

Under the Auspices of



# International Workshop on NEUROPHYSIOLOGY, INTRA-OPERATIVE NEUROMONITORING AND NEUROPATHIC PAIN TREATMENT:

## MOVING FROM THEORY TOWARDS PRACTICE

Cagliari, April 12<sup>th</sup>-13<sup>th</sup>, 2018  
Caesar's Hotel

### Aim of the workshop

It is my great pleasure and privilege to cordially invite you to the upcoming "International Workshop on Neurophysiology, Neuro-monitoring and Neuropathic Pain Treatment: Moving from Theory towards Practice" to be held in Cagliari, Italy, 12<sup>th</sup> -13<sup>th</sup> April 2018. This event is essentially a teaching course directed to young Neurologists, Neurophysiologists and Anesthesiologists that are meaning to approach Clinical Neurophysiology, Neuromonitoring Techniques and Neuropathic Pain Treatment. Attendees that are interested in Practical Course of Day 2 will receive a certificate of basic Neurophysiology Formation. Nevertheless, this Workshop will also be a platform for discussion and exchange of experiences between trained Neurophysiologists involved in both Clinical Neurophysiology and Neuromonitoring Practice. Clinicians involved in this field generally have also to manage or cope with Pain. So, I thought it was the right occasion to focus on Neuropathic Pain update. As you certainly know Acute and Chronic Neuropathic Pain are not considered the two faces of the same coin anymore. In fact, Chronic Neuropathic Pain, always arising from Acute Neuroapthic Pain, has been recently classified as a Maladaptive Brain Syndrome. So, I wish to each and every one of you an advantageous Workshop and a pleasant stay in Cagliari.

Giovanni Antonio Putzu  
*Giovanni Antonio Putzu*

### President of the Workshop

**Giovanni A. Putzu**

Head of Neurology and Neurophysiology Department Casa di Cura Sant'Elena KinetiKa Sardegna, Korian Group  
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### Organizing Committee

**Amy Malphrus** Houston, USA  
**Giovanni A. Putzu** Quartu Sant'Elena, CA  
**Sergio Mameli** Cagliari  
**Paolo Cossu** Cagliari  
**Roberto Mammoliti** Cagliari

### Scientific Committee

**Alessandro Zalaffi** Siena  
**Giuseppe Bonavina** Montecatone, Imola  
**Gianluca Muntoni** Quartu Sant'Elena, CA

### Faculty

**Mauro Costaglioli** Quartu Sant'Elena, CA  
**Giovanni Defazio** Cagliari  
**Pier Paolo Mura** Cagliari-Bologna  
**Giovanni Pinna** Cagliari



## FINAL PROGRAM

### Day One Thursday, April 12<sup>th</sup>, 2018

#### I Session:

Chairs **Mauro Costaglioli, Giovanni Pinna**

- 08:45 Presentation of Teaching Course, Chair Greetings from Medical Council President: **Raimondo Ibba**
- 09:00 Lecture: Contribution of Neurophysiology in Clinical Neurology  
**Amy Malphrus**
- 09:40 Discussion
- 09:55 IONM in Major Spinal Surgery  
**Giovanni A. Putzu**
- 10:35 Discussion
- 10:50-11:20 **Break**
- 11:20 Investigating Peripheral Nervous System in Motor and Sensory Disorders with EMG. Diagnosis and Treatment  
**Roberto Mammoliti**
- 12:00 Discussion
- 12:15 Peculiar Aspects of Intra-Operative Neuro-Monitoring (IONM) in Neurosurgery  
**Alessandro Zalaffi**
- 12:45 Discussion
- 13:00-14:00 **Lunch**

#### II Session:

Chairs **Giovanni Defazio, Pier Paolo Mura**

- 14:00 Pharmacological and non-Pharmacological treatment of Acute Neuropathic Pain  
**Paolo Cossu**
- 14:40 Discussion
- 14:55 Neurophysiology in severe brain lesions and minimally conscious state  
**Giuseppe Bonavina**
- 15:15 Discussion
- 15:30 Is Chronic Neuropathic Pain a brain maladaptive Syndrome?  
Is tDCS treatment effective?  
**Giovanni A. Putzu**
- 16:10 Discussion
- 16:25-16:45 **Break**
- 16:45 Electrical modulation: theory and applications  
**Sergio Mameli**
- 17:25 Discussion
- 17:40 Managing anesthesia in spine surgery  
**Gian Luca Muntoni**
- 18:20 Discussion
- 18:50 End of the Session and Organization of the Practice groups for Day Two

### Day Two Friday, April 13<sup>th</sup>, 2018

#### Practical Course

Tutor: **Giuseppe Bonavina, Giovanni A. Putzu, Roberto Mammoliti, Alessandro Zalaffi**

- 09:00-16:30 Practical workshops in EEG, EPs, EMG and IONM
- 10:30-11:00 **Break**
- 12:30-13:30 **Lunch**
- 16:30 End of the Workshop

## GