



NEW FRONTIERS (NFs) *in* INTERVENTIONAL RADIOLOGY and ENDOVASCULAR THERAPY

“you cannot discover new horizons without innovation”

in-terventional
in-subria
in-novation
in-travascular
in-terdisciplinary
in-ternational



Sistema Socio Sanitario



Regione
Lombardia

ASST Sette Laghi

Polo Universitario

www.incongressnewfrontiers.it





Società Italiana di
Radiologia Medica
e Interventistica



Società Italiana di Chirurgia
Vascolare ed Endovascolare



Società Italiana di Cardiologia Interventistica

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(Scientific Coordinator)

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in-WELCOME GREETINGS

Welcome to the second edition of *in*-congress (*in*-terventional, *in*-subria, *in*-novation, *in*-travascular, *in*-terdisciplinary, *in*-ternational):

New Frontiers in Interventional Radiology and Endovascular Therapy, a meeting focused on Innovation, aimed at Radiologists, Vascular Surgeons, Cardiologists and Neuroradiologists.

in-SCIENTIFIC PROGRAM

The *in*-scientific program is planned to collect and spread all the most recent innovations. Technological innovations, clinical innovations, novel applications of conventional techniques will be highlighted and discussed by a truly qualified faculty composed of the best Italian radiologists, vascular surgeons, cardiologists, neuroradiologists and some international leaders.

The program includes 10 scientific *in*-sessions (1-10), 4 *in*-terdisciplinary *in*-sessions (A-D), 8 *in*-key lectures (4 *in*-key honorary lectures, 4 *in*-key interdisciplinary lectures), 2 *in*-dustry focuses, a final *in*-novation challenge. Each scientific *in*-session will last one hour with alternating 4 speakers and 4 discussants and a final general discussion involving 2 moderators and audience (*see in-session modalities, recommendations for moderators/speakers/discussants and slides preparation*).

in-NOVATION CHALLENGE (New frontiers of the next generation)

At the end of the scientific program, 12 innovative scientific communications selected by 3 experts for each competition will be briefly presented and finally voted by the audience. The best 4 “innovators” for interventional/endovascular radiology, neuroradiology, cardiology and vascular surgery will be awarded at the end of the *in*-congress (*see in-innovation challenge rules*).

in-ENTERTAINMENT

All the participants will be immersed in an innovative atmosphere made of images, sounds, flavours, which we hope will make the intervals between presentations more enjoyable (*see in-entertainment organization*).

Angiletta Domenico (Bari)
Antonello Michele (Padova)
Anzalone Nicoletta (Milano)
Ascenti Velio (Milano)
Baccellieri Domenico (Milano)
Barbieri Lucia (Milano)
Bargellini Irene (Candiolo)
Bashir Mohamad (Cardiff, UK)
Basile Antonello (Catania)
Bassi Sara (Genova)
Benedetto Filippo (Messina)
Bergui Mauro (Torino)
Bertoglio Luca (Brescia)
Biondetti Pierpaolo (Milano)
Brambilla Nedy (San Donato Milanese)
Cabrini Luca (Varese)
Cacioppa Laura Maria (Ancona)
Calandri Marco (Torino)
Candelari Roberto (Ancona)
Cappelli Alberta (Bologna)
Cariati Maurizio (Milano)
Carrafiello Gianpaolo (Milano)
Carriero Serena (Milano)
Castiglioni Battistina (Varese)
Cervarolo Maria Cristina (Varese)
Cervelli Rosa (Pisa)
Chiesa Roberto (Milano)
Cioni Roberto (Pisa)
Cirillo Luigi (Bologna)
Colombo Antonio (Milano)
Conte Giorgio (Milano)
Coppola Andrea (Varese)
Craparo Giuseppe (Palermo)
Crocetti Laura (Pisa)
D'Angelo Tommaso (Messina)
D'Oria Mario (Trieste)
Da Ros Valerio (Roma)

De Angelis Giuseppe (Rho)
De Cobelli Francesco (Milano)
de Donato Gianmarco (Siena)
De Ponti Roberto (Varese)
Dehò Federico (Varese)
Di Cesare Ernesto (L'Aquila)
Discalzi Andrea (Torino)
Esposito Antonio (Milano)
Facchini Giancarlo (Bologna)
Faiella Eliodoro (Roma)
Fazzini Stefano (Roma)
Fedele Francesco (Roma)
Ferlini Marco (Pavia)
Floridi Chiara (Ancona)
Fonio Paolo (Torino)
Fontana Federico (Varese)
Galli Stefano (Milano)
Gallitto Enrico (Bologna)
Gandolfo Nicoletta (Genova)
Gargiulo Mauro (Bologna)
Giampalma Emanuela (Forlì)
Gioppo Andrea (Milano)
Giorgianni Andrea (Varese)
Giovagnoni Andrea (Ancona)
Giurazza Francesco (Napoli)
Grasso Rosario Francesco (Roma)
Grego Franco (Padova)
Ierardi Anna Maria (Milano)
Iezzi Roberto (Roma)
Kahlberg Andrea (Milano)
La Manna Alessio (Catania)
Laganà Domenico (Catanzaro)
Lanza Carolina (Milano)
Leni Davide (Monza)
Loffroy Romaric (Dijon, France)
Lombardi Giulio (Avellino)
Lucatelli Pierleone (Roma)

Macchi Andrea (Lonate Pozzolo)
Mangiafico Salvatore (Firenze)
Mansueto Giancarlo (Verona)
Manzi Marco (Abano Terme)
Marchianò Alfonso (Milano)
Marcia Stefano (Cagliari)
Mardighian Dikran (Brescia)
Marra Paolo (Bergamo)
Martinoni Alessandro (Vigevano)
Mascia Daniele (Milano)
Massaro Gianluca (Roma)
Mauri Giovanni (Milano)
Melchiorre Fabio (Melegnano)
Melissano Germano (Milano)
Michelagnoli Stefano (Firenze)
Micieli Camilla (Legnano)
Midulla Marco (Dijon, France)
Migliorisi Carmelo (Legnano)
Minici Roberto (Catanzaro)
Moramarco Lorenzo Paolo (Como)
Mosconi Cristina (Bologna)
Musumeci Giuseppe (Torino)
Niola Raffaella (Napoli)
Occhipinti Michele (Varese)
Paci Enrico (Ancona)
Patanè Domenico (Catania)
Pellegrini Dario (Milano)
Pellegrino Carlo (Varese)
Perini Paolo (Parma)
Piacentino Filippo (Varese)
Piano Mariangela (Milano)
Piazza Michele (Padova)
Piffaretti Gabriele (Varese)
Poli Arnaldo (Legnano)
Pratesi Giovanni (Genova)
Pulli Raffaele (Firenze)
Pusceddu Claudio (Cagliari)

Rebonato Alberto (Pesaro)
Renzulli Matteo (Forlì)
Rossi Michele (Roma)
Rossi Umberto (Genova)
Rossini Roberta (Cuneo)
Sallemi Claudio (Brescia)
Sarnari Diego (Milano)
Setacci Francesco (Enna)
Sirignano Pasqualino (Roma)
Spagnolo Pietro (San Donato Milanese)
Speziali Sara (Firenze)
Splendiani Alessandra (L'Aquila)
Sponza Massimo (Udine)
Spreafico Carlo (Milano)
Taurino Maurizio (Roma)
Terrani Simone (Milano)
Tozzi Matteo (Varese)
Trimarchi Santi (Milano)
Tshomba Yamume (Roma)
Ucci Alessandro (Paderno Dugnano)
Valente Serafina (Siena)
Valvassori Luca (Milano)
Veltri Andrea (Torino)
Venturini Massimo (Varese)
Verzini Fabio (Torino)
Vizzari Francesco (Varese)

***in*-congress opening, first day**

7.45	Participants registration
8.25	Video-clip <i>in</i> -congress new frontiers opening
8.28	Video-clip <i>in</i> -subria
8.30	<i>in</i> -congress opening, first day <i>Emanuele Monti (President of the Lombard Region Health Commission)</i>
8.34	Greetings Local Authorities <i>Maria Pierro (Insubria University, Rector)</i> <i>Giuseppe Micale (ASST-Settelaghi, General Manager Director)</i> <i>Giulio Carcano (Insubria University, DIMIT Director)</i>
8.43	Greetings <i>in</i> -Presidents <i>Federico Fontana</i> <i>Massimo Venturini</i>

in*-key honorary lecture 1 (Radiologist)*Moderator:** Massimo Venturini

8.47	Glue-embolization: innovative applications and strategies <i>Speaker: Romaric Loffroy</i>
8.57	Video-clip <i>in</i> -session 1

in-session 1

NFs IN INTERVENTIONAL ONCOLOGY: TEXTBOOK (LONG-TERM) OUTCOME IN LIVER LESIONS MANAGEMENT

Moderators: *Laura Crocetti, Giancarlo Mansueto*

09.00	Textbook outcome after TARE in unresectable HCC Speaker: <i>Irene Bargellini</i> , Discussant: <i>Alberta Cappelli</i>
09.11	Textbook outcome after TACE in unresectable HCC Speaker: <i>Carlo Spreafico</i> , Discussant: <i>Cristina Mosconi</i>
09.22	Long-term outcome of balloon-occluded TACE in unresectable HCC Speaker: <i>Pierleone Lucatelli</i> , Discussant: <i>Roberto Iezzi</i>
09.33	Textbook outcome after hepatectomy and intraoperative MWA for colorectal liver metastases Speaker: <i>Francesco De Cobelli</i> , Discussant: <i>Claudio Sallemi</i>
09.44	General Discussion
09.57	Video-clip in-session 2

in-session 2

NFs IN INTERVENTIONAL ONCOLOGY: COMBINED STRATEGIES AND OUTCOME PREDICTIVE FACTORS IN LIVER LESIONS MANAGEMENT

Moderators: *Roberto Cioni, Alfonso Marchianò*

10.00	Combined TARE and immunotherapy in HCC management Speaker: <i>Alberta Cappelli</i> , Discussant: <i>Laura Maria Cacioppa</i>
10.11	Combined TARE or TACE and immunotherapy in cholangiocarcinoma management Speaker: <i>Cristina Mosconi</i> , Discussant: <i>Irene Bargellini</i>
10.22	"Hug sign" at CBCT to predict short-term response to combined MWA and TACE Speaker: <i>Roberto Iezzi</i> , Discussant: <i>Pierpaolo Biondetti</i>
10.33	Inflammation-based scores as predictive factors for a successful TACE Speaker: <i>Roberto Minici</i> , Discussant: <i>Giulio Lombardi</i>
10.44	General Discussion
10.57	Video-clip in-session 3

in-session 3**NFs IN INTERVENTIONAL ONCOLOGY: INNOVATIVE STRATEGIES IN EXTRA-HEPATIC PERCUTANEOUS ABLATIONS****Moderators:** *Rosario Francesco Grasso, Andrea Veltri*

11.00	Innovative strategies in lung nodules ablation Speaker: <i>Marco Calandri</i> , Discussant: <i>Serena Carriero</i>
11.11	Innovative strategies in renal nodules ablation Speaker: <i>Eliodoro Faiella</i> , Discussant: <i>Andrea Coppola</i>
11.22	Innovative strategies in malignant thyroid nodules ablation Speaker: <i>Giovanni Mauri</i> , Discussant: <i>Rosa Cervelli</i>
11.33	Innovative combined treatments in bone metastases ablation Speaker: <i>Claudio Pusceddu</i> , Discussant: <i>Lorenzo Paolo Moramarco</i>
11.44	General Discussion
11.57	Video-clip in-session 4

in-session 4**NFs IN TRANS-ARTERIAL EMBOLIZATION: INNOVATIVE INDICATIONS, STRATEGIES AND EMBOLIC AGENTS****Moderators:** *Roberto Candelari, Raffaella Niola*

12.00	Genicular arteries Speaker: <i>Michele Rossi</i> , Discussant: <i>Giancarlo Facchini</i>
12.11	Prostatic arteries Speaker: <i>Emanuela Giampalma</i> , Discussant: <i>Marco Midulla</i>
12.22	Peripheral arteries Speaker: <i>Francesco Giurazza</i> , Discussant: <i>Alberto Rebonato</i>
12.33	Pelvic AVMs Speaker: <i>Andrea Discalzi</i> , Discussant: <i>Enrico Paci</i>
12.44	General Discussion
12.57	Video-clip CF: a brief memory of Carlo Fugazzola "That time when...": <i>Gianpaolo Carrafiello, Federico Fontana, Domenico Laganà, Giancarlo Mansueto</i>
13.02	Video-clip RG: a brief memory of Rita Golfieri "That time when...": <i>Alberta Cappelli, Emanuela Giampalma, Cristina Mosconi, Matteo Renzulli</i>
13.07	Lunch
14.00	Video-clip in-terdisciplinary sessions

in-session A

in-terdisciplinary NFs: AI AND TECHNOLOGICAL ADVANCEMENTS FOR DIFFERENT ENDOVASCULAR SPECIALISTS

Moderators: *Francesco Fedele, Nicoletta Gandolfo, Franco Grego, Alessandra Splendiani*

in-key interdisciplinary lecture A (Radiologist)

14.02	Video-clip in-session A
14.05	AI in radiology and interdisciplinary considerations Speaker: <i>Andrea Giovagnoni</i> , presented by <i>Nicoletta Gandolfo</i>
14.15	AI in treatment planning and outcome prediction of liver lesions interventional management Speaker: <i>Gianpaolo Carrafiello</i> , Discussant: <i>Nicoletta Gandolfo</i>
14.26	AI and perfusion softwares in endovascular management of ischemic stroke Speaker: <i>Luigi Cirillo</i> , Discussant: <i>Alessandra Splendiani</i>
14.37	AI and computational fluid dynamics analysis in treatment planning and outcome prediction of aortic aneurysms endovascular management Speaker: <i>Santi Trimarchi</i> , Discussant: <i>Franco Grego</i>
14.48	IVUS and OCT in cardiovascular imaging Speaker: <i>Dario Pellegrini</i> , Discussant: <i>Francesco Fedele</i>

in-session B

in-terdisciplinary NFs: ADVANTAGES OF HYBRID ROOMS AVAILABILITY FOR DIFFERENT ENDOVASCULAR SPECIALISTS

Moderators: *Gianpaolo Carrafiello, Luigi Cirillo, Giuseppe De Angelis, Fabio Verzini*

in-key interdisciplinary lecture B (Vascular Surgeon)

14.59	Video-clip in-session B
15.02	New insights and technical innovations for thoraco-abdominal aortic dissection endovascular management and re-intervention options Speaker: <i>Germano Melissano, presented by Fabio Verzini</i>
15.12	Combined electrosurgical septotomy and BEVAR for complex post dissection thoraco-abdominal aortic aneurysms Speaker: <i>Giovanni Pratesi, Discussant: Fabio Verzini</i>
15.23	Combined endovascular and cardio-surgical management of complex coronary diseases Speaker: <i>Battistina Castiglioni, Discussant: Giuseppe De Angelis</i>
15.34	Combined interventional and surgical management of different thoraco-abdominal diseases Speaker: <i>Paolo Fonio, Discussant: Gianpaolo Carrafiello</i>
15.45	Combined endovascular and neuro-surgical management of complex cerebral aneurysm Speaker: <i>Mariangela Piano, Discussant: Luigi Cirillo</i>
15.56	Video-clip in-dustry focus

in-dustry focus first day (NON-CME PROGRAM)

Moderators: Enrico Gallitto, Filippo Piacentino

15.57	PHILIPS Philips Spectral CT: make the invisible visible Speaker: <i>Simone Terrani</i>
16.07	BOSTON SCIENTIFIC Past, present and future of Cryoablation Speaker: <i>Rosario Francesco Grasso</i>
16.17	TERUMO Advancing TACE with BioPearl: resorbable innovative microspheres Speaker: <i>Roberto Iezzi</i>
16.37	 Gore Gore® TAG® Thoracic Branch Endoprosthesis: the new simplified, minimally invasive zone 2 TEVAR devices Speaker: <i>Giovanni Pratesi</i>
16.47	MEDTRONIC New strategies in type 2 endoleak treatment with Onyx Speaker: <i>Andrea Discalzi</i>

16.57	Video-clip in-session 5
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in-session 5**NFs IN CORONARIC AND AORTIC ENDOVASCULAR PROCEDURES PLANNING AND/OR MONITORING: INNOVATIVE CT TECHNOLOGIES AND RECONSTRUCTION SOFTWARES****Moderators:** *Ernesto Di Cesare, Chiara Floridi*

17.00	Photon-counting CT in coronary arteries plaque characterization and stent patency ultra-high resolution assessment Speaker: <i>Antonio Esposito</i> , Discussant: <i>Pietro Spagnolo</i>
17.11	Dual-layer Spectral CT in coronary arteries plaque characterization and cardiac ischemic areas assessment Speaker: <i>Tommaso D'Angelo</i> , Discussant: <i>Filippo Piacentino</i>
17.22	Dual-layer Spectral CT in aortic endovascular procedures planning/monitoring: multimodal reconstructions allowing information increase and contrast reduction Speaker: <i>Federico Fontana</i> , Discussant: <i>Velio Ascenti</i>
17.33	CTA and 3D-printed models reconstructions in aortic endovascular procedures planning Speaker: <i>Paolo Perini</i> , Discussant: <i>Santi Trimarchi</i>
17.44	General Discussion
17.58	Video-clip in-session 6

in-session 6

NFs IN INTERVENTIONAL AND ENDOVASCULAR STRUCTURAL/CARDIAC PROCEDURES: INNOVATIVE STRATEGIES AND APPLICATIONS

Moderators: Valerio Da Ros, Arnaldo Poli

18.00	Percutaneous electrochemotherapy (ECHT) in the treatment of tumors and Arterio Venous Malformations (AVMs). Preliminary technical and clinical notes Speaker: Rosario Francesco Grasso, Discussant: Matteo Renzulli
18.11	Percutaneous interspinous devices: safety, efficacy, removal and replacement Speaker: Stefano Marcia, Discussant: Francesco Vizzari
18.22	Mitral valve transcatheter edge-to-edge repair: clinical, echocardiographic and functional mid-term outcome Speaker: Nedy Brambilla, Discussant: Michele Occhipinti
18.33	Valve-in-valve transcatheter aortic valve implantation: the issues behind crossing a bioprosthesis Speaker: Marco Ferlini, Discussant: Michele Occhipinti
18.44	General Discussion

in-key honorary lecture 2 (Neuroradiologist)

Moderator: Andrea Giorgianni

18.57	Cerebral AVMs endovascular management: which approaches, which embolic agents? Speaker: Salvatore Mangiafico
19.07	Greetings Local Charities Nicoletta Caverzasio Ferloni (Varese per l'Oncologia, ODV Varese) Emanuela Crivellaro (Il Ponte del Sorriso, ETS) Ilaria Mai (L'Alveare, ODV Buguggiate) Adele Patrini (C.A.O.S., Centro Ascolto Operate al Seno, ODV Varese)
19.09	Video-clip Local Charities
19.10	Video-clip in-congress new frontiers closure

in-congress opening, second day

7.45	Participants registration
8.25	Video-clip <i>in-congress new frontiers opening</i>
8.28	Video-clip <i>in-subria</i>
8.30	<i>in-congress opening, second day</i> <i>Davide Galimberti (Mayor of Varese)</i>
8.34	Greetings Local Authorities <i>Umberto Piarulli (Insubria University, Pro-Rector)</i> <i>Adelina Salzillo (ASST-Settelaghi, Chief Medical Officer)</i> <i>Luigina Guasti (Insubria University, DMC Director)</i>
8.43	Greetings in-Presidents <i>Gabriele Piffaretti</i> <i>Matteo Tozzi</i>

in-key honorary lecture 3 (Vascular Surgeon)**Moderator:** *Maurizio Taurino*

8.47	"Time is aorta" in uncomplicated type B aortic dissection: insights from a European multicenter cross-sectional study Speaker: <i>Mohamad Bashir</i>
8.57	Video-clip <i>in-session 7</i>

in-session 7

NFs IN ANEURYSMS ENDOVASCULAR MANAGEMENT: WHAT IS NEW?

Moderators: *Maurizio Cariati, Roberto Chiesa*

9.00	Fenestrated physician-modified endografts in complex aortic aneurysms Speaker: <i>Michele Piazza</i> , Discussant: <i>Mario D'Oria</i>
9.11	Full-endovascular options in aortic arch aneurysms: physician modified vs custom made endografts Speaker: <i>Andrea Kahlberg</i> , Discussant: <i>Sara Speziali</i>
9.22	Advanced imaging techniques in pre-operative, intra-operative and post-operative aortic aneurysms endovascular management Speaker: <i>Luca Bertoglio</i> , Discussant: <i>Federico Fontana</i>
9.33	Multimodal and combined approaches in visceral artery aneurysms and pseudoaneurysms Speaker: <i>Massimo Venturini</i> , Discussant: <i>Carolina Lanza</i>
9.44	General Discussion
9.57	Video-clip in-session 8

in-session 8

NFs IN PERIPHERAL OCCLUSIVE DISEASES MANAGEMENT: WHAT IS NEW?

Moderators: *Domenico Laganà, Raffaele Pulli*

10.00	Stent choice in femoro-popliteal district Speaker: <i>Filippo Benedetto</i> , Discussant: <i>Daniele Mascia</i>
10.11	IVL role in femoro-popliteal district Speaker: <i>Stefano Fazzini</i> , Discussant: <i>Stefano Michelagnoli</i>
10.22	Mid Long-term outcome in percutaneous deep-vein arterialization in no option patients with CLTI Speaker: <i>Alessandro Ucci</i> , Discussant: <i>Fabio Melchiorre</i>
10.33	Impact of “Woundosome” concept on procedural outcome in CLTI Speaker: <i>Marco Manzi</i> , Discussant: <i>Carmelo Migliorisi</i>
10.44	General Discussion
10.57	Video-clip in-session 9

in-session 9**NFs IN MECHANICAL THROMBECTOMY: WHAT IS NEW?****Moderators:** *Lucia Barbieri, Massimo Sponza*

11.00	Mechanical thrombectomy in acute limb ischemia: indications and combined strategies Speaker: <i>Gianmarco de Donato</i> , Discussant: <i>Francesco Setacci</i>
11.11	Mechanical thrombectomy in pulmonary embolism: indications and combined strategies Speaker: <i>Anna Maria Ierardi</i> , Discussant: <i>Luca Cabrini</i>
11.22	Mechanical thrombectomy in distal cerebral arteries and in low NIHSS Speaker: <i>Giuseppe Craparo</i> , Discussant: <i>Umberto Rossi</i>
11.33	Mechanical thrombectomy in cerebral venous sinus: when and why? Speaker: <i>Andrea Gioppo</i> , Discussant: <i>Camilla Micieli</i>
11.44	General Discussion
11.57	Video-clip <i>in-session 10</i>

in-session 10

NFs IN DRUG-ELUTING TECHNOLOGY: WHAT IS NEW?

Moderators: Antonio Colombo, Matteo Tozzi

12.00	New frontiers of DES in CTO Speaker: Alessio La Manna, Discussant: Lucia Barbieri
12.11	New frontiers of DEB in complex PCI Speaker: Stefano Galli, Discussant: Alessandro Martinoni
12.22	New frontiers of DEB in failing hemodialytic arterio-venous fistulas Speaker: Domenico Patanè, Discussant: Maria Cristina Cervarolo
12.33	New frontiers of DEB in erectile dysfunction Speaker: Gianluca Massaro, Discussant: Federico Dehò
12.44	General Discussion

in-key honorary lecture 4 (Cardiologist)

Moderator: Andrea Macchi

12.57	Drug-coated balloons in coronary artery diseases Speaker: Antonio Colombo
13.07	Lunch
14.00	Video-clip in-terdisciplinary sessions

in-session C**in-terdisciplinary NFs: INNOVATIVE STRATEGIES/DEVICES IN LIFE-SAVING PROCEDURES IN EMERGENCY FOR DIFFERENT ENDOVASCULAR SPECIALISTS****Moderators:** *Battistina Castiglioni, Mauro Gargiulo, Giancarlo Mansueto, Luca Valvassori***in-key interdisciplinary lecture C (Cardiologist)**

14.02	Video-clip <i>in-session C</i>
14.05	Expanding treatment era: the challenges of redo-trascatheter aortic valve replacement Speaker: <i>Giuseppe Musumeci, presented by Battistina Castiglioni</i>
14.15	Innovative strategies in cardiogenic shock endovascular management Speaker: <i>Serafina Valente, Discussant: Battistina Castiglioni</i>
14.26	Interventional radiological and interdisciplinary management in emergency of acute mesenteric ischemia Speaker: <i>Antonello Basile, Discussant: Giancarlo Mansueto</i>
14.37	Innovative devices in hemorrhagic stroke Speaker: <i>Dikran Mardighian, Discussant: Luca Valvassori</i>
14.48	Off-the-shelf preloaded inner branch devices for urgent endovascular thoraco-abdominal aortic repair Speaker: <i>Michele Antonello, Discussant: Mauro Gargiulo</i>

in-session D

in-terdisciplinary NFs: INNOVATIVE STRATEGIES/DEVICES IN COMPLEX ELECTIVE PROCEDURES FOR DIFFERENT ENDOVASCULAR SPECIALISTS

