUDIES 2020-21 (selected by the Editors of the Cardiology Interventional journals)
Chairpersons: **Javier Escaned** (*Deputy Editor EHJ Interventional Cardiology*),
Giuseppe Tarantini (*GISE President*)
Discussants: **Carlo Di Mario** (*Florence - I*), **Giovanni Esposito** (*Naples*),
Kambis Mashayekhi (*Bad Krozingen - D*),
Maksymilian Opolski (*Warsaw - PL*)
- 17.00** Introduction
Javier Escaned (*Madrid - E*)
- 17.03** CTO ARC Definitions: a common language for research and clinical reporting
Stephane Rinfret (*Atlanta - USA*)
- 17.13** Article selected for JACC Cardiovasc Interv
- 17.20** Comments, questions and criticisms from panelists and audience
- 17.25** Article selected by Cathet Cardiovascular Interventions
- 17.32** Comments, questions and criticisms from panelists and audience coordinated by **Steve Bailey** (*San Antonio - USA*) Editor *Catheterization Cardiovascular Interventions*
- 17.37** Article selected by Circulation Interventions
- 17.44** Comments, questions and criticisms from panelists and audience coordinated by **Sunil Rao** (*Durham - USA*) Editor *Circulation Interventions*
- 17.49** Article selected by EuroIntervention
- 17.56** Comments, questions and criticisms from panelists and audience coordinated by **David Capodanno** (*Catania - I*) Editor *EuroIntervention*
- 18.01** How to run the ultimate CTO trial and achieve Class IA in the Guidelines?
Gregg Stone (*New York - USA*)
- 18.11** Closing Remarks
Giuseppe Tarantini (*Padua - I*)

FRIDAY, SEPTEMBER 17th, 2021

AUDITORIUM

18.15 GENERAL ASSEMBLY - EUROCTO CLUB

19.30

18.15 The EuroCTO Club after COVID-19
Carlo Di Mario (Florence - I) *EuroCTO Club President*

18.25 Finance handover
Hans Bonnier (Eindhoven - NL), **Gerald Werner** (Darmstadt - D)

18.35 The new EuroCTO Club Database
Gerald Werner (Darmstadt - D)

18.45 Next year's congress planning
Kambis Mashayekhi (Bad Krozingen - D)

18.55 General discussion

GREEN ROOM

09.00 PARALLEL SESSION - SESSION 1: THE ABC OF CTO PCI

10.30

Entry Level CTO Course organized by GISE

Chairpersons: **Carlo Di Mario** (Florence - I), **Dariusz Dudek** (Krakow - PL),
Giuseppe Tarantini (Padua - I)

Discussants: **Cristian Di Russo** (Rome - I), **Daniele Forlani** (Pescara - I),
Luca Grancini (Milan - I), **Massimo Napodano** (Padua - I),
Andrea Picchi (Grosseto - I), **Andrea Rognoni** (Novara - I),
Rocco Edoardo Stio (Rome - I)

09.00 Introduction and Welcome to participants
Giuseppe Tarantini (Padua - I)

09.15 Vascular approach
Andrew Ladwinieic (Leicester - UK)

09.30 CTO recanalization: when, why, how? -
Carlo Di Mario (Florence - I)

09.45 Optimal angiographic views for CTO PCI
Jacopo Oreglia (Milan - I)

10.00 Optimal planning for a successful CTO recanalization: new algorithms
David Hildick-Smith (Brighton - UK)

10.15 Discussion

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GREEN ROOM

- 10.30** Coffee break
11.00
- 11.00** **PARALLEL SESSION - SESSION 2: DEDICATED TOOL FOR CTO PCI**
12.00 **Entry Level CTO Course organized by GISE**
Chairpersons: **Mauro Carlino** (Milan - I), **Giovanni Esposito** (Naples - I),
Gerald Werner (Darmstadt - D)
Discussants: **Giuseppe Andò** (Messina - I), **Alberto Chisari** (Pietra Ligure - I),
Salvatore Colangelo (Turin - I), **Giuseppe De Luca** (Novara - I)
Andrea Demarchi (Vercelli - I), **Alessio Mattesini** (Florence - I)
- 11.00** Guidewires: how to choose the correct one
Masahiko Ochiai (Yokohama - J)
- 11.15** Microcatheters: how to choose the correct one
Gioel Gabrio Secco (Alessandria - I)
- 11.30** Guide extensions and new dedicated devices: how to choose the correct one
Nicolas Boudou (Bordeaux - F)
- 11.45** Discussion
- 12.00** **PARALLEL SESSION - SESSION 3: ANTEGRADE APPROACH**
13.30 **Entry Level CTO Course organized by GISE**
Chairpersons: **Yves Louvard** (Massy - F), **Andrea Pavei** (Rome - I),
Gioel Gabrio Secco (Alessandria - I)
Discussants: **Massimo Di Marco** (Pescara - I), **Antonio Micari** (Messina - I),
Rosario Parisi (Pesaro - I), **Vito Ramazzotti** (Rome - I),
David Rutigliano (Bari) - I, **Carlo Tumscitz** (Ferrara - I),
Fabrizio Ugo (Turin - I)
- 12.00** Live in the box 1 from Genoa - Ospedale San Martino
Operators: **Gabriele Crimi**, **Matteo Vercellino**, **Manrico Balbi**, **Italo Porto** (Genoa - I)
- 12.25** Discussion
- 12.35** Live in the box 2 from Pescara, Ospedale Civile Spirito Santo
Operator: **Leonardo Paloscia**, **Massimo Di Marco**, **Daniele Forlani** (Pescara - I)
- 13.00** Discussion
- 13.10** The antegrade approach: my best tip & tricks
Dimitrios Karpaliotis (New York - USA)

FRIDAY, SEPTEMBER 17th, 2021

GREEN ROOM

13.30 Switch time
13.45

13.45 **INDUSTRY LUNCH SYMPOSIUM**
14.45 **ASAHI INTECC** (see page 16)

14.45 Switch time
15.00

15.00 **PARALLEL SESSION - SESSION 4: RETROGRADE APPROACH**

16.30 **Entry Level CTO Course organized by GISE**

Chairpersons: **Alessio La Manna** (Catania - I), **Pietro Mazzarotto** (Lodi - I),
Markus Meyer Gessner (Dusseldorf - D)

Discussants: **Lucia Barbieri** (Milan - I), **Dionigi Fischetti** (Lecce - I),
Alfredo Marchese (Bari - I), **Giulia Masiero** (Padua - I),
Tommaso Piva (Ancona - I), **Francesco Tomassini** (Rivoli - I),
Alessandra Truffa Giachet (Asti - I)

15.00 Live in the box 3 from Pistoia, Ospedale San Jacopo
Operator: **Marco Comeglio** (Pistoia - I)

15.25 Discussion

15.35 Live in the box 4 from Latina, Ospedale Santa Maria Goretti
Operators: **Antonino Stipo**, **Francesco Versaci** (Latina - I)

16.00 Discussion

16.10 The retrograde approach: my best tip & tricks
Kambis Mashayekhi (Bad Krozingen - D)

16.30 Coffee break
17.00

18.15 **COCKTAIL SPONSORED SYMPOSIUM**
19.15 **ORBUSNEICH** (see page 16)

LIMONAIA ROOM

13.45 **INDUSTRY LUNCH SYMPOSIUM**
14.45 **TELEFLEX** (see page 17)

SATURDAY, SEPTEMBER 18th, 2021**AUDITORIUM****08.30** **PLENARY SESSION****10.00** **LIVE CASES FROM FLORENCE AND MILAN**

Chairpersons: **Heinz Joachim Buettner** (*Bad Krozingen - D*),
Mauro De Benedictis (*Genoa - I*)

Discussants: **Requeiro Ander** (*Barcelona - E*), **Michael Behnes** (*Mannheim - D*),
Salvatore Colangelo (*Turin - I*), **Massimo Fineschi** (*Siena - I*),
Tito Kabir (*London - UK*)

Webmoderator: **Tania Chechi** (*Florence - I*)

From Florence - Careggi University Hospital

Operators: **Carlo Di Mario** (*Florence - I*), **Masahisa Yamane** (*Saitama - J*)

From Milan - Humanitas Reaserch Hospital

Operators: **Georgios Sianos** (*Thessaloniki - GR*), **Jarosław Wójcik** (*Lublin - PL*)

10.00 **PARALLEL SESSION LECTURE****11.00** **RESEARCH AND GUIDANCE FOR THE INTERVENTIONAL COMMUNITY**

Chairpersons: **Pierfrancesco Agostoni** (*Antwerps - B*),
Andrew Ladwiniec (*Leicester - UK*)

Discussants: **Lesnek Bryniarski** (*Krakow - PL*), **Francesco Caprioglio** (*Vicenza - I*),
Pietro Mazzarotto (*Lodi - I*), **Victoria Martin-Yuste** (*Barcelona - E*),

Webmoderator: **Paul Knaapen** (*Amsterdam - NL*)

10.00 Consensus document on specific use of guide extension catheters in CTO procedures

Roberto Garbo (*Turin - I*)

10.15 Discussion

10.20 Consensus document of treatment of calcium within CTO recanalization

Stylianos Pyxaras (*Landshut - D*)

10.35 Discussion

10.40 CTO case of the month: winner of the competition

Presented by **Pierfrancesco Agostoni** (*Antwerps - B*)

10.55 Discussion

SATURDAY, SEPTEMBER 18th, 2021

AUDITORIUM

11.00 *Coffee break*
11.30

11.30 **PLENARY SESSION**

13.00 **LIVE CASES FROM FLORENCE AND MILAN**

Chairpersons: **Alexander Bufe** (*Krefeld - D*), **Omer Goktekin** (*Eskisehir - TR*)

Discussants: **Andrea Gagnor** (*Turin - I*), **Robert Gerber** (*Hastings - UK*),
Aigar Lismanis (*Riga - LT*), **Andrea Picchi** (*Grosseto - I*),
Gorgulu Sevket (*Istanbul - TR*)

Webmoderator: **Nicolaus Reifart** (*Frankfurt - D*)

From Florence - Careggi University Hospital

Operators: **Nicolas Boudou** (*Bordeaux - F*), **Gerald Werner** (*Darmstadt - D*)

From Milan - Humanitas Reaserch Hospital

Operators: **Alexandre Avran** (*Nice - F*), **Alfredo Ruggero Galassi** (*Palermo - I*)

13.00 *Lunch break*
14.30

14.30 **PLENARY SESSION**

16.30 **LIVE CASES FROM ROTTERDAM, FLORENCE AND MINNEAPOLIS**

Chairpersons: **Andrea Gagnor** (*Turin - I*), **Roberto Garbo** (*Turin - I*)

Discussants: **Lorenzo Azzalini** (*Richmond - USA*), **Wójcik Jarosław** (*Lublin - PL*),
Risto Jussila (*Helsinki - FL*), **Degertekin Muzaffer** (*Istanbul - TR*),
Jacopo Oreglia (*Milan - I*)

Webmoderator: **Gerald Werner** (*Darmstadt - D*)

From Rotterdam

Operators: **Roberto Diletti** (*Rotterdam - NL*), **Alex Nap** (*Amsterdam - NL*)

From Florence - Careggi University Hospital

Operators: **Kambis Mashayekhi** (*Bad Kronzingen - D*), **Alessio Mattesini** (*Florence - I*)

From Minneapolis

Operator: **Emmanouil Brilakis** (*Minneapolis - USA*)

