

New Prospectives in Neurotraumatology

SEE YOU SOON IN **PAVIA**

22ND
ANNUAL CONGRESS
OF EUROACADEMIA
MULTIDISCIPLINARIA
NEUROTRAUMATOLOGICA
EMN
25 – 27th may 2017



Dear Colleagues,

the 22nd Congress of the Euroademia Multidisciplinaria Neurotraumatologica (EMN) will be hosted in Pavia, Italy, in 25-27th May 2017. The aim is to develop scientific sharing on recent methods, assessments and techniques for the treatment of patients with brain and spinal cord injuries, from the acute and neurosurgical setting to the rehabilitation and social -work activation.

Specialists of different disciplines will participate to guarantee the highest level of a multidisciplinary approach.

Main topics are the updating of surgical, pharmacological, rehabilitative and clinical methods.

In particular, the congress will develop discussion on epidemiology, and state of the art of therapeutic strategies (emerging risk factors; clinical strategies in ICU and neurosurgery setting; assessment and monitoring of injuries in acute phase); on the physiopathological basis of recovery mechanisms and neuroplasticity (advanced approaches such as neuromodulation techniques, robotics for surgery and rehabilitation; telemonitoring or the telerehabilitation , neurorehabilitation outcomes, patient management and caregiver education and support).

We planned for this Congress edition, the 22nd, a joint session with the World Neurorehabilitation Federation (WFNR) to enhance the scientific sharing on rehabilitation.

The congress is going to take place in Pavia, at the Congress Center of the Salvatore Maugeri Foundation, conveniently equipped for all the scientific activities. An inviting social program is planned in the city of Pavia and surroundings to empower professional sharing and social meetings.

Caterina Pistarini
Scientific Committee

Cari Colleghi,

Il 22mo Congresso dell' Accademia Europea Neurotraumatologica (EMN) si terrà a Pavia, dal 25 al 27 Maggio 2017.

L'obiettivo del Congresso sarà quello di sviluppare e aggiornare a livello internazionale le conoscenze riguardo la presa in cura dei pazienti con cerebrolesione e mielolesione dalla fase acuta , rianimatoria e neurochirurgica , alla fase riabilitativa e al reinserimento sociale e professionale .I relatori invitati, afferenti alle diverse discipline, garantiranno la qualità del dialogo e delle conoscenze.

Gli argomenti del Congresso saranno suddivisi in diverse aree tematiche: l'epidemiologia e lo stato dell'arte delle strategie terapeutiche nelle lesioni traumatiche del Sistema Nervoso, con riferimento ai setting di terapia intensiva e neurochirurgia, i fattori di rischio ,il monitoraggio clinico ed operatorio e le strategie terapeutiche della fase acuta, le basi neurofisiologiche dei meccanismi di recupero e della neuro plasticità. Verranno approfondite le nuove tecniche di riabilitazione quali la stimolazione cerebrale profonda, la stimolazione cerebrale non invasiva, i trattamenti robotici, le metodiche di teleriabilitazione , le misurazioni di outcome funzionale e l'importanza della informazione / educazione dei pazienti e del Caregiver

.Per l'edizione di questo Congresso annuale è prevista una sessione scientifica speciale in collaborazione con Colleghi e Specialisti appartenenti alla Federazione Mondiale di Neuroriabilitazione (WFNR) con lo scopo di approfondire gli aspetti riabilitativi durante tutte le fasi del trattamento del paziente con cerebro lesione e mielolesione traumatica .

L'evento scientifico si terrà a Pavia, presso il Centro Congressi della Fondazione S. Maugeri, dotato di tutti gli strumenti per le attività congressuali. È previsto un nutrito programma sociale che si svolgerà nella città di Pavia e dintorni, garantendo e facilitando le esperienze di scambio professionale e sociale tra i partecipanti.

Caterina Pistarini
Responsabile Scientifico

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Honorary Presidents:

Prof. H. E. Diemath, MD, PhD, Austria
Prof. D. Mendelow, MD, PhD, UK
Prof. J. de Reuck, MD, PhD, Belgium
Prof. W. I. Steudel, MD, PhD, Germany
Prof. K. von Wild, MD, PhD, Germany

Faculty

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Prof. R. Riener, MD, PhD, Switzerland
Prof. U. Kunz, MD, PhD, Germany
Prof. J. L. Truelle, MD, PhD, France
Prof. A. V. Ciurea, MD, PhD, Romania
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FINAL PROGRAMME

(please note sessions and times are subject to change)

25th of MAY, 2017 – Thursday

8.30 Registration

9.00 **Opening Ceremony EMN Congress**

Stefan I. Florian, Wolf Ingo Steudel, Caterina Pistarini

9.30 **PLENARY SESSION**

Chairs: Wolf Ingo Steudel, Stefan I. Florian

9.30 Speaker: **Gajski Domagoj**

Title: **Epidural hematoma - our 3 year experience**

9.45 Speaker: **Jacek Szczygalski**

Title: **An injured brain: Forgets but not forgives. Head trauma as trigger for chronic neurodegeneration**

10.00 Speaker: **Lukas Rasulic**

Title: **Outcome after brachial plexus injury surgery and impact on quality of life**

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- 10.15 Speaker: **Filip Vrban**
Title: [Decompressive craniectomy in the treatment of complex severe traumatic brain injury - our experience](#)
- 10.30 Speaker: **Lucian Fodor**
Title: [Strategies for reconstruction of large compisite cranial defects](#)
- 10.45 *Coffee break*
- 11.15 **ORAL PRESENTATIONS**
Chairs: **Ulrich Kunz, José León-Carrión**
- 11.15 Speaker: **Eleonora Tobaldini**
Title: [Cardiac autonomic responses to painful stimuli in patients with dosorders of consciousness depend on the level of consciousness.](#)
- 11.30 Speaker: **Oleg Zaitsev**
Title: [Consciousness disordes and side of predominant brain damage](#)
- 11.45 Speaker: **Lyubov Oknina**
Title: [Functional connectivity during the listening to naturalistic stimuli \(music, speech\) in prognosis of counsciousness recovery in patients with severe brain injury](#)



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- An aerial photograph of a historic town, likely in Italy, showing a dense cluster of buildings with red-tiled roofs. A prominent stone bridge with multiple arches spans a river in the foreground. The text '25th' is overlaid in large white font in the bottom left corner of the image.
- 12.00 Speaker: **Alexander Kravchuk**
Title: **Posttraumatic hydrocephalus in patients with severe disorders of Consciousness: diagnostic pitfall and long-term outcomes of surgical treatment**
- 12.15 Speaker: **Yaroslav Latyshev**
Title: **Treatment options in patients with persistent disorders of Consciousness: is deep brain stimulation worth the risks?**
- 12.30 *Lunch*
- 13.30 **PLENARY SESSION**
Chairs: **Jurgen Meixensberger, Petar Vulekovic**
- 13.30 Speaker: **Paul-Jürgen Huelser**
Title: **Surgery versus conservative treatment in spontaneous intracerebral haematomas - arguments for a comprehensive study including subsequent rehabilitation**
- 13.45 Speaker: **Raimund Firsching**
Title: **What part of the brain does not function in post-traumatic coma**
- 14.00 Speaker: **José León-Carrión**
Title: **The role of physics in irreversible psychological phenomena: Quantum neuropsychology.**

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- 14.15 Speaker: **Wolf Ingo Steudel**
Title: [Epidemiology of TBI in Children and Teenager in Germany: New Trends](#)
- 14.30 **KLAUS VON WILD LECTURE**
Intro: **Stefan I. Florian**, EMN President
Speaker: **Andreas Unterberg**, *Heidelberg, Germany*
Title: [Translational research in traumatic brain injury](#)
- 15.00 *Coffee break*
- 15.30 **PLENARY SESSION**
Chairs: **Giorgio Maggioni**, **Giorgio Sandrini**
- 15.30 Speaker: **Gianluigi Zona**
Title: [There is still a future in the decompressive craniotomy?](#)
- 16.00 Speaker: **Tomislav Sajko**
Title: [Penetrating brain injury](#)
- 16.15 Speaker: **Petar Vulekovic**
Title: [External validation for simplified motor score as an alternative to Glasgow coma](#)

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- 
- 16.30 Speaker: **Jurgen Meixensberger**
Title: [Impact of prognostic calculator in traumatic brain injury](#)
- 16.45 Speaker: **Alexandru Vlad Ciurea**
Title: [Chronic traumatic subdural hematomas in elderly patients](#)
- 17.00 *Coffee break*
- 17.15 **PLENARY SESSION**
Chairs: **Antonino Massone, Graziella Fizzotti**
- 17.15 Speaker: **Maurizio Muscaritoli**
Title: [1. Enteral and parenteral nutrition in early phase of neurological rehabilitation](#)
- 17.30 Speaker: **Jacopo Bonavita**
Title: [Rehabilitation issues in SCI](#)
- 17.45 Speaker: **Antonello Morgantini**
Title: [Effect of robotic treatment on cerebral plasticity](#)
- 18.00 Speaker: **Carmelo Chisari**
Title: [Clinical and neurophysiological evidences of cerebral plasticity](#)
- 18.15 Speaker: **Andrea Turolla**
Title: [New technologies in postural instability rehabilitation](#)
- 19.30 **Welcome Cocktail at Pavia Prefecture**

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26th of MAY, 2017 – Friday

9.00 **WFNR SYMPOSIUM**

Chairs: **Caterina Pistarini, Paolo Tonin**

INTRODUCTION

9.00-10.30 Presidium Meeting

8.30 **Speaker: Nam-Jong Paik**

Title: **Telerehabilitation**

9.00 **Speaker: Paolo Tonin**

Title: **Reality face to face and from a distance**

9.30 **Speaker: Judith Graser**

Title: **Robotics in paediatric rehabilitation**

10.00 **Speaker: Maximilian Mehdorn**

Title: **Neurosurgical, Reconstructive and Restorative Rehabilitation**

10.30 **Speaker: Maria P. Panourgia**

Title: **Effects of ageing in neurorehabilitation**

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11.00 EMN PLENARY SESSION

Chairs: **Robert Riener**, **Alexandru Vlad Ciurea**

11.00 Speaker: **Boris Božić**

Title: [Traumatic discus hernia as a result of sports activities](#)

11.15 Speaker: **B. Semenova**

Title: [Chain of survival and recovery treatment step-by-step in children with severe TBI](#)

11.30 Speaker: **Stefania Mondello**

Title: [Clinical studies of the utility of circulating brain damage markers for the diagnosis of traumatic brain injuries](#)

11.45 Speaker: **Svetlana Valiullina**

Title: [Modern systemic approach to the rehabilitation of children with sever neurotrauma in pediatric surgery and trauma center.](#)

12.00 Speaker: **Andras Buki**

Title: [Outcome prediction in traumatic brain injury](#)

12.15 Speaker: **Ilijana Šumonja**

Title: [Head trauma by Captive Bolt Gun](#)

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12.30 *Lunch*

14.00 EMN PLENARY SESSION

Chairs: Jacek Szczygielski, Tomislav Sajko

14.15 Speaker: José León-Carrión

Title: [Safe driving and executive functions in healthy middle-aged drivers](#)

14.30 Speaker: Aurelian Anghelescu

Title: [Assistive tecnology in the rehabilitation of severely disabled persons](#)

14.45 Speaker: Verena Klamaroth - Marganska

Title: [Implementation of Motor Learning Strategies into Robot-Assisted Neurehabilitation of the Arm](#)

