

#### PRELIMINARY SCIENTIFIC PROGRAM

Varese, Ville Ponti Congress Center September 22-23, 2023

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

"you cannot discover new horizons without innovation"

*in*-terventional *in*-subria *in*-novation



Regione Lombardia ASST Sette Laghi

Sistema Socio Sanitario

Polo Universitario

www.incongressnewfrontiers.it







Società Italiana di Radiologia Medica e Interventistica



Società Italiana di Chirurgia Vascolare ed Endovascolare





### in-congress

#### in-Honorary Presidents



Patrizio Castelli



**Roberto Chiesa** 



Alessandro Del Maschio Carlo Fugazzola



### in-Presidents



Maurizio Cariati

Matteo Tozzi

### in-Scientific Committee



Federico Fontana



Giovanni Mauri



Andrea Giorgianni



Cristina Mosconi



Andrea Kahlberg

Massimo Venturini (Scientific Coordinator)



Filippo Piacentino



Paolo Marra



Gabriele Piffaretti

### in-Scientific Secretariat



Maria Cristina Cervarolo



Andrea Coppola



Giada Zorzetto







#### in-WELCOME GREETINGS

Welcome to the *in*-congress (*in*-terventional, *in*-subria, *in*-novation): New Frontiers in Interventional Radiology and Endovascular Therapy, a meeting focused on Innovation, aimed to Interventional Radiologists and Vascular Surgeons.

#### in-SCIENTIFIC PROGRAM

The *in*-scientific program has been planned to collect and spread the most recent innovations. Technological innovations, clinical innovations, novel applications of conventional techniques will be highlighted and discussed by a highly qualified faculty composed of the best Italian interventional radiologists and vascular surgeons. The program includes 14 scientific *in*-sessions, 6 *in*-key honorary lectures of European leaders in Interventional Radiology and Vascular Surgery, 2 industry focuses. The congress will last two days, the first dedicated to Interventional Radiology, the second to Endovascular Therapy (*see in-session modalities*, *recommendations*, *for moderators/speakers/discussants and slides preparation*).

#### in-INNOVATION CHALLENGE

At the end of the scientific program, the audience will vote for the best innovative young scientific communication for Interventional Radiology, the best innovative young scientific communication for Endovascular Therapy, the 2022-23 best innovative Italian paper for Interventional Radiology, the 2022-23 best innovative Italian paper for Endovascular Therapy, selected and proposed by 3 experts for each competition. The best 4 "innovators" will be awarded at the end of the *in*-congress (*see in-innovation challenge rules and summary table of in-innovation challenge*).

#### in-ENTERTAINMENT

Participants will have the opportunity to dive into an innovative atmosphere made of images, lights, sounds, flavours which we hope will make the intervals between presentations more enjoyable (see in-entertainment organization).

#### *in*-FACULTY

Albano Domenico (Milano) Angiletta Domenico (Bari) Antonello Michele (Padova) Apruzzi Luca (Milano) Baccellieri Domenico (Milano) Bargellini Irene (Candiolo) Baruzzi Fabio (Varese) Basile Antonio (Catania) Benedetto Filippo (Messina) Bergui Mauro (Torino) Calandri Marco (Torino) Callegari Leonardo (Varese) Candelari Roberto (Ancona) Cappelli Alberta (Bologna) Carcano Giulio (Varese) Cariati Maurizio (Milano) Carrafiello Gianpaolo (Milano) Carriero Serena (Milano) Castelli Patrizio (Varese) Cervarolo Maria Cristina (Varese) Cervelli Rosa (Pisa) Chiesa Roberto (Milano) Cioni Roberto (Pisa) Civilini Efrem (Rozzano) Comelli Simone (Cagliari) Coppola Andrea (Varese) Craparo Giuseppe (Palermo) Cristaudo Concetto (Catania) Crocetti Laura (Pisa) De Cobelli Francesco (Milano)

Dehò Federico (Varese) Del Maschio Alessandro (Milano) Della Corte Angelo (Milano) D'Oria Mario (Trieste) Dulcetta Ludovico (Bergamo) Facchini Giancarlo (Bologna) Faggioli Gianluca (Bologna) Faiella Eliodoro (Roma) Fargion Aaron Thomas (Firenze) Ferraresi Roberto (Paderno Dugnano) Floridi Chiara (Ancona) Fonio Paolo (Torino) Fontana Federico (Varese) Forzenigo Laura (Milano) Freyrie Antonio (Parma) Fugazzola Carlo (Varese) Galassi Alfredo Ruggero (Palermo) Gallazzi Mauro (Milano) Gallitto Enrico (Bologna) Gargiulo Mauro (Bologna) Genovese Eugenio Annibale (Varese) Giampalma Emanuela (Forlì) Giorgianni Andrea (Varese) Giovagnoni Andrea (Ancona) Giurazza Francesco (Napoli) Golfieri Rita (Bologna) Grasso Rosario Francesco (Roma) Greco Giorgio (Milano) Guzzardi Giuseppe (Novara) Ierardi Anna Maria (Milano)

#### in-faculty

lezzi Roberto (Roma) Inston Nicholas (Birmingham, UK) Kahlberg Andrea (Milano) Laganà Domenico (Catanzaro) Lanza Carolina (Milano) Lanza Gaetano (Castellanza) Loffroy Romaric (Dijon, France) Lomazzi Chiara (Milano) Lombardi Giulio (Avellino) Lucatelli Pierleone (Roma) Lugli Marzia (Modena) Lunardi Alessandro (Pisa) Macchi Andrea (Lonate Pozzolo) Mansueto Giancarlo (Verona) Manzi Marco (Abano Terme) Marchianò Alfonso (Milano) Marcia Stefano (Cagliari) Marra Paolo (Bergamo) Masala Salvatore (Sassari) Mascia Daniele (Milano) Mauri Giovanni (Milano) Melchiorre Fabio (Melegnano) Michelagnoli Stefano (Firenze) Migliorisi Carmelo (Legnano) Montorfano Matteo (Milano) Moramarco Lorenzo Paolo (Como) Mordasini Pasauale (Bern, Switzerland) Mosconi Cristina (Bologna) Nano Giovanni (San Donato Milanese)

Patanè Domenico (Catania) Patelli Gianluigi (Bergamo) Pero Guglielmo (Milano) Piacentino Filippo (Varese) Piffaretti Gabriele (Varese) Pratesi Carlo (Firenze) Pratesi Giovanni (Genova) Pulli Raffaele (Firenze) Quaretti Pietro (Pavia) Rampoldi Antonio (Milano) Rebonato Alberto (Pesaro) Rossi Michele (Roma) Rossi Umberto (Genova) Sallemi Claudio (Brescia) Sangiorgi Giuseppe (Roma) Sconfienza Luca Maria (Milano) Setacci Francesco (Milano) Spreafico Carlo (Milano) Tozzi Matteo (Varese) Trimarchi Santi (Milano) Tshomba Yamume (Roma) Vallone Stefano (Modena) Valvassori Luca (Milano) Van Herwaarden Joost A. (Utrecht, the Netherlands) Veltri Andrea (Torino) Venturini Massimo (Varese) Vercelli Ruggero (Milano) Zorzetto Giada (Varese)

### in-congress opening, first day, interventional

8.00	Participants registration
9.00-9.15	<b>Greetings Local Authorities</b> Prof. Angelo Tagliabue (Insubria University Rector) Dr. Giuseppe Micale (ASST-Settelaghi, General Manager Director) Dr. Lorenzo Maffioli (ASST-Settelaghi, Chief Medical Officer)
9.15-9.30	<b>Greetings SIRM Authorities</b> Prof. Andrea Giovagnoni (SIRM President) Dr. Laura Forzenigo (SIRM, Lombardia region, President) Prof. Francesco De Cobelli (SIRM, Interventional Radiology Section-ICIR, Vice-President)
9.30-9.40	Greetings in-Presidents Dr. Maurizio Cariati Prof. Matteo Tozzi Prof. Massimo Venturini
9.40-9.45	Insubria: roots and perspectives of a young University on its 25 <sup>th</sup> anniversary Prof. Giulio Carcano (Insubria University)

### in-key honorary lecture A

Moderator: Andrea Giovagnoni

9.45	Interventional Radiology and Immunotherapy
	Gianpaolo Carrafiello "Too strange to believe"

### INTERVENTIONAL RADIOLOGY DAY in-session 1

#### **NFs IN INTERVENTIONAL ONCOLOGY:** COMBINED APPROACHES INCLUDING ABLATION

Moderators: Maurizio Cariati, Massimo Venturini

10.00	Ablation and laparoscopic surgery in colorectal liver metastases management Speaker: Francesco De Cobelli, Discussant: Laura Crocetti
10.11	<b>Balloon-occluded ablation and TACE in unresectable, large HCC</b> Speaker: <i>Roberto lezzi</i> , Discussant: <i>Pierleone Lucatelli</i>
10.22	Ablation and immunotherapy in lung tumours Speaker: Anna Maria Ierardi, Discussant: Rosario Francesco Grasso
10.33	Ablation and surgery in malignant thyroid tumours management Speaker: Giovanni Mauri, Discussant: Rosa Cervelli
10.44	General Discussion

### in-session 2

#### **NFs IN INTERVENTIONAL ONCOLOGY: ALTERNATIVE APPROACHES**

Moderators: Irene Bargellini, Alfonso Marchianò

11.00	Glass vs Resin vs Holmium microspheres in TARE for HCC Speaker: Carlo Spreafico, Discussant: Irene Bargellini
11.11	DSM-TACE vs immunotherapy vs Sorafenib in intermediate HCC Speaker: Roberto lezzi, Discussant: Serena Carriero
11.22	<b>TACE vs TARE vs combined approaches in unresectable cholangiocarcinoma</b> Speaker: <i>Cristina Mosconi</i> , Discussant: <i>Giorgio Greco</i>
11.33	MWA vs RFA vs cryoablation in renal tumours Speaker: Andrea Veltri, Discussant: Eliodoro Faiella
11.44	General Discussion

## NFs IN INTERVENTIONAL ONCOLOGY: INNOVATIVE APPROACHES AND FUTURE PERSPECTIVES

Moderators: Gianpaolo Carrafiello, Chiara Floridi

12.00	<b>Fusion imaging, augmented reality and new guidance systems</b> <b>in interventional oncology</b> Speaker: <i>Rosario Francesco Grasso</i> , Discussant: <i>Giovanni Mauri</i>
12.11	<b>Future perspectives in microballoon interventions of liver tumours</b> Speaker: Pierleone Lucatelli, Discussant: Carlo Spreafico
12.22	<b>Future perspectives in TARE and combined approaches in liver metastases</b> Speaker: Irene Bargellini, Discussant: Cristina Mosconi
12.33	Future perspectives in ablation techniques and combined approaches in solid tumours Speaker: Laura Crocetti, Discussant: Chiara Floridi
12.44	General Discussion

### in-key honorary lecture B

#### Moderator: Paolo Fonio

13.00	Update in iodinated contrast medium and CO2 in diabetic,
	nephropathic patients with CLTI
	Marco Manzi
	"CO2 in CLTI revascularization: is iodinated contrast free-procedure only
	a dream?"

13.15-14.00 Lunch

NFs IN EMBOLIZATION: NEW APPLICATIONS, NEW DEVICES, NEW DISTRICTS Moderators: Antonio Basile, Pietro Quaretti

14.00	New and different applications of micro vascular plug Speaker: Francesco Giurazza, Discussant: Anna Maria Ierardi
14.11	New applications of non-adhesive, EVOH-based liquid embolic agents in extra-cranial and extra-vascular districts Speaker: Massimo Venturini, Discussant: Claudio Sallemi
14.22	<b>Prostatic interventional radiological management: embolization vs ablation</b> Speaker: Antonio Rampoldi, Discussant: Gianluigi Patelli
14.33	Hemorrhoids embolization: superior rectal arteries alone? Coils? Particles? Speaker: Alberto Rebonato, Discussant: Massimo Venturini
14.44	General Discussion

### in-session 5

# NFs IN INTERVENTIONAL RADIOLOGICAL MANAGEMENT OF COMPLEX HEPATO-BILIARY DISEASES: INNOVATIVE MODALITIES

Moderators: Roberto Cioni, Francesco De Cobelli

15.00	<b>Tips and tricks in complex TIPS: trans-splenic approach and other peculiar modalities</b> Speaker: Antonio Rampoldi, Discussant: Filippo Piacentino
15.11	Embolization to optimize future liver remnant increase in major hepatectomy and ALPSS Speaker: Angelo Della Corte, Discussant: Alessandro Lunardi
15.22	Innovative interventional radiological management in liver transplanted patients Speaker: Alberta Cappelli, Discussant: Ludovico Dulcetta
15.33	Innovative interventional radiological management in pediatric patients Speaker: Paolo Marra, Discussant: Carmelo Migliorisi
15.44	General Discussion

# Interventional Radiology industry focus Moderator: Federico Fontana

16.00 T.B.D.

### in-session 6

#### NFs IN EXTRA-VASCULAR INTERVENTIONAL RADIOLOGY: INNOVATIVE MODALITIES, **TECHNOLOGIES AND APPROACHES**

Moderators: Roberto Candelari, Emanuela Giampalma

17.00	<b>Liquid vs tissue biopsy for biomarkers collection in interventional oncology</b> Speaker: <i>Marco Calandri</i> , Discussant: <i>Giada Zorzetto</i>
17.11	Dual-layer spectral-CT in lung biopsy: more diagnostic sampling and biomarker information with new reconstruction systems and Z-effective images? Speaker: Filippo Piacentino, Discussant: Carolina Lanza
17.22	Innovative strategies for management of biliary complications Speaker: Giancarlo Mansueto, Discussant: Fabio Melchiorre
17.33	Innovative strategies for management of urological complications Speaker: Andrea Coppola, Discussant: Ruggero Vercelli
17.44	General Discussion

## NFs IN MUSCOLOSKELETAL AND NEUROSPINAL INTERVENTIONAL PROCEDURES: WHAT IS NEW?

Moderators: Eugenio Annibale Genovese, Salvatore Masala

18.00	Innovative interventional procedures to treat shoulder pain Speaker: Luca Maria Scofienza, Discussant: Leonardo Callegari
18.11	Augmented reality in bone interventional procedures Speaker: Domenico Albano, Discussant: Mauro Gallazzi
18.22	Genicular arteries embolization in osteoarthritis Speaker: Giancarlo Facchini, Discussant: Lorenzo Paolo Moramarco
18.33	New frontiers in treatment of lumbar spinal stenosis and instability: interspinous devices Speaker: Stefano Marcia, Discussant: Fabio Baruzzi
18.44	General Discussion

### in-key honorary lecture C

Moderator: Matteo Tozzi

The new era of the endovascular creation of AVF
Nicholas Inston
"They are not the strongest species that survive, nor the most intelligent, but the
ones who are most responsive to change"
•

19.15 in-Interventional Radiology day closing

### in-congress, second day, endovascular

7.30	Participants registration
8.00-8.15	Greetings Local Authorities Prof. Luigina Guasti (Insubria, DMC Director) Prof. Luigi Valdatta (Insubria, DBSV Director) Prof. Giulio Carcano (Insubria, DIMIT) Prof. Alberto Passi (Insubria, School of Medicine President)
8.15-8.20	Greetings SICVE President Dr. Gaetano Lanza
8.20-8.30	Greetings in-Presidents Dr. Maurizio Cariati Prof. Matteo Tozzi Prof. Massimo Venturini

### in-key honorary lecture D-E

Moderators: Patrizio Castelli, Roberto Chiesa

8.30	Innovative technology in ascending and arch aortic pathology Santi Trimarchi "Aorta technology is coming slow but it is on its way"	/
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8.45	FORS technology in aortic intervention Joost A. van Herwaarden "Fiber optical technology improves endovascular navigation in aortic procedures while reducing radiation"	

### **ENDOVASCULAR THERAPY DAY**

### in-session 8

NFs IN AORTIC DISEASE: WHAT IS NEW? Moderators: Maurizio Cariati, Carlo Pratesi

9.00	<b>Endograft fenestration in complex aortic pathology</b> Speaker: <i>Giovanni Pratesi</i> , Discussant: <i>Federico Fontana</i>
9.11	Innovative technologies in EVAR Speaker: Michele Antonello, Discussant: Giovanni Nano
9.22	Clinical significance of sac shrinkage after EVAR Speaker: Yamume Tshomba, Discussant: Enrico Gallitto
9.33	New frontiers (fusion imaging, IVUS, CO2) for TEVAR/EVAR optimization Speaker: Mauro Gargiulo, Discussant: Mario D'Oria
9.44	General Discussion

### *in*-session 9

## NFs IN INNOVATIVE ENDOVASCULAR MANAGEMENT OF COMPLEX EMERGENCIES: WHAT IS NEW?

Moderators: Gabriele Piffaretti, Michele Rossi

10.00	Ruptured aortic aneurysms: innovative endovascular management Speaker: Antonio Freyrie, Discussant: Daniele Mascia
10.11	Acute aortic dissection: innovative endovascular management Speaker: Andrea Kahlberg, Discussant: Aaron Thomas Fargion
10.22	Ruptured visceral aneurysms and pseudoaneurysms: innovative endovascular management Speaker: Massimo Venturini, Discussant: Stefano Michelagnoli
10.33	Acute pulmonary embolism: innovative endovascular management Speaker: Gianpaolo Carrafiello, Discussant: Umberto Rossi
10.44	General Discussion

## NFs AND TECHNOLOGICAL INSIGHTS IN ENDOVASCULAR MANAGEMENT OF ARTERIAL OCCLUSIVE DISEASES

Moderators: Mauro Gargiulo, Matteo Tozzi

11.00	New frontiers in aorto-iliac district with chronic total occlusions
	Speaker: Raffaele Pulli, Discussant: Domenico Angiletta
11.11	New frontiers in "full metal jacket" and innovative approaches in superficial
	femoral district with chronic total occlusions and/or calcified plaques
	Speaker: Domenico Laganà, Discussant: Francesco Setacci
11.22	New frontiers in tibial district of diabetic patients with calcified chronic total occlusions
	Speaker: Marco Manzi, Discussant: Filippo Benedetto
11.33	New frontiers in arterialization of the venous system in no-option patients with CLTI
	Speaker: Roberto Ferraresi, Discussant: Maria Cristina Cervarolo
11.44	General Discussion

#### *in*-session 11

NFs IN COMPLEX STENOSIS AND DRUG-ELUTING TECHNOLOGY: NEW APPROACHES, NEW DISTRICTS Moderators: Alfredo Ruggero Galassi, Andrea Macchi

12.00	New frontiers in carotid district with complex stenosis Speaker: Gianluca Faggioli, Discussant: Efrem Civilini
12.11	New frontiers in drug-eluting technology in coronary occlusions Speaker: Matteo Montorfano, Discussant: Andrea Macchi
12.22	New frontiers in drug-eluting technology in arterio-venous fistulas Speaker: Matteo Tozzi, Discussant: Domenico Patanè
12.33	New frontiers in drug-eluting technology in erectile dysfunction Speaker: Giuseppe Sangiorgi, Discussant: Federico Dehò
12.44	General Discussion

### in-key honorary lecture F

#### Moderator: Massimo Venturini

13.00	New frontiers and applications in glue embolization
	Romaric Loffroy
	"The problem is not the glue but the guy who injects it"
1315-1400	Lunch

NFs IN VENOUS DISEASES: INNOVATIVE AND ALTERNATIVE ENDOVASCULAR APPROACHES Moderators: Antonio Basile, Marzia Lugli

14.00	Percutaneous/endovascular AVF creation: tips and tricks
14.11	Speaker: Federico Fontana, Discussant: Domenico Patanè Innovative strategies in iliocaval obstruction recanalization
	Speaker: Domenico Bacellieri, Discussant: Filippo Piacentino
14.22	Innovative strategies in pelvic congestion syndrome endovascular management Speaker: Antonio Basile, Discussant: Giulio Lombardi
14.33	Innovative strategies in endovenous ablative techniques Speaker: Chiara Lomazzi, Discussant: Luca Apruzzi
14.44	General Discussion

### in-session 13

NFs IN NEUROVASCULAR DISEASES: INNOVATIVE APPROACHES AND INDICATIONS Moderators: Mauro Bergui, Luca Valvassori

15.00	Update in stroke management
	Speaker: Stefano Vallone, Discussant: Guglielmo Pero
15.11	Flow-diverter stents: innovative indications
	Speaker: Concetto Cristaudo, Discussant: Giuseppe Craparo
15.22	Intrasaccular flow disruption for intracranial aneurysms: what is new?
	Speaker: Andrea Giorgianni, Discussant: Giuseppe Guzzardi
15.33	Future perspectives in neurovascular procedures using robot and artificial intelligence
	Speaker: Pasquale Mordasini, Discussant: Simone Comelli
15.44	General Discussion

# Endovascular Therapy industry focus Moderator: Gabriele Piffaretti

16.00 T.B.D.

#### in-session 14

#### NFs IN INTERVENTIONAL RADIOLOGY AND ENDOVASCULAR THERAPY OF THE LAST 6 MONTHS: WHAT IS NEW?

Moderators: Matteo Tozzi, Massimo Venturini

17.00	Interventional innovation of the last 6 months Speaker: T.B.D., Discussant: Massimo Venturini
17.11	Endovascular innovation of the last 6 months Speaker: T.B.D., Discussant: Matteo Tozzi
17.22	General Discussion

#### in-BEST YOUNG INNOVATIVE INTERVENTIONAL COMMUNICATION

Moderators: Cristina Mosconi, Filippo Piacentino

17.30	First innovative communication proposed by Marco Calandri
17.35	Second innovative communication proposed by Francesco Giurazza
17.40	Third innovative communication proposed by Pierleone Lucatelli

#### in-BEST YOUNG INNOVATIVE ENDOVASCULAR COMMUNICATION

Moderators: Andrea Kahlberg, Gabriele Piffaretti

17.45	First innovative communication proposed by Filippo Benedetto
17.50	Second innovative communication proposed by Mario D'Oria
17.55	Third innovative communication proposed by Enrico Gallitto

#### in-BEST INNOVATIVE ITALIAN INTERVENTIONAL PAPER 2022-23

Moderators: Maurizio Cariati, Matteo Tozzi, Massimo Venturini

18.00	First innovative paper proposed and presented by Gianpaolo Carrafiello
18.03	Second innovative paper proposed and presented by Francesco De Cobelli
18.06	Third innovative paper proposed and presented by Rita Golfieri

#### in-BEST INNOVATIVE ITALIAN ENDOVASCULAR PAPER 2022-23

Moderators: Maurizio Cariati, Matteo Tozzi, Massimo Venturini

18.09	First innovative paper proposed and presented by Michele Antonello
18.12	Second innovative paper proposed and presented by Mauro Gargiulo
18.15	Third innovative paper proposed and presented by Santi Trimarchi

#### **VOTES AND AWARDS**

18.18	in-BEST YOUNG INNOVATIVE INTERVENTIONAL COMMUNICATION
18.21	in-BEST YOUNG INNOVATIVE ENDOVASCULAR COMMUNICATION
18.24	in-BEST INNOVATIVE ITALIAN INTERVENTIONAL PAPER 2022-2023
18.27	in-BEST INNOVATIVE ITALIAN ENDOVASCULAR PAPER 2022-2023

#### in-congress CLOSING

Presidents Maurizio Cariati, Matteo Tozzi, Massimo Venturini

18.30 Closing Remarks

...thank you for participating! We look forward to welcoming you to the next *in*-congress in 2025!

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

in-congress consists of 14 in-sessions. 6 in-key honorary lectures, 2 industry focuses and an *in*-innovation challenge at the end of the congress. Each one-hour in-session is made 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 togheter with the moderators. At the end of each presentation 3 minutes will be dedicated to a short discussion between discussant and speaker: the discussant may ask up to 2 guestions to the speaker 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 15 minutes and will be expected to ask questions and also to involve the audience in the discussion. The moderators will also be expected to rigorously oversee: if necessary, the general discussion will have to be shortened. A strict compliance with the presentation time for both speakers (8 minutes) and discussants (3 minutes) is strongly recommended: the speakers will be

notified at the end of the 8 minutes. At the exact ninth minute of the presentation the slides will disappear from the screen. In this case discussants, will be allowed to ask the speaker just one question.

Presentation video clips lasting 90 seconds of a procedure of one of the 4 speakers, will be broadcasted before each session according to the *in*-entertainment modalities. The *in*-key honorary lectures will have one moderator and one speaker and will last 15 minutes: in this time, moderators will be allowed to ask the speaker up to 2 questions. Industry 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 industry focuses must oversee to that presentation times are respected. Slides preparation must comply with the *in*-congress template: a maximum of 15 slides for the presentations and 30 slides for the *in*-key honorary lectures is highly recommended.

#### in-innovation challenge rules

*in*-innovation challenge has been conceived to increase the interest of attendees up to the very end of the *in*-congress. After a preliminary selection by the Faculty and presentations of the speakers, all attendees will be asked to vote for the most young innovative interventional communication, the most young innovative endovascular communication, the 2022-23 most innovative Italian interventional paper, the 2022-23 most innovative Italian endovascular paper.

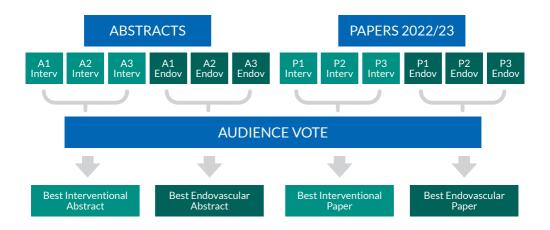
The 4 best "innovators" will be finally awarded (see summary table of *in*-innovation challenge).

Innovative abstracts in English language must be sent by e-mail to massimo.venturini@uninsubria.it and federico.fontana@uninsubria.it for interventional; to matteo.tozzi@uninsubria.it and gabriele.piffaretti@uninsubria.it

for endovascular by June 30<sup>th</sup>. All corresponding authors-potential speakers must be 36-year-old or younger. Abstracts focused on innovation could involve up to 6 authors and consist of a maximum of 200 words (Background/Aim -Materials/Methods - Results - Conclusions). All interventional abstracts' authors will be blinded and sent out by Massimo Venturini and Federico Fontana to Marco Calandri (Torino), Francesco Giurazza (Napoli) and Pierleone Lucatelli (Roma), while all endovascular abstracts will be blinded and sent out by Matteo Tozzi and Gabriele Piffaretti to Filippo Benedetto (Messina), Mario D'Oria (Trieste) and Enrico Gallitto (Bologna). Each reviewer will choose their favourite abstract by July 15<sup>th</sup>. The 6 chosen abstracts will be presented in a 5-minute talk at the *in*-congress by the corresponding/first author (for slides preparation please use the *in*-congress template and the English language, talk in Italian or English).

Gianpaolo Carrafiello (Milano), Francesco De Cobelli (Milano) and Rita Golfieri (Bologna) will select the 2022-23 best innovative Italian interventional paper, while Michele Antonello (Padova), Mauro Gargiulo (Bologna) and Santi Trimarchi (Milano) the 2022-23 best innovative Italian endovascular paper. At the *in*-congress the two selection committes will have 3 minutes to explain the reasons for their choice (1-3 slides, one with the title page of the selected paper published on PubMed). Subsequently the audience will vote for the "4 best innovators" and they will be each awarded by their sponsor (review er or professor). Any conflict of interest will be avoided by excluding abstracts-papers of the institutions/hospitals of origin of the reviewers/professors from their specific competition. In this final part of the in-congress, the moderators will also be expected to rigorously oversee that presentation timings are respected (in-innovation challenge does not include discussions).

#### Summary table of *in*-innovation challenge



#### in-entertainment

*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), Nadia Falcone (soundtrack curator and vocalist), Paolo Marra and Filippo Piacentino (endovascular, interventional, *in*-congress video-clips maker). The aim of the *in*-entertainment is to create an innovative atmosphere made of images, lights, 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.

#### in-PRESIDENTS CONTACTS

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#### in-ORGANISING SECRETERIAT



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#### C.M.E - CONTINUING MEDICAL EDUCATION

The event is accredited by the Italian Ministry of Health with 11,2 CME points for Medical Doctors (Specialties: Radiology, Vascular Surgery, Neuroradiology, Neurology, Oncology, Nuclear Medicine, General Surgery, Internal Medicine) and Radiology Technologists.

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#### **REGISTRATION FEES**

STANDARD RATE	€ 350,00 (VAT INCLUDED)
SIRM-SICVE-AINR MEMBERS	€ 200,00 (VAT INCLUDED)
RADIOLOGY TECHNOLOGISTS	€ 150,00 (VAT INCLUDED)
STUDENTS and FELLOWS	Free of charge

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