



OSPEDALE NIGUARDÀ  
CA' GRANDA

# 3<sup>RD</sup> CEREBROVASCULAR TRAINING COURSE

USZ Universitäts  
Spital Zürich



## COURSE PRESIDENTS

MARCO CENZATO  
LUCA REGLI

## COURSE DIRECTORS

DAVIDE BOERIS  
GIUSEPPE ESPOSITO

THIS YEAR TOPIC:  
CEREBROVASCULAR  
REVASCULARIZATION  
50 ANNI DAL PRIMO  
BY PASS AL NIGUARDÀ



MILAN

MAY, 7-8 2026

ZURICH

JUNE, 18-19 2026



Segreteria Organizzativa

PROGETKA  
EVENTI & CONGRESSI

<https://www.progetka.com/010>

SAVETHEDATE



COURSE PRESIDENTS  
MARCO CENZATO  
LUCA REGLI  
COURSE DIRECTORS  
DAVIDE BOERIS  
GIUSEPPE ESPOSITO



THIS YEAR TOPIC:  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARD



## COURSE DIRECTORS

**Marco Cenzato** (Milan, Italy)

**Luca Regli** (Zurich, Switzerland)

## COURSE DIRECTORS

**Davide Boeris** (Milan, Italy)

**Giuseppe Esposito** (Zurich, Switzerland)

## FACULTY

**Francesco Acerbi** (Pisa, Italy)

**Alessio Albanese** (Rome, Italy)

**Matteo M. Baccanelli** (Buenos Aires, Argentine)

**Edoardo Boccardi** (Milan, Italy)

**Davide Boeris** (Milan, Italy)

**Carlo Bortolotti** (Bologna, Italy)

**Marco Cenzato** (Milan, Italy)

**Emanuela Crobeddu** (Novara, Italy)

**Roberto Delfini** (Rome, Italy)

**Alessandro Ducati** (Turin, Italy)

**Jean-Philippe Dufour** (Zurich, Switzerland)

**Giuseppe Esposito** (Zurich, Switzerland)

**Paolo Ferroli** (Milan, Italy)

**Jorn Fierstra** (Zurich, Switzerland)

**Zsolt Kulcsar** (Zurich, Switzerland)

**Luigi A.A. Lanterna** (Bergamo, Italy)

**Michael T. Lawton** (Phoenix, USA)

**Alberto Pasqualin** (Verona, Italy)

**Giacomo Pavesi** (Modena, Italy)

**Guglielmo Pero** (Milan, Italy)

**Mariangela Piano** (Milan, Italy)

**Andreas Raabe** (Bern, Switzerland)

**Luca Regli** (Zurich, Switzerland)

**Tilman Schubert** (Zurich, Switzerland)

**Renato Scienza** (Padova, Italy)

**Martina Sebök** (Zurich, Switzerland)

**Maria Sessa** (Milan, Italy)

**Francesco Tomasello** (Catania, Italy)

**Luca P.M. Valvassori** (Milan, Italy)

**Daniel Walsh** (London, UK)

**Susanne Wegener** (Zurich, Switzerland)

## PATRONAGES REQUESTED

**EANS** - European Association of  
Neurosurgical Societies

**SINch** – Società Italiana Neurochirurgia



COURSE PRESIDENTS

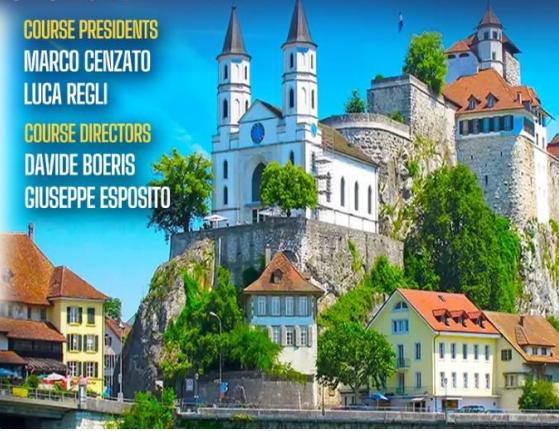
MARCO CENZATO

LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS

GIUSEPPE ESPOSITO



THIS YEAR TOPIC:  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARDIA

**DAY 1**  
**Milan, Italy**  
**7 MAY 2026**

**50 YEARS OF CEREBRAL REVASCULARIZATION AT  
NIGUARDIA: LEGACY, INNOVATION & FUTURE DIRECTIONS**

08.30 Opening the secretariat and registration  
**Welcome Coffee**

08.45 Opening remarks  
**M. Cenzato (Milan, Italy), L. Regli (Zurich, Switzerland)**

**SESSION I**  
**TECHNICAL FOUNDATIONS**  
*Chair: XXX*  
*Moderator: XXX*

09.00 Cerebral bypass indications and selection  
**G. Esposito (Zurich, Switzerland)**

09.20 Graft options and harvest techniques: Sta, Radial Artery, Saphenous Vein  
**E. Crobeddu (Novara, Italy)**

09.40 Fluorescence ICG, flow-mapping and real-time monitoring  
**A. Raabe (Bern, Switzerland)**

10.00 Modern microsurgical ergonomics and high-definition visualization  
**M.M. Baccanelli (Buenos Aires, Argentine)**

10.20 Moyamoya disease: direct vs indirect revascularization strategies  
**L.A.A. Lanterna (Bergamo, Italy)**



COURSE PRESIDENTS

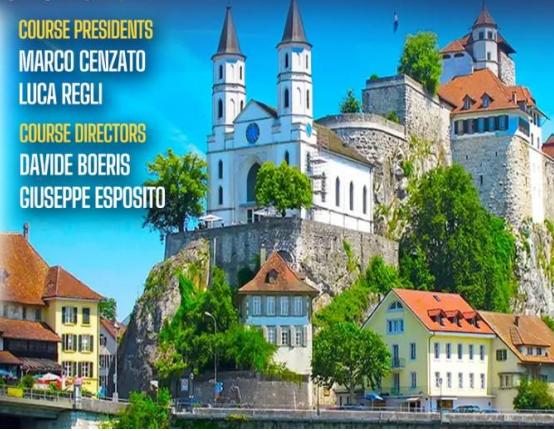
MARCO CENZATO

LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS

GIUSEPPE ESPOSITO



THIS YEAR TOPIC:  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARD

10.40 Discussion

11.00

11.00 Coffee Break

11.30

## 50 YEARS OF VASCULAR NEUROSURGERY AT NIGUARD

Chair: G. Sechi (*Milan, Italy*)

*Medical Director, ASST Grande Ospedale Metropolitano Niguarda*

- Commemorative video

- Tribute to the first cerebral bypass

- Opening remarks: D. Boeris, M. Cenzato (*Milan, Italy*),  
G. Esposito, L. Regli (*Zurich, Switzerland*)

## SESSION II

### THE LEGACY OF CEREBRAL BYPASS SURGERY IN ITALY

Chair: A. Ducati (*Turin, Italy*)

Moderator: A. Albanese (*Rome, Italy*), C. Bortolotti (*Bologna, Italy*),  
G. Pavesi (*Modena, Italy*)

11.50 Relazione in definizione

**R. Delfini** (*Rome, Italy*)

12.05 Relazione in definizione

**A. Pasqualin** (*Verona, Italy*)

12.20 Relazione in definizione

**F. Tomasello** (*Catania, Italy*)

12.35 Relazione in definizione

**R. Scienza** (*Padova, Italy*)



COURSE PRESIDENTS

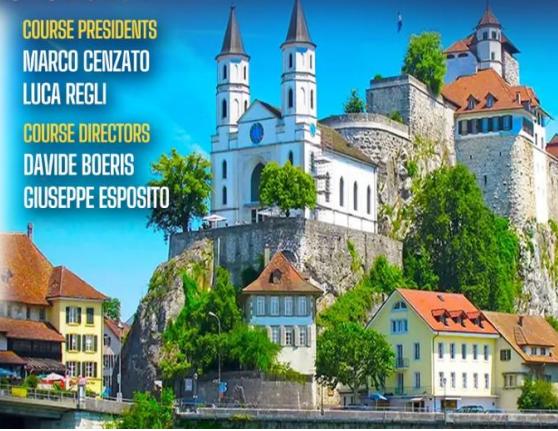
MARCO CENZATO

LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS

GIUSEPPE ESPOSITO



THIS YEAR TOPIC:  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARD

**12.50** *Lunch Symposium (Industry Sponsored)*  
**13.30**

**SESSION III**  
**CLINICAL INDICATIONS IN 2025**

*Chair: P. Ferroli (Milan, Italy)*  
*Moderator: XXX*

13.30 Moya Moya like pathology  
**P. Ferroli (Milan, Italy)**

13.50 Complex aneurysms requiring flow replacement: when bypass is the only option  
**L. Regli (Zurich, Switzerland)**

14.10 Bypass surgery in complex skull base lesions  
**D. Walsh (London, UK)**

14.30 Combined endovascular and bypass techniques  
**E. Boccardi, M. Cenzato (Milan, Italy)**

14.50 My difficult case, management and reflections  
**F. Acerbi (Pisa, Italy)**

**15.00** *Coffee Break*  
**15.20**



COURSE PRESIDENTS

MARCO CENZATO

LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS

GIUSEPPE ESPOSITO



THIS YEAR TOPIC:  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARD

## SESSION IV

### COMPLICATIONS, FAILURES & CASE-BASED MASTERCLASS

Chair: XXX

Moderator: C. Bortolotti (*Bologna, Italy*)

15.20 Managing bypass failure: salvage, revision and alternative flows  
**G. Pero** (*Milan, Italy*)

15.40 Case discussions: difficult scenarios and lessons learned  
**Niguarda Team**

16.20 Carotid artery occlusive disease  
**M. Sessa** (*Milan, Italy*)

16.40 The role of endovascular partners in hybrid neurovascular care  
**L.P.M. Valvassori** (*Milan, Italy*)

17.00 Endovascular carotid stenting  
**M. Piano** (*Milan, Italy*)

17.20 Carotid artery endoarterectomy indications and technique  
**G. Esposito** (*Zurich, Switzerland*)

17.40 The future of cerebral revascularization: the age of the hybrid neurosurgeon  
18.00 **M.T. Lawton** (*Phoenix, USA*) | **online**

18.00 Closure remarks day 1



COURSE PRESIDENTS

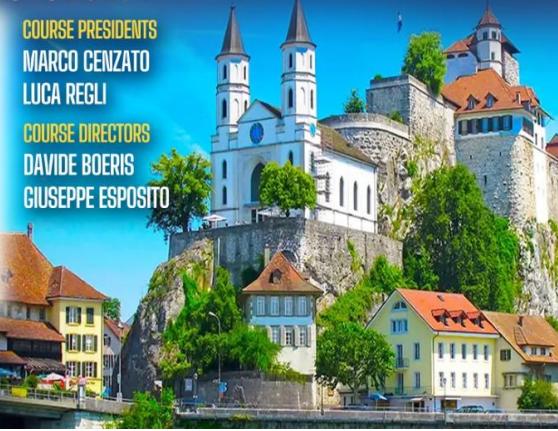
MARCO CENZATO

LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS

GIUSEPPE ESPOSITO



THIS YEAR TOPIC:  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARD

**DAY 2**  
**Milan, Italy**  
**8 MAY 2026**

**09.00 WORKSHOP**

**17.00 Placenta Simulation Model**

Microvascular dissection: simulation of opening of the sylvian fissure

Microsuturing

**12.30 Light Lunch**

**13.30**

**17.00 Debriefing**

**17.30**

**See you in Zurich on June 18-19, 2026**



COURSE PRESIDENTS

MARCO CENZATO

LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS

GIUSEPPE ESPOSITO

THIS YEAR TOPIC:  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARD

**DAY 3**  
**Zurich, Switzerland**  
**18 JUNE 2026**

08.00 Opening the secretariat and registration

**09.00 WORKSHOP**

**17.00 Advanced hands-on training on perfused placenta simulation model**

Microvascular dissection of perfused arteries and veins in a placenta model

Microsuturing, microanastomosis and direct bypass techniques (end-to-end, end-to-side, side-to-side)

**12.30 Light Lunch**

**13.30**

**17.00 Debriefing**

17.30

17.30 Closure remarks day 3



COURSE PRESIDENTS

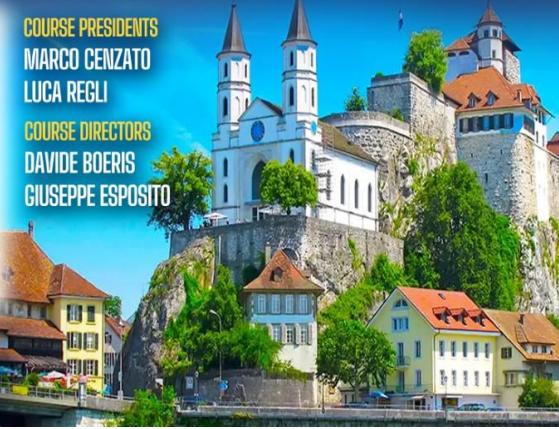
MARCO CENZATO

LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS

GIUSEPPE ESPOSITO



THIS YEAR TOPIC:  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARDIA



**DAY 4**  
**Zurich, Switzerland**  
**19 JUNE 2026**

08.00 Opening the secretariat

08.30 Introduction

**D. Boeris** (*Milan, Italy*), **C. Bortolotti** (*Bologna, Italy*), **G. Esposito** (*Zurich, Switzerland*)

**08.15 Live surgeries**

12.00 Microsurgical cerebral revascularization

**12.00 Light Lunch**

**13.00**

13.00 Angioanatomy

**T. Schubert** (*Zurich, Switzerland*)

13.40 Carotid artery diseases: ultrasound diagnostic and indication for treatment

**S. Wegener** (*Zurich, Switzerland*)

14.10 Extra and intracranial steno-occlusive disease: neuroradiological diagnostic (CT and MR)

**Z. Kulcsar** (*Zurich, Switzerland*)

14.30 The Zurich hemodynamic work-up: NOVA and BOLD

**J.P. Dufour, M. Sebök** (*Zurich, Switzerland*)

**14.50 Coffee Break**

**15.20**



COURSE PRESIDENTS

MARCO CENZATO

LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS

GIUSEPPE ESPOSITO



THIS YEAR TOPIC:  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARD

15.20 Microsurgical techniques: carotid endarterectomy

**L. Regli** (Zurich, Switzerland)

15.40 Microsurgical techniques: direct bypasses

**G. Esposito** (Zurich, Switzerland)

16.00 Microsurgical techniques: indirect and combined EC-IC bypass

**F. Acerbi** (Pisa, Italy)

16.20 Microsurgical techniques: bypass for complex aneurysms

**M. Cenzato** (Milan, Italy)

16.40 Complex aneurysms and Neuromonitoring

**A. Albanese** (Rome, Italy)

**16.40 Discussion of cases**

17.30 **D. Boeris** (Milan, Italy), **J. Fierstra** (Zurich, Switzerland)

17.30 Closing remarks and greetings



COURSE PRESIDENTS

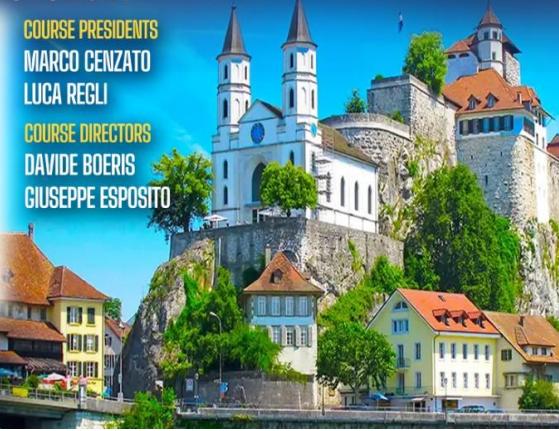
MARCO CENZATO

LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS

GIUSEPPE ESPOSITO



THIS YEAR TOPIC:  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARD



## GENERAL INFORMATION

### Days 1 – 2

#### NIGUARD CA' GRANDA HOSPITAL

AULA MAGNA – Entrance, Building 1

Sector B – 1st Floor

Piazza Ospedale Maggiore, 3

20162 Milan, Italy

## ACCOMMODATION OPTIONS

### Suggested Hotel

- XXX

## TRANSPORTATION

### From railway Milan Central Station

- Metro 3 (yellow) to Piazzale Maciachini, then tram n. 4 towards Niguarda
- Tram 5 with stop in Viale Ca' Granda

### From railway Garibaldi Station

- Metro 5 (lilac) to the Istria stop, then tram n. 5 direction Hospital



COURSE PRESIDENTS

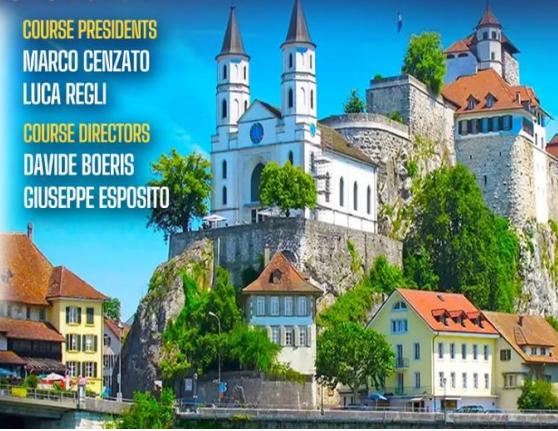
MARCO CENZATO

LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS

GIUSEPPE ESPOSITO



**THIS YEAR TOPIC:**  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARD

## Day 3 – VENUE 1

### UNIVERSITY ZURICH IRCHEL

Building Y23 – Room F32

Wintherthurestrasse 190

8057 - Zurich, Switzerland

### From the Zurich main railway Station

- Take Tram n. 4 (Bahnhofquai/HB) to “Milchbuch”

### By car

- It is not recommended to use the car for coming to the Course, since parking facilities are hardly available

## Day 4 – VENUE 2

### UNIVERSITY HOSPITAL OF ZURICH

Frauenklinikstrasse 26

8091- Zurich, Switzerland

Lecture Hall “Monakow” located in the Building Haldenbach, floor A

## TRAVEL INFORMATION

### From the Zurich main railway Station

- Take Tram n. 10 (Bahnhofplatz) or Tram n. 6 (Bahnhofstrasse) to “ETH – UniversitätsSpital”

### From Zurich Airport

- By Train to Zurich main railway Station in about 10 minutes or by Taxi (taxi fare around 60– CHF)

## ACCOMMODATION OPTIONS

### Suggested Hotels

- Hotel Plattenhof \*\*\*

<http://plattenhof.ch/en/>

- Hotel City \*\*\*

<http://www.hotelcity.ch/>

- Hotel Florhof \*\*\*

<http://www.hotelflorhof.ch/en/>

- Hotel Opéra \*\*\*\*

<http://www.operahotel.ch/en>



COURSE PRESIDENTS

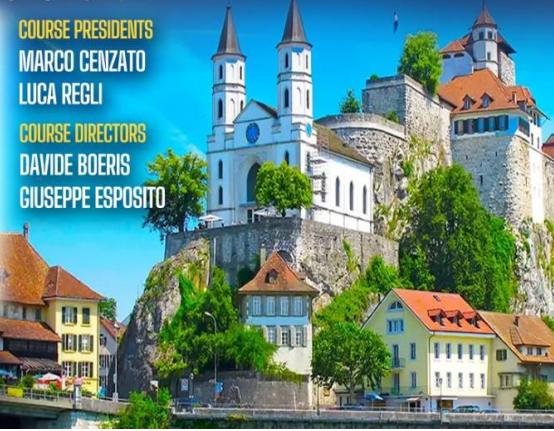
MARCO CENZATO

LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS

GIUSEPPE ESPOSITO



THIS YEAR TOPIC:  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARD



## HOW TO REGISTER AND HOW TO PAY

The registration includes participation in the training course in Milan and Zurich.

To subscribe to this event is necessary to fill the digital Registration Form available on the dedicated website:

<https://www.progetka.com/O10>

Participation in the Course is subject to a fee:

- **€ 500,00 VAT Included** for Participation in one course (Milan)
- **€ 800,00 VAT Included** for Participation in both courses (Milan and Zurich)
- **€ 100,00 VAT Included** for Participant of the theoretical part only - May 7, 2026 (Milan)

Registration fee may be paid in Euro (EUR) and can be paid as follows:

- **by Credit Card via PayPal:** [amministrazione@progetka.com](mailto:amministrazione@progetka.com)
- **by Bank transfer,** Bank account details (EUR account) are as follows:

RIVIERA BANCA Soc. Coop.

Swift Code: ICRAITRRN0

IBAN Number: IT93V0899524210000000017803

Account Holder: Progetka srl

Bank Charges: Bank charges are to be settled by the payer

**Deadline for registration: 04 May 2026**

## CANCELLATION POLICY

In case of non-participation in the event, the registration fee will not be refunded.

**The Course registration package includes the following services:**

- Admittance to all scientific sessions
- Admittance to the exhibition area
- Course documentation and material
- Certificate of Attendance
- Coffee and lunches as specified in the Course program



COURSE PRESIDENTS

MARCO CENZATO

LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS

GIUSEPPE ESPOSITO



THIS YEAR TOPIC:  
CEREBROVASCULAR REVASCULARIZATION  
50 ANNI DAL PRIMO BY PASS AL NIGUARDIA

## SCIENTIFIC INFORMATION

### LANGUAGE

The official language of the course is English

### TARGET AUDIENCE

The courses' target audience will be clinical fellows and early career neurosurgeons with interest in cerebrovascular pathologies.

### LEARNING OBJECTIVES

Overall learning objectives of the combined course:

- Provide evidence-based recommendations for the management of complex intracranial aneurysms, intra- and extracranial steno-occlusive diseases
- Combine clinical and anatomical data to formulate a surgical or endovascular treatment plan
- Apply technical nuances in microsurgical techniques:
  - Microvascular dissection: simulation of opening of the sylvian fissure
  - Aneurysms: bypass techniques for treating complex aneurysms
  - Microsuturing and Microanastomosis techniques (end-to-end, end-to-side, side-to-side)

### VARIATIONS

The Scientific and the Organizing Secretariats reserve the right to make any change to the program they deem necessary for scientific and/or technical reasons.

### PRIVACY

Information pursuant to Art. 14 EU Regulation 679/2016 of the European Parliament: your personal data provided to us on this occasion will be subject to computerised and manual processing in order to document your participation in Congresses, Events, Meetings, Events in general organised by Progetka s.r.l. and to processing deriving from legal obligations.

They will be communicated to suppliers and various subjects that compete or participate in various ways the event, as well as to the competent Authorities in accordance the provisions of the law. The provision of data, for these purposes, is compulsory and essential for your participation in the Congress. Holder of the data Progetka s.r.l. Via Nuova Circonvallazione, 57 47923 Rimini. You have all the rights provided for by art. 14 EU Regulation 679/2016 of the European Parliament.

Acknowledgement of this informative note and of the above rights and consent to the processing of your personal data and their communication for the purposes indicated above.

## ORGANIZING SECRETARIAT