SATURDAY, SEPTEMBER 18th, 2021

AUDITORIUM

- 16.30** **PLENARY SESSION**
17.00 **WRAP UP OF LIVE CASES AND TAKE HOME MESSAGES**
 Chairpersons: **Roberto Garbo** (*Turin - I*), **Giuseppe Tarantini** (*Padua - I*)
- 16.30** Debriefing from Milan
Gabriele Gasparini (*Milan - I*)
- 16.40** Discussion
- 16.45** Debriefing from Florence
Carlo Di Mario (*Florence - I*)
- 16.55** Discussion and Take-home message

GREEN ROOM

- 10.00** **PARALLEL SESSION - SESSION 5: FINAL SESSION**
11.30 **Entry Level CTO Course organized by GISE**
 Chairpersons: **Giovanni Esposito** (*Naples - I*), **Giuseppe Tarantini** (*Padua - I*)
 Discussants: **Chiara Cavallino** (*Vercelli - I*), **Roberto Diletti** (*Rotterdam - NL*),
Chiara Fraccaro (*Padua - I*), **Stefano Galli** (*Milan - I*),
Cinzia Moncalvo (*Alessandria - I*), **Italo Porto** (*Genoa - I*),
Francesco Saia (*Bologna - I*)
- 10.00** Live in the box 5 from Pesaro, Ospedali Riuniti Marche Nord
 Operators: **Rosario Parisi**, **Lucia Marinucci**, **Francesca Mirabella** (*Pesaro - I*)
- 10.25** Discussion
- 10.35** Live in the box 6 from Ragusa, Ospedale Giovanni Paolo II
 Operator: **Guido Piersanti D'Agosta** (*Ragusa - I*)
- 11.00** Discussion
- 11.10** Complication management during CTO PCI
Roberto Garbo (*Turin - I*)
- 11.25** Closing remarks and proclamation of the winner of the CTO FACTOR
Giovanni Esposito (*Naples - I*)
- 13.15** **INDUSTRY LUNCH SYMPOSIUM**
14.15 **TERUMO** (*see page 17*)

LIMONAIA ROOM

- 13.15** **INDUSTRY LUNCH SYMPOSIUM**
14.15 **EUKON/APT MEDICAL** (*see page 17*)

INDUSTRY SYMPOSIA

THURSDAY, SEPTEMBER 16th, 2021

LIMONAIÀ ROOM

18.00
19:30

PRE-MEETING SPONSORED SYMPOSIUM
SHOCKWAVE MEDICAL

SHOCKWAVE | IVL

The Role of IVL in CTOs and Challenging Calcified Lesions

Chairperson: **Carlo Di Mario** (*Florence - I*)

Panelists: **Nicolas Boudou** (*Bordeaux - F*), **Beatriz Vaquerizo** (*Barcelona - E*),
Gerald Werner (*Darmstadt - D*)

FRIDAY, SEPTEMBER 17th, 2021

GREEN ROOM

13.45
14.45

INDUSTRY LUNCH SYMPOSIUM
ASAHI INTECC
ROAD TO CTO EXPERT

 Your dreams. Woven together.
ASAHI INTECC

Panelists: **Alessio La Manna** (*Catania - I*), **Gabriele Gasparini** (*Milan - I*),
Kambis Mashayekhi (*Bad Krozingen - D*),
Gerald Werner (*Darmstadt - D*), **Masahisa Yamane** (*Saitama - J*)

GREEN ROOM

18.15
19.15

COCKTAIL SPONSORED SYMPOSIUM
ORBUSNEICH

 **OrbusNeich®**
Pioneers in life-changing technologies

SIMPLIFY YOUR MOST COMPLEX AND CALCIFIED PCI

Chairperson: **Zisis Dimitriadis** (*Mainz - D*)

Moderator: **Tommaso Piva** (*Ancona - I*)

Panelists: **Andi Mucaj** (*Ancona - I*), **K. Pujdak** (*Herford - D*)

