



CARDIOVASCULAR
LASER SOCIETY



5TH CLS ANNUAL MEETING



under the patronage of



COLLEGIO
DEI PROFESSORI UNIVERSITARI
DI CARDIOCHIRURGIA
Italian College of Cardiac Surgeons



REGIONE
CAMPANIA



SIMIT
Società Italiana
di Malattie Infettive
e Tropicali



AIAC

Associazione Italiana Aritmologia e Cardiostimolazione



GISE
Società Italiana di Cardiologia Interventistica



Società Italiana di
Radiologia Medica
e Interventistica



SOCIETÀ ITALIANA DI CHIRURGIA CARDIACA
SINCE 1967
SOCIETY FOR CARDIAC SURGERY

9-10 May 2023

**University Federico II Congress Center
Aula Magna Partenope
NAPLES - ITALY**



CARDIOVASCULAR
LASER SOCIETY



Presidents

Vittorio AMBROSINI (Avellino), Antonio D'ONOFRIO (Naples),
Giovanni Esposito (Naples), A. Parolari (Milan)

Vice President and General Secretary

Pietro ARMIGLIATO (Verona)

Interventional Cardiology Area Director

Marco CONTARINI (Siracusa)

Interventional Radiology Area Director

Roberto CANDELARI (Ancona)

Cardiac Lead Extraction Area Director

Stefano DE VIVO (Naples)

Micro Invasive Cardiac Surgery Area Director

Gino GEROSA (Padova)

Endovascular Surgery Area Director

Vittorio DORRUCCI (Mestre-Venice)

EU Funding Research Projects Director

Luigi BERTINATO (Rome)



CARDIOVASCULAR
LASER SOCIETY



Scientific Committee

Vincenzo ARGANO (Palermo)

Roberto BONMASSARI (Trento)

Marianne BRODMANN (Graz-Austria)

Paolo CALABRO' (Caserta)

Paolo CENTOFANTI (Turin)

Antonio COLOMBO (Milan)

Giuliano CHIZZOLA (Brescia)

Marisa DE FEO (Naples)

Antonio DELLO RUSSO (Ancona)

Igor DIEMBERGER (Bologna)

Emilio DI LORENZO (Avellino)

Francesco FEDELE (Rome)

Giovanni ESPOSITO (Naples)

Paolo GOLINO (Naples)

Sabino ILICETO (Padua)

Ugolino LIVI (Udine)

Ciro MAURO (Naples)

Massimo NAPODANO (Padua)

Giampaolo NICCOLI (Parma)

Gerardo NIGRO (Naples)

Davide PACINI (Bologna)

Augusto PAPPALARDO (Rome)

Rocco PERROTTA (Caserta)

Antonio RAPACCIUOLO (Naples)

Massimo SPONZA (Udine)

Christoph STARCK (Berlin)

Giuseppe TARANTINI (Padua)

On TOPAZ (Durham-USA)

Pierluigi STEFANO (Florence)

Attilio VARRICCHIO (Naples)



CARDIOVASCULAR LASER SOCIETY



FACULTY:

Carlo Alberto ACERNESE (Benevento)
Vittorio AMBROSINI (Avellino)
Francesco AMICO (Catania)
Vincenzo ARGANO (Palermo)
Pietro ARMIGLIATO (Verona)
Andrea AUDO (Alessandria)
Salvatore AZZARELLI (Catania)
Cesare BALDI (Avellino)
Marco BARBIERATO (Mestre)
Luigi BERTINATO (Rome)
Marco BOCCALATTE (Pozzuoli)
Roberto BONMASSARI (Trento)
Pietro BOSCARATO (Ancona)
Sandro BORTONE (Bari)
Giuseppe BOTTIGLIERI (Eboli)
Marianne BRODMANN (Graz)
Giuseppe BRUSCHI (Milan)
Gianluca CAIAZZO (Aversa)
Paolo CALABRO' (Caserta)
Roberto CANDELARI (Ancona)
Michele CAPASSO (Nola)
Stefano CAPOBIANCO (Avellino)
Giuliana CAPRETTI (Naples)
Giannignazio CARBONE (Avellino)
Antonio CAROZZA (Naples)
Gerardo CARPINELLA (Naples)
Domenico CARRETTA (Bari)
Anna CATTELAN (Padova)
Carlo CERNETTI (Treviso)
Paolo CHINA (Mestre)
Giuliano CHIZZOLA (Brescia)
Gianfranco CIARAMITARO (Palermo)
Emanuele CIGALA (Naples)
Riccardo CODECASA (Florence)
Antonio COLOMBO (Milan)
Andrea COLLI (Pisa)
Marco CONTARINI (Siracusa)
Enrico COSCIONI (Salerno)
Antonio CURNIS (Brescia)
Michele DAL LAGO (Trento)
Davide D'ANDREA (Naples)
Marisa DE FEO (Naples)
Antonio DELLO RUSSO (Ancona)
Stefano DE VIVO (Naples)
Ilenia DI LIBERO (Agrigento)
Bartolomeo DI BENEDETTO (Naples)
Emilio DI LORENZO (Avellino)
Antonio D'ONOFRIO (Naples)
Vittorio DORRUCCI (Mestre)
Igor DIEMBERGER (Bologna)
Emanuele DURANTE (Naples)

Giovanni ESPOSITO (Naples)
Geppina EUSEBIO (Eboli)
Giuseppe FAGGIAN (Verona)
Roberta FALCETTI (Rome)
Francesco FEDELE (Rome)
Ilaria FICARELLI (Naples)
Brenno FIORANI (Avellino)
Loris FLORA (Avellino)
Pasquale FRANCIOSA (Rome)
Gabriele GABRIELLI (Ancona)
Stefano GALLI (Milan)
Gino GEROSA (Padova)
A. GIOVAGNONI (Ancona)
Luca GOLINO (Aversa)
Paolo GOLINO (Naples)
Gianluca GONZI (Parma)
Angelo GRAFFIGNA (Trento)
Rosario GREGORIO (Caserta)
Pierfrancesco GROSSI (Ascoli)
Gabriele IANNELLI (Naples)
Sabino ILICETO (Padova)
Alfredo INTORCIA (Avellino)
Pietro LANDINO (Maddaloni)
Ugolino LIVI (Udine)
Ciro MAIELLO (Naples)
Donatella MANFREDI (Caserta)
Domenico MANGINO (Mestre)
Michele MANZO (Salerno)
Niccolò MARCHIONNI (Florence)
Lucio MARESCA (Naples)
Claudio MARRA (Naples)
Cinzia MARROZZINI (Bologna)
Eugenio MARTELLI (Naples)
Massimo MASSETTI (Rome)
Agostino MATTERA (Caserta)
Ciro MAURO (Naples)
Stefano MESSINA (Pozzuoli)
Aldo MILANO (Bari)
Fabio MINICUCCI (Naples)
Fabio MIRALDI (Rome)
Vittorio MONDA (Naples)
Andrea MONTALTO (Caserta)
Gianfranco MONTESI (Siena)
Elisabetta MOSCARELLA (Caserta)
Andi MUCAJ (Ancona)
Francesco MUSUMECI (Rome)
Massimo NAPODANO (Padova)
Giampaolo NICCOLI (Parma)
Felice NAPPI (Avellino)
Giampaolo NICCOLI (Parma)
Gerardo NIGRO (Naples)
Carlo OLEVANO (Avellino)

Davide PACINI (Bologna)
Ivana PARIGGIANO (Caserta)
Alessandro PAROLARI (Milan)
Augusto PAPPALARDO (Rome)
Gemma PELARGONIO (Rome)
Rocco PERROTTA (Caserta)
Roberto PARRELLA (Naples)
Adele PIERRI (Salerno)
Emanuele PILATO (Naples)
Orlando PIRO (Naples)
GianLuca POLVANI (Milan)
Domenico POTENZA (S. Giovanni R.)
Gaetano QUARANTA (Aversa)
Pietro QUARETTI (Pavia)
Antonio RAPACCIUOLO (Naples)
Luciano RIBICCHINI (Verona)
Mauro RINALDI (Turin)
Luciano RIZZO (Avellino)
Roberto RORDORF (Pavia)
Antonio ROSSILLO (Vicenza)
John RUNDBACK (Secaucus-NJ)
Enrico RUSSOLILLO (Naples)
Giorgio SACCHETTA (Siracusa)
Antonio SAGONE (Erba)
Loris SALVADOR (Vicenza)
Livio SANBIAGIO (Verona)
Matteo SANTAMARIA (Campobasso)
Gianpaolo SANTINI (Naples)
Giacomo SCHENAL (Verona)
Fortunato SCOTTO di UCCIO (Naples)
Pasquale SPADARO (Naples)
Leonardo SPEDICATO (Udine)
Fabio SPINETTI (Naples)
Christoph STARCK (Berlin)
Pier Luigi STEFANO (Florence)
Giuseppe TARANTINI (Padova)
Vincenzo TARZIA (Padova)
Sakis THEMISTOCLAKIS (Mestre)
On TOPAZ (USA)
Salvo TORRE (Palermo)
Francesco Paolo TRITTO (Caserta)
Andrea TUCCILLO (Naples)
Bernardo TUCCILLO (Naples)
Carlo TUMSCITZ (Ferrara)
Fabio URSOMANDO (Naples)
Francesco URRARO (Avellino)
Attilio VARRICCHIO (Naples)
Igor VENDRAMIN (Udine)
Carlo VIGNA (S. Giovanni Rotondo)
Luigi VIGNALI (Parma)
Gennaro VIGLIOTTI (Naples)
Gabriella VISCONTI (Pozzuoli)
Miguel VISCUSI (Caserta)



CARDIOVASCULAR
LASER SOCIETY



SCIENTIFIC PROGRAMME

9 May – Morning

9.00-13.30

SESSION 1: CORONARY COMPLEX LESIONS (9.00-10.00)

Chairmen: P. Calabrò, E. Di Lorenzo, B. Tuccillo, P. Golino

9.00 Coronary Complex Lesions: Actual Scenario(**G. Esposito**)

9.15 Imaging Role in Coronary Complex Lesions (**G. Tarantini**)

9.30 Lasers in Complex Scenarios (**V. Ambrosini**)

9.45 Discussion

Discussants: M. Boccalatte, M. Capasso, A. Varricchio

11.00 Coffee Break

SESSION 2: CORONARY NEW LASER GENERATION (10.00-11.00)

Chairmen: A. Colombo, G. Tarantini, O. Topaz, G. Galasso

10.00 New Generation Laser Properties (**P. Armigliato**)

10.15 Preliminary Results of Pilot FARO Study (**A. Intorcchia**)

10.30 **LIVE IN THE BOX CASES**

Presenter: V. Ambrosini- G.I.Carbone, M. Napodano

Discussants: G. Gabrielli ,C. Baldi, G. Bottiglieri, F. Minicucci, E. Moscarella

11.00 OPENING CERIMONY

**V. Ambrosini, M.C. Cantù, V. De Luca, A. D'onofrio, G. Esposito, G. Gerosa,
A. Giovagnoni, A. Parolari, R. Parrella**

SESSION 3: CORONARY LASER EXPERIENCES (11.15-13.30)

Chairmen: R. Bonmassari, C. Mauro, R. Perrotta, G. Chizzola

Complex Clinical Cases by Interventional Cardiology Units:

L. Golino, D. Manfredi, G. Eusebio, P. Spadaro, G. Carpinella, E. Cigala,

M. Dal Lago, A. Mucaj, L. Spedicato, G. Visconti

Discussants: G. Capretti, C. Cernetti, C. Vigna, S. Galli

13.30 Lunch



CARDIOVASCULAR
LASER SOCIETY



SCIENTIFIC PROGRAMME

9 May – Afternoon

14.30-18.00

SESSION 4: LASER IN ACUTE MIOCARDIAL INFARCTION (14.30-15.15)

Chairmen: F. Fedele, L. Bertinato, A. Colombo, S. Iliceto

14.30 Italian-Ami (F. Scotto di Uccio)

14.45 European Study in Horizon Europe platform: Euro-Ami (P. Armigliato)

Discussants: S. Messina, E. Russolillo, G. Quaranta, S. Capobianco

SESSION 5: ROUND TABLE- Laser, Shockwave, Rotablator in Coronary Complex Lesions: How to choose? (15.15-16.00)

Chairmen: V. Ambrosini, G. Tarantini, G. Esposito, M. Contarini

15.15 Laser (A. Colombo)

15.30 Shockwave (D. D'Andrea)

15.45 Rotablator (M. Boccalatte)

Discussants: G. Niccoli, V. Monda, G. Caiazza

16.00 Coffee Break

SESSION 6: LASER ROLE IN PERIPHERAL, BILIARY and RENAL DISEASES (16-17.00)

Chairmen: P. Armigliato, M. Brodmann, J. Rundback

16.00 Laser in peripheral use (R. Candelari)

16.15 Preliminary Results of New Generation Laser: STAR Study (L. Flora)

16.30 Biliary Disease: Dimension of Problem and Imaging (G. Schenal)

16.30 Laser in Biliary Disease: LASER-BEST Study (P. Boscarato)

16.45 Laser in Renal Artery Disease (O. Topaz)

Discussants: G. Santini, C. Acernese, L. Rizzo, P. Landino

SESSION 7: Peripheral, Biliary, Renal, Aortic Fenestratin Live in the Box Cases (17.00-18.00)

Chairmen: P. Armigliato, P. Quaretti, R. Candelari, B. Di Benedetto

Presenters: L. Flora, P. Boscarato, O. Topaz

Discussants: G. Vigliotti, L. Maresca, I. Ficarelli, E. Martelli



SCIENTIFIC PROGRAMME

10 May – Morning

9.00-13.30

SESSION 8: CARDIAC LEAD INFECTIONS (9.00-10.00)

Chairmen: G. Ciaramitaro, A. D'Onofrio, S. Themistoclakis, R. Parrella

9.00 How to prevent CIED infections (**G. Nigro**)

9.15 Microbiological diagnosis of infections and optimal treatment (**A. Cattelan**)

9.30 Timing of the extraction procedure and replanting of infected CIEDs
(**A. Rapacciuolo**)

9.45 In the presence of large vegetations, is the extraction always indicated?
(**I. Diemberger**)

Discussants: D. Carretta, M. Manzo, F. Nappi, E. Durante

10.00 Coffee Break

SESSION 9: CARDIAC LEAD VEGETATIONS – ANGIOVAC (10.20-11.30)

Chairmen: U. Livi, D. Pacini, M. De Feo, G. Gerosa, A. Milano

10.20 The Angiovac System for cardiac maxes removal (**V. Tarzia**)

10.40 Complex Clinical Case Presentations :

I. Diemberger, D. Mangino, G. Pelargonio

Discussants: B. Fiorani, F. Tritto, F. Miraldi, L. Salvador

SESSION 10: LEAD EXTRACTION – LASER EXPERIENCES (11.30-13.30)

Chairmen: V. Argano, M. Viscusi, A. Sagone, E. Coscioni

11.30 How to prevent and manage complications (**A. Dello Russo**)

11.50 Strategies in high complex procedures (**S. De Vivo**)

12.10 High Volume Centers Experience:

**P.China, G. Gonzi, P. Franciosa, S. Torre, R. Rordorf, A. Pappalardo,
A. Rossillo, D. Potenza**

Discussants: M. Santamaria, R. Falcetti, F. Urraro, A. Mattera

13.30 Lunch



CARDIOVASCULAR
LASER SOCIETY



SCIENTIFIC PROGRAMME

10 May – Afternoon

14.15-17.30

SESSION 11: TRICUSPID VEGETATIONS – ANGIOVAC (14.15-15.15)

Chairmen: A. Carozza, G. Polvani, P. Stefano, A. Parolari, C. Marra

14.15 Right-sided valvular endocarditis: Clinical contexts and microbiological profile (**V. Tarzia**)

14.30 Valvular endocarditis in intravenous drug users: changes, challenges, chances (**F. Ursomando**)

14.45 Use of AngioVac for Removal of Tricuspid Valve Vegetation (**I. Pariggiano**)

Discussants: G. Iannelli, R. Gregorio, F. Musumeci

SESSION 12: ANGIOVAC ROLE IN HEART MASS AND PE (15.15-16.30)

Chairmen: G. Bruschi, E. Pilato, M. Massetti, A. Montalto

Centers Experience:

15.15 – 16.00 **R. Codecasa, L. Sanbiagio**

16.00 Angiovac F18 in Pulmonary Embolism: Pilot Study (**P. Armigliato**)

Discussants: C. Olevano, G. Montesi, A. Audo, A. Colli, A. Graffigna

SESSION 13: ANGIOVAC EUROPEAN EXPERIENCE:

16.30 **Presenters:** M. Starck, G. Gerosa, P. Armigliato

CONCLUSIONS (17.30)

V. Ambrosini, P. Armigliato, R. Candelari, S. De Vivo, G. Gerosa



TOPICS:

- **Coronary Complex Lesions**
 - Severe Calcific Lesions
 - In-stent Restenosis
 - Long Lesions
 - Stent Ipo-expansions
 - Balloon Failures
 - CTO
 - AMI Treatment
- **Micro-Invasive Cardiac Surgery**
 - Tricuspid Vegetations
 - Cardiac and IVC tumor and thrombo-embolic masses
 - Cardiac Lead Vegetations
- **Cardiac Lead Extractions**
- **Peripheral Complex Lesions**
 - SFA Lesions
 - Below the knee Lesions
 - Limb salvage in diabetic foot
- **Biliary Ducts Lesions**
- **Live-in-the-box Coronary, Peripheral and Cardiac Lead Extraction Cases**



CARDIOVASCULAR
LASER SOCIETY



General Informations:

Location: School of Medicine, Federico II Naples University Congress Center, Main Room Partenope - Naples – Italy.

Language: Italian and English.

Registration: Registration is free by sending the special registration form at:

segreteria.cardiovascularlasersociety@hotmail.com

ECM: The event is being accredited for n. 200 doctors for the following disciplines: Cardiology, Cardiac Surgery, Vascular Surgery, Radiology, Emergency Medicine, for 50 Cardiology, Radiology and Perfusion Technicians and for 50 Nurses.

The credits will be assigned to those who have attended at the two days, compiled and exceeded the evaluation questionnaire.

Organizative Secretary: Cardiovascular Laser Society (CLS)

segreteria.cardiovascularlasersociety@hotmail.com

www.cardiovascularlasersociety.com



CARDIOVASCULAR
LASER SOCIETY



Under the Patronage of:

Italian Health Ministry

Italian Research and University Ministry

Italian Society of Cardiac Surgery (SICCH)

College of Full Professors of Cardiac Surgery

Associazione Medici Cardiologi Ospedalieri (ANMCO)

Italian Society of Interventional Cardiology (GISE)

Italian Society of Medical Radiology (SIRM)

Italian Association of Arrhythmology (AIAC)

Italian Society of Vascular Surgery (SICVE)

Società Italiana di Medicina Infettiva e Tropicale (SIMIT)

Federico II Naples University

Campania Region

www.cardiovascularlasersociety.com