15.00 Speaker: Robert Riener

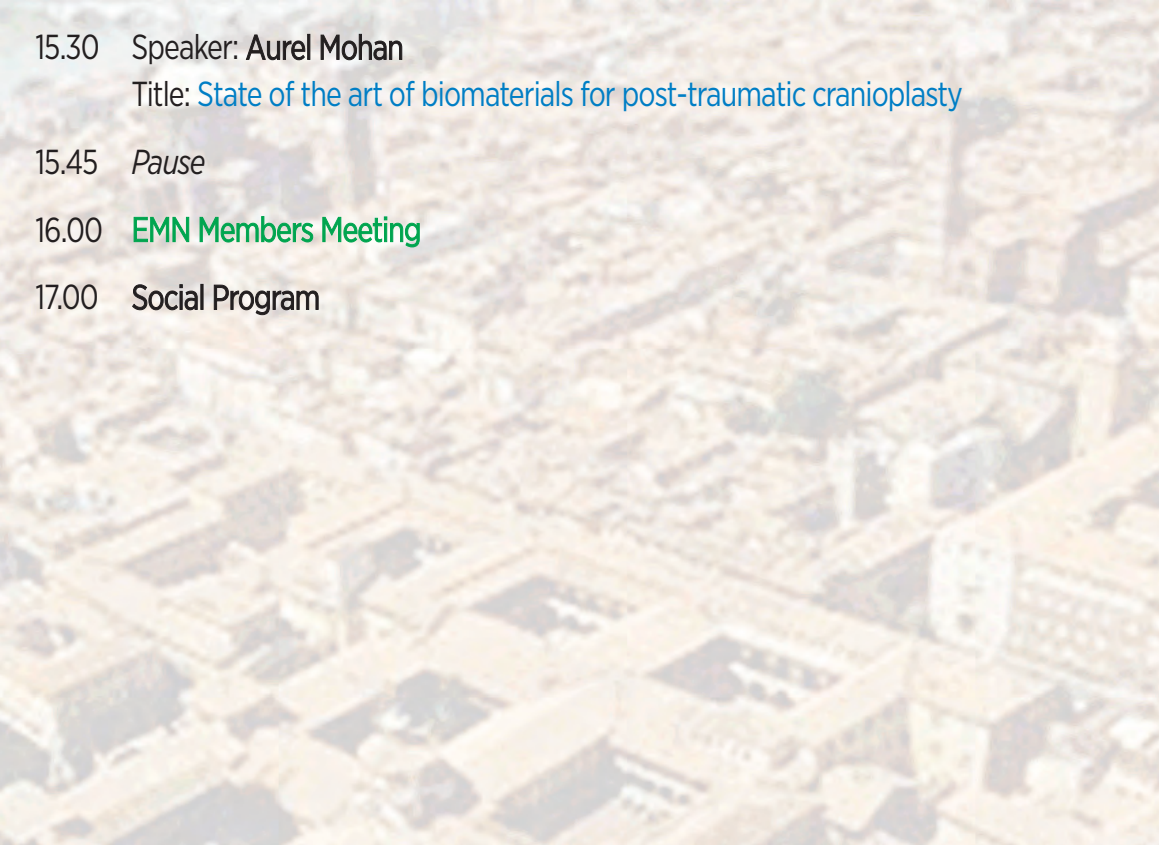
Title: [Somnomat: a smart bed to treat sleep disorders](#)

15.15 Speaker: Horatiu Rotaru

Title: [New fiber-reinforced composite material for custom-made craniofacial implants](#)

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- 
- An aerial, high-angle photograph of a city, likely Rome, showing a dense grid of buildings and streets. The image is slightly blurred and has a warm, golden-brown color palette.
- 15.30 Speaker: Aurel Mohan
Title: [State of the art of biomaterials for post-traumatic cranioplasty](#)
- 15.45 *Pause*
- 16.00 **EMN Members Meeting**
- 17.00 Social Program

A close-up photograph of a bronze statue of Minerva, the Roman goddess of wisdom and warfare. She is depicted wearing a long, flowing orange-brown robe and holding a large, dark, circular shield in her left arm. The background is a clear blue sky.