FRIDAY, SEPTEMBER 17th, 2021

LIMONAIA ROOM

13.45 INDUSTRY LUNCH SYMPOSIUM
14.45 TELEFLEX
 MICROCATHETER AND GUIDEWIRE INTERACTION
 IN COMPLEX PCI



Chairperson: **Roberto Garbo** (*Turin - I*)

Panelists: **Jo Dens** (*Genk - B*), **Roberto Garbo** (*Turin - I*), **Fabrizio Ugo** (*Turin - I*)

SATURDAY, SEPTEMBER 18th, 2021

GREEN ROOM

13.15 INDUSTRY LUNCH SYMPOSIUM
14.15 TERUMO
 A DEEP DIVE IN CTO-BIFURCATIONS



Chairperson: **Thierry Lefevre** (*Massy - F*)

Panelists: **Stephane Carlier**, **Kambis Mashayekhi** (*Bad Krozingen - D*),
Thierry Lefevre (*Massy - F*), **Masahisa Yamane** (*Saitama - J*)

LIMONAIA ROOM

13.15 INDUSTRY LUNCH SYMPOSIUM
14.15 EUKON/APT MEDICAL
 BEYOND EXTREME TORTUOSITY TO REDUCE
 ISCHEMIC BURDEN



Chairperson: **Roberto Garbo** (*Turin - I*)

Panelists: **Carlo Di Mario** (*Florence - I*), **Carlo Tumscitz** (*Ferrara - I*),
Junqing Yang (*China - I*)

HANDS-ON SESSIONS

TERUMO

FRIDAY, SEPTEMBER 17th, 2021 - 13.30-15.00

BUILDING A CTO STRATEGY

FRIDAY, SEPTEMBER 17th, 2021 - 18.15-19.30

CORONARY PERFORATION ON THE STAGE. CAN YOU MANAGE?

SATURDAY, SEPTEMBER 18th, 2021 - 13.00-14.30

DIG INTO CTO TIPS: LET'S GET YOUR HANDS DIRTY

ROOM 4



ABBOTT

FRIDAY, SEPTEMBER 17th, 2021 - 13.30-15.00

TAKE THE FUTURE IN YOUR HANDS!
PROTOTYPE TESTING SESSION (WITH R&D)

FRIDAY, SEPTEMBER 17th, 2021 - 18.15-19.30

TAKE THE FUTURE IN YOUR HANDS!
PROTOTYPE TESTING SESSION (WITH R&D)

SATURDAY, SEPTEMBER 18th, 2021 - 13.00-14.30

TAKE THE FUTURE IN YOUR HANDS!
PROTOTYPE TESTING SESSION (WITH R&D)

ROOM 9



OTHER SPONSORED SESSIONS

ASAHI INTECC

FRIDAY, SEPTEMBER 17th, 2021 - FULL DAY

CTO HISTORY MOVIE

SATURDAY, SEPTEMBER 18th, 2021 - FULL DAY

CTO HISTORY MOVIE

ROOM 5



FACULTY

EURO CTO Club and GISE cordially thank the invited speakers, chairs, discussants and operators for supporting the congress with their knowledge and expertise:

Pierfrancesco Agostoni (Antwerps - B)	Giuseppe De Luca (Novara - I)
Regueiro Ander (Barcelona - E)	Andrea Demarchi (Vercelli - I)
Giuseppe Andò (Messina - I)	Pierluigi Demola (Florence - I)
Jürgen Arenz (Essen - D)	Massimo Di Marco (Pescara - I)
Alexandre Avran (Nice - F)	Carlo Di Mario (Florence - I)
Lorenzo Azzalini (Richmond - USA)	Cristian Di Russo (Rome - I)
Steven R. Bailey (San Antonio - USA)	Roberto Diletti (Rotterdam - NL)
Manrico Balbi (Genoa - I)	Zisis Dimitriadis (Mainz - D)
Emanuele Barbato (Naples - I)	Laurent Drogul (St. Laurent du Var - F)
Lucia Barbieri (Milan - I)	Dariusz Dudek (Krakow - PL)
Cristina Basso (Padua I)	Mohaned Egred (Newcastle - UK)
Michael Behnes (Mannheim - D)	Javier Escaned (Madrid - E)
Leonardo Bolognese (Arezzo - I)	Giovanni Esposito (Naples - I)
Hans Bonnier (Eindhoven - NL)	Massimo Fineschi (Siena - I)
Nicolas Boudou (Bordeaux - I)	Dionigi Fischetti (Lecce - I)
Nenad Bozinovic (Nis - SR)	Daniele Forlani (Pescara - I)
Emmanouel Brilakis (Minneapolis - USA)	Chiara Fraccaro (Padua - I)
Leszek Bryniarski (Krakow - PL)	Andrea Gagnor (Turin - I)
Alexander Bufe (Krefeld - D)	Alfredo Ruggero Galassi (Palermo - I)
Heinz Joachim Büttner (Bad Krozingen - D)	Stefano Galli (Milan - I)
Davide Francesco Capodanno (Catania - I)	Roberto Garbo (Turin - I)
Francesco Caprioglio (Vicenza - I)	Gabriele Gasparini (Milan - I)
Mauro Carlino (Milan - I)	Robert Gerber (Hastings - UK)
Chiara Cavallino (Vercelli - I)	Omer Goktekin (Eskisehir - TR)
Tania Chechi (Florence - I)	Luca Grancini (Milan - I)
Alberto Chisari (Pietra Ligure - I)	Juan Luis Gutiérrez-Chico (Marbella - E)
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Antonio Colombo (Milan - I)	Jonathan Hill (London - UK)
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Guido Piersanti D'Agosta (Ragusa - I)	Paul Knaapen (Amsterdam - NL)
MauroDe Benedictis (Genoa - I)	Alessio G. La Manna (Catania - I)

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Bernward Lauer (Berka - D)
Maciej Lesiak (Poznan - PL)
Thierry Lefevre (Massy - F)
Francesco Liistro (Arezzo - I)
Aigars Lismanis (Riga - LT)
Yves Louvard (Massy - F)
Jianfang Luo (China - I)
Alfredo Marchese (Bari - I)
Lucia Marinucci (Pesaro - I)
Victoria Martin-Yuste (Barcelona - E)
Yamane Masahisa (Saitama - J)
Kambis Mashayekhi (Bad Krozingen - D)
Giulia Masiero (Padua - I)
Alessio Mattesini (Florence - I)
Pietro Mazzarotto (Lodi - I)
Margaret McEntegart (Glasgow - UK)
Ian Menown (Dublin - IRL)
Francesco Meucci (Florence - I)
Markus Meyer-Gessner (Dusseldorf - D)
Antonio Micari (Messina - I)
Francesca Mirabella (Pesaro - I)
Cinzia Moncalvo (Alessandria - I)
Degertekin Muzaffer (Istanbul - TR)
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Massimo Napodano (Padua - I)
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Masahiko Ochiai (Yokohama - J)
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Goran Olivecroma (Lund - S)
Maximilian Opolski (Warsaw - PL)
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Andrea Picchi (Grosseto - I)
Michael Pieper (Kreuzlingen - CH)

Tommaso Piva (Ancona - I)
Italo Porto (Genoa - I)
Stylianos Pyxaras (Landshut - D)
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Matteo Vercellino (Genoa - I)
Francesco Versaci (Latina - I)
Gerald S. Werner (Darmstadt - I)
Jaroslaw Wójcik (Lublin - PL)
Junqing Yang (China)

GENERAL INFORMATION

CONGRESS VENUE

PALAZZO DEI CONGRESSI
Via Valfonda - Florence

LANGUAGE

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

ORGANIZING SECRETARIAT

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