Moderators: Nicoletta Anzalone, Roberto De Ponti, Yamume Tshomba, Massimo Venturini

in-key interdisciplinary lecture D (Neuroradiologist)

14.59	Video-clip <i>in-session D</i>
15.02	CSF-venous leak responsible for spontaneous intracranial hypotension treated by endovascular venous route Speaker: Mauro Bergui, presented by Nicoletta Anzalone
15.12	Flow-diverting stent in complex cerebral aneurysms Speaker: Luca Valvassori, Discussant: Nicoletta Anzalone
15.23	Innovative devices in complex highly calcified coronary stenoses Speaker: Lucia Barbieri, Discussant: Roberto De Ponti
15.34	Combined strategies and approaches in ilio-caval obstruction recanalization Speaker: Domenico Baccellieri, Discussant: Yamume Tshomba
15.45	Combined strategies and approaches in complex TIPS in pediatric patients Speaker: Paolo Marra, Discussant: Massimo Venturini
15.56	Video-clip <i>in-dustry focus</i>

in-dustry focus second day (NON-CME PROGRAM)Moderators: *Andrea Macchi, Carlo Pellegrino*

15.57	PENUMBRA Innovative approaches to thrombus removal: Penumbra CAVT Speaker: <i>Davide Leni</i>
16.07	AB MEDICA Mechanical Thrombectomy in Thrombosed Vascular Access: New Possibilities Speaker: <i>Matteo Tozzi</i>
16.17	BD 25 years of Rotarex™ S legacy: past, present and future Speaker: <i>Diego Sarnari</i>
16.27	CORDIS INNOVATION in drug eluting technology: why DCB, why Limus, why SELUTION SLR™ DEB Speaker: <i>Stefano Galli</i>
16.37	COOK Recent evidence on the ZILVER PTX for femoro-popliteal lesions in real-world practice Speaker: <i>Gianmarco de Donato</i>
16.47	TELEFEX The usage of Manta for large bore closure Speaker: <i>Sara Bassi</i>
16.57	Video-clip <i>The next generation</i>

in-novation challenge “New frontiers of the next generation”

in-BEST INNOVATIVE **C**ARDIOLOGICAL COMMUNICATION

Moderators: Lucia Barbieri, Marco Ferlini, Roberta Rossini

17.00	HydroDynamic contrast Recanalization (HDR): description of a new crossing technique for coronary chronic total occlusions Daniele Oreste d'Atri (Milano) Selected by Lucia Barbieri
17.04	Percutaneous drug-eluting balloon treatment of patients with vasculogenic erectile dysfunction Gianluca Massaro (Roma) Selected by Marco Ferlini
17.08	Preventing ischemic stroke during TAVR: clinical experience with the Sentinel cerebral embolic protection device Valentina Vinco (Varese) Selected by Roberta Rossini

in-BEST INNOVATIVE **N**EURO-RADIOLOGICAL COMMUNICATION

Moderators: Giorgio Conte, Giuseppe Craparo, Valerio Da Ros

17.12	Outcomes of elective intracranial stenosis stenting: a single-center experience Marco Cervelli (Milano) Selected by Giorgio Conte
17.16	Beyond coiling: the WEB intrasaccular device as a versatile first-line option for wide-necked aneurysms Claudio Chirico (Varese) Selected by Giuseppe Craparo
17.20	Experience of 300 patients: our experience in magnetic resonance guided focused ultrasound thalamotomy (MRgFUS) for essential tremor and Parkinson's disease tremor Antonio Innocenzi (L'Aquila) Selected by Valerio Da Ros

in-BEST INNOVATIVE RADIOLOGICAL COMMUNICATION**Moderators:** Marco Calandri, Paolo Marra, Cristina Mosconi

17.24	Bronchial artery embolization for the treatment of hemoptysis. Permanent versus temporary embolic materials: a single-center study Chiara Longo (Bologna) Selected by Marco Calandri
17.28	Comparison of transradial and transfemoral approaches in prostatic artery embolization Edon Xhepa (Milano) Selected by Paolo Marra
17.32	CT hepatic arteriography for improved detection and ablation of occult HCC nodules: a retrospective analysis Carlotta Gargiulo (Milano) Selected by Cristina Mosconi

in-BEST INNOVATIVE VASCULAR SURGICAL COMMUNICATION**Moderators:** Domenico Angiletta, Gabriele Piffaretti, Pasqualino Sirignano

17.36	Management of ilio caval vein injury by endovascular procedure Chiara Barillà (Messina) Selected by Domenico Angiletta
17.40	Outcomes of EVAR in patients under 65 years: multicenter experience Andrea Sante Cucci (Bari) Selected by Gabriele Piffaretti
17.44	Evolving endovascular solutions for zone 2 aortic arch lesions: a single-center experience with left carotid-subclavian bypass, modified endografts, and single-branch TEVAR Enrica Bosio (Genova) Selected by Pasqualino Sirignano

VOTES, AWARDS AND PHOTOS

17.48	<i>in</i> -BEST INNOVATIVE CARDIOLOGICAL COMMUNICATION
17.50	<i>in</i> -BEST INNOVATIVE NEURO-RADIOLOGICAL COMMUNICATION
17.52	<i>in</i> -BEST INNOVATIVE RADIOLOGICAL COMMUNICATION
17.54	<i>in</i> -BEST INNOVATIVE VASCULAR SURGICAL COMMUNICATION
17.57	Video-clip <i>in</i> -congress new frontiers closure

in-congress CLOSING

18.00	Thanks and Greetings <i>Federico Fontana, Gabriele Piffaretti, Matteo Tozzi, Massimo Venturini</i>
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...thank you for participating!
We look forward to welcoming you
to the next *in*-congress in 2027!

in-session modalities, recommendations for moderators/speakers/discussants and slides preparation

In-congress ("New frontiers in interventional radiology and endovascular therapy") includes 14 *in-sessions* (10 scientific *in-sessions*, 4 interdisciplinary *in-sessions*), 8 *in-key* lectures (4 *in-key* honorary lectures, 4 *in-key* interdisciplinary lectures), 2 *in-dustry* focus and 1 final *in-novation* challenge. Each one-hour scientific *in-session* consists of 4 presentations with 2 moderators, 4 speakers and 4 discussants. Each speaker has 8 minutes to present their slides (slides in English, talk in Italian or English). At the beginning of each session discussants will sit at the panel table together with the moderators. At the end of each presentation 3 minutes will be dedicated to a short discussion between the discussant and the speaker. The discussant may ask the speaker up to 2 questions before moving on to the next presentation. At the end of the 4 presentations, the moderators will open the general discussion, which will last up to 13 minutes. They are expected to ask questions and engage the audience in the discussion. The moderators will also be expected to strictly manage the session. If necessary, the general discussion will be shortened. Strict adherence to the presentation time is strongly recommended for both speakers (8 minutes) and discussants (3 minutes). Speakers will be notified when their 8 minutes are up. At exactly the ninth minute of the presentation the slides will disappear from the screen. In this case discussants, will be allowed to ask the speaker only one question. Each one-hour interdisciplinary *in-session* includes 4 moderators (one cardiologist, one neuroradiologist, one

radiologist, one vascular surgeon) who will also serve as discussants (3 minutes) for the 4 speakers (8 minutes) following the same format of the scientific *in-sessions*.

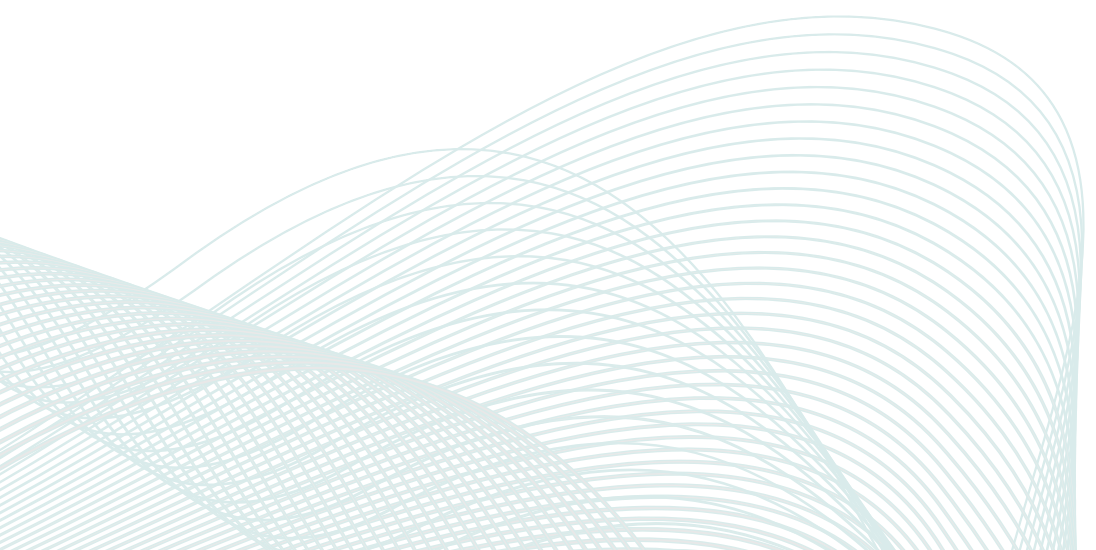
Each interdisciplinary *in-session* will be opened by the *in-key* interdisciplinary lecture of 10 minutes (one moderator/presenter, one speaker) and it will be closed without a general discussion. Presentation video-clips lasting 90-180 seconds will open every part of the *in-congress* according to the *in-entertainment* modality: a video-clip of a recorded interventional/endovascular procedure of one of the 4 speakers will be broadcasted before each *in-session*.

The *in-key* honorary lectures (10 minutes) will have one moderator and one speaker: in this time, moderators will be allowed to ask the speaker up to 2 questions. *In-dustry* focus sessions consist of 6 presentations each day for a total of 12 presentations (10 minutes), proposed by the companies and approved by the *in-congress* scientific committee. Moderators of *in-key* honorary lectures and *in-dustry* focus must ensure that presentation times are respected. Slides preparation must adhere to the *in-congress* template: a maximum of 15-16 slides for the presentations and 18-20 slides for the *in-key* honorary (and interdisciplinary) lectures is highly recommended. Speakers should provide their slides to the technical staff in the Faculty room at least 2 hours before the session begins. Speakers scheduled for the first session of the morning are kindly invited to deliver their slides the day before.

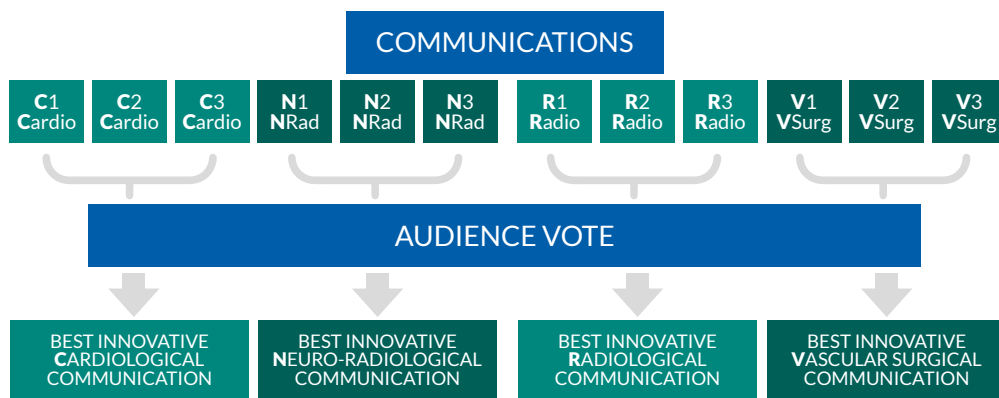
in-novation challenge rules

In-novation challenge (“*New frontiers of the next generation*”) has been designed to maintain attendees interest until the end of *in*-congress. A total of 12 innovative abstracts proposed by 12 young speakers (less than 36 years) will be preliminary selected by 12 interventional/endovascular experts, 3 from each discipline (cardiology, neuroradiology, radiology, vascular surgery), who will also serve as moderators for the *in*-novation challenge. The moderators will be responsible for strictly ensuring that presentation timings are respected (the *in*-novation challenge does not include discussions). Slides preparation must adhere

with the *in*-congress template: a maximum of 9 slides is highly recommended. Strict adherence to the presentation time (4 minutes) is strongly recommended. Speakers will be notified when their 3.30 minutes are up. At exactly the fourth minute of the presentation the slides will disappear from the screen. After the presentations, all attendees will be invited to vote for the best innovative communication in each field cardiology, neuroradiology, radiology, vascular surgery. The 4 best “innovators” will be finally awarded with a commemorative plaque (see summary table of *in*-novation challenge).



Summary table of *in*-novation challenge “New frontiers of the next generation!”



in-entertainment organization

In-entertainment has been designed and organized by Massimo Venturini with the help of Caterina Corni (modern and oriental art curator), Umberto Corni (professional photographer) and Nadia Falcone (soundtrack curator and vocalist). After the appreciation of all participants in the first edition, the *in*-entertainment is also proposed again

in the second edition with some novelties. The aim of the *in*-entertainment is to create an innovative atmosphere made of images, sounds, flavours that we hope will make the intervals between presentations more enjoyable and pleasant. All the details of the *in*-entertainment will be revealed during the *in*-congress.

GENERAL INFORMATION

in-CONGRESS REFERENCES

For **R**adiologists:

Federico Fontana (federico.fontana@uninsubria.it)

Massimo Venturini (massimo.venturini@uninsubria.it)

For **V**ascular Surgeons:

Gabriele Piffaretti (gabriele.piffaretti@uninsubria.it)

Matteo Tozzi (matteo.tozzi@uninsubria.it)

For **N**euroradiologists:

Andrea Giorgianni (andrea.giorgianni@asst-settelaghi.it)

For **C**ardiologists:

Battistina Castiglioni (battistina.castiglioni@asst-settelaghi.it)

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STANDARD RATE	€ 350,00 (VAT INCLUDED)
SIRM-SICVE-AINR-GISE MEMBERS	€ 200,00 (VAT INCLUDED)
STUDENTS and FELLOWS	Free of charge



AB MEDICA	11	IREDEEM	3
BAYER	1	MEDTRONIC	9
BD	6	PENUMBRA	7
COOK MEDICAL	4	PHILIPS	10
CORDIS	12	TELEFLEX	2
GORE	8	TERUMO	5

Diamond



Platinum



Gold



Silver



Bronze



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