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27th of MAY, 2017 – Saturday

8.30 EMN PLENARY SESSION

Chairs: **Kresimir Rotim**, **Michela Ferrara**

8.30 Speaker: **Paolo Gaetani**

Title: [Neurosurgical issues of hemorrhagic cerebral lesions](#)

8.45 Speaker: **Daniele Bongetta**

Title: [Update on actual trials on the use of MSC \(mesenchymal Stem Cells\) in BI](#)

9.00 Speaker: **Kresimir Rotim**

Title: [Surgical treatment of subdural hematomas; how I do it and institutional experience](#)

9.15 Speaker: **Stefan I. Florian**

Title: [Factors influencing self-reported outcome after surgery for thoracolumbar fractures](#)

9.30 *Coffee break*

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9.45 PLENARY SESSION

Chairs: **Emilio Ancona**, **Stefan I. Florian**

9.45 Speaker: **Enrico Castelli**

Title: [Neurorehabilitation in pediatric acquired brain injury](#)

10.00 Speaker: **Jean Michel Mazaux**

Title: [Sistemic approach of TBI persons and families](#)

10.15 Speaker: **Odile Kozlowski-Moreau**

Title: [Supporting peoples with brain lesions and disabilities: the organisational model of the TC-AVC 59-62 Network](#)

10.30 Speaker: **Rita Formisano**

Title: [Advancements on QOLIBRI applications](#)

10.45 Speaker: **Mauro Zampolini**

Title: [Narrative Medicine in Neurorehabilitation](#)

11.15 Speaker: **Emilio Ancona**

Title: [Supporting people with disorders of consciousness in dignity and rights: the San Pellegrino Terme paper](#)

11.45 Speaker: **Caterina Pistarini**

Title: [Innovation in Neurorehabilitation Research](#)

12.15 Closing Remarks

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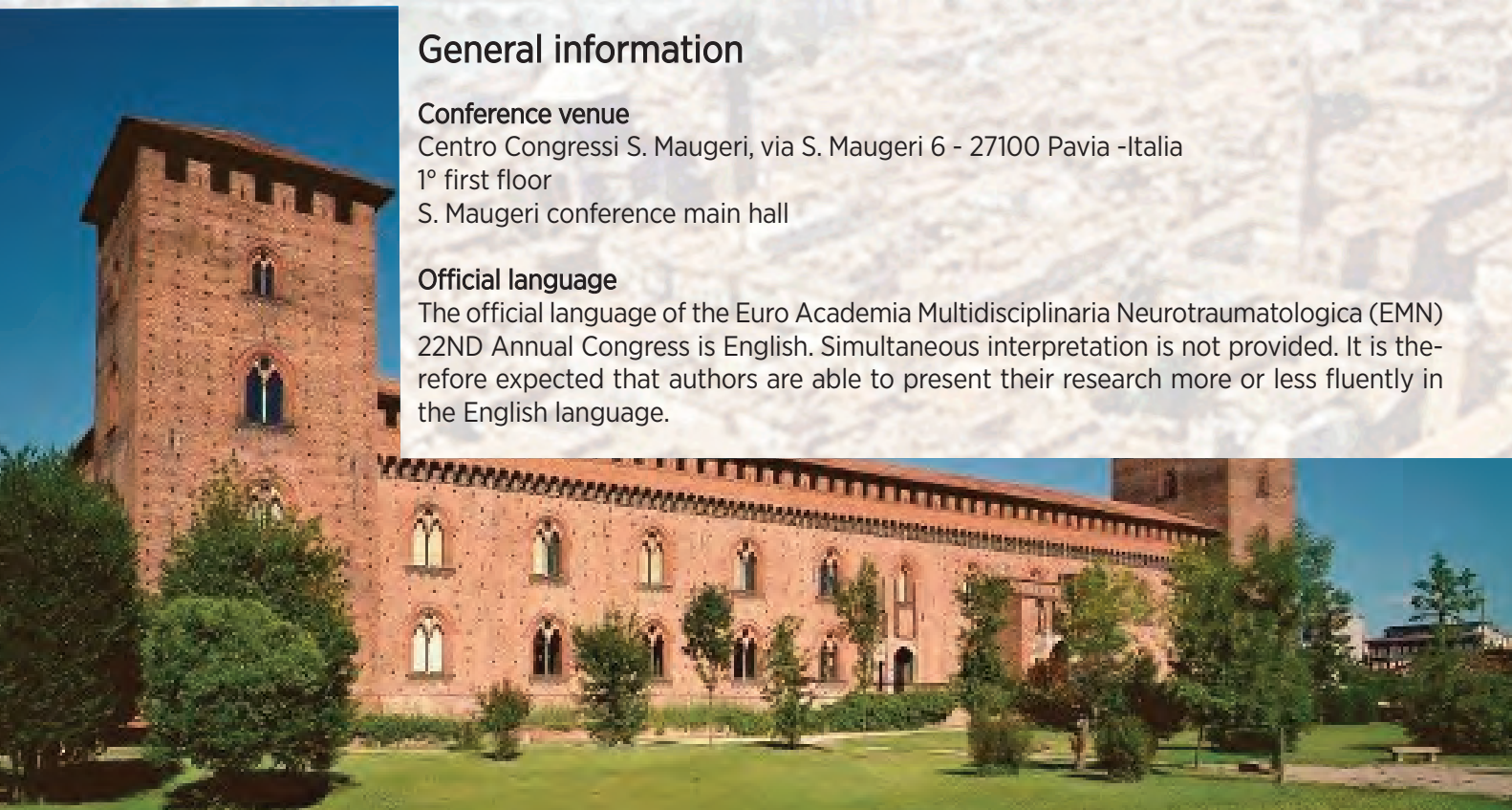
General information

Conference venue

Centro Congressi S. Maugeri, via S. Maugeri 6 - 27100 Pavia -Italia
1° first floor
S. Maugeri conference main hall

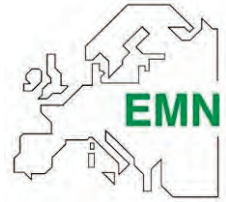
Official language

The official language of the Euro Academia Multidisciplinaria Neurotraumatologica (EMN) 22ND Annual Congress is English. Simultaneous interpretation is not provided. It is therefore expected that authors are able to present their research more or less fluently in the English language.



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The regular abstract submission portal closes on february 28, 2017.

1. Register for the conference www.bquadro-congressi.it (see Registration)
2. Consult the session types to decide how you would like to participate
3. Proceed to the abstract and session submission console
4. Select the New Abstract button on the console page, and follow the on-screen instructions to submit the appropriate abstract type (See important guidelines before you start the submission process: TOPICS)
5. You will receive an email message when you have successfully submitted your abstract to confirm that it has been accepted

Registration

How to apply and register

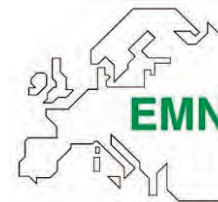
All participants are required to register using the "online form", which can be found on this website and to pay via wire transfer. Please note that the number of places available is limited, so registrations will close within May 21st 2017, or upon completion of the capacity of the conference venue.

Online instructions and registration procedure for new users

1. By filling the personal data and password fields, you will be registered to website. The website will sent automatically a confirm e-mail containing USERNAME and PASSWORD, which will allow you to proceed to the following step.
2. Using USERNAME and PASSWORD in the blue reserved area, you will gain access to the "Event calendar" section. The system will automatically retrieve your personal data after selecting month, event and then "Online registration". Please confirm them selecting "Send". The website will automatically send a PRE-REGISTRATION e-mail for the even.

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Registration form and full payment

If the registration form and full payment are received no later than the registration deadline (11 May 2017), a Congress Bag is included in the registration fee for full delegates/specialists, young specialists, speakers and students. If the registration form and/or full payment are received after the early registration deadline, the Congress Secretariat cannot guarantee that a Congress Bag will be available. All Congress materials will be handed out onsite at the Congress secretariat desk.

To finalise the registration, it is mandatory to send a copy of the wire transfer for the registration fee to Bquadro congressi

Bank account owner: Bquadro congressi srl

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Fees are quoted in euro (EUR) and per person.

Payments in other currencies will not be accepted.

To facilitate easy processing, please be sure to indicate clearly the name of the participant(s), and add the reference following code: 17 PPR02 on the transfer document.

Please make sure all bank fees are covered by the submitting account and that the payment is free of charge for the receiver account

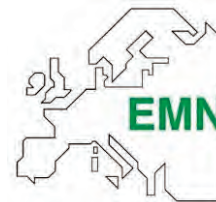
Registration fee

The fee includes: admission to all Scientific Sessions, admission to poster exhibition, the congress kit, certificate of attendance, ECM certificate, welcome cocktail, light lunches.



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Participant Fee (in Euro)

	Within 31/03/2017 (Early Bird)	After 01/04/2017	Onsite registration
delegates/specialists	100 euro	150 euro	180 euro
young specialists	50 euro	80 euro	100 euro

Hotel registration

A number of rooms have been pre-booked for the participants.

We can make reservations in a different range of hotels and offer several price levels up to 03/04/2017. The hotels have limited capacities. It is recommended that you make your hotel booking as early as possible. Rooms will be assigned on a first-come, first-served basis. If the first-choice hotel / category has already been sold out we reserves the right to arrange accommodation in another hotel / category. Payment of the hotel bill will be settled directly with the hotel but the reservation must be guaranteed per credit card.

Please note that the booking fee is 10,00€ per one booking through the Bquadro Agency

No shows for hotel bookings will be charged to your credit card.

After the 3rd, April 2017 you must provide by yourself your accommodation

For information and/or reservation please contact Bquadro Agency by mail beba@bquadro-congressi.it

Hotel	DUS	Double	Location
Hotel Moderno****	130 euro	145 euro	City centre
Hotel Cascina Scova SPA****	120 euro	135 euro	Out skirts by car 10 minutes to the city centre and conference venue Parking free
Hotel Excelsion	95 euro	110 euro	City centre
Hotel Rosengarten***	85 euro	95 euro	City centre
Palazzo Vistarino	70 euro	90 euro	Historical city centre

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26th may 2017
SOCIAL
EVENT

Love like Einstein a De GustiBUS experience

WHAT IS A DEGUSTIBUS?

It's a 'coachload of surprises'. A new way to travel with taste and storytelling. Emotion in motion. The luxury of time that never runs out. Exploration through the senses to explore the senses themselves.

A pleasant, relaxing succession of inspiring places, flavours, music, art and words, brought together in an engaging narration by a genuine storyteller.



Discover the surprising adventures of Albert Einstein in the charming city of Pavia and among the stunning hills of the Oltrepò Pavese in this engaging itinerary as music, science, art and storytelling come together.

Flavour... and love.

The *Love Like Einstein - DegustiBUS* experience includes storytelling and a transfer in GT coach in the centre of Pavia and on the hills of the Oltrepò Pavese, a musical selection on board the coach, an aperitivo including local wines in the city, and a light dinner (pasta/rice dish, dessert, water, wine and coffee) in Oltrepò.

Departure May 26th at 17:30, from ICS Maugeri Spa SB IRCCS.

Cost: €65 per person. Minimum 35 participants, maximum 50.

Bookings through BQuadro Congressi: beba@bquadro-congressi.it

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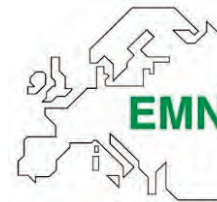
Me in Italy
by VIAGGI di TELS



Viaggi di TELS: via Monferrato 19, 27100 Pavia (Italy) - t. +39 0382578706
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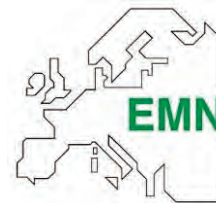
Università degli Studi di Pavia

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EMN organizers, on behalf of all attendees, thank all sponsors, exhibitors and institutional partners for their contributions to make this Annual Congress a memorable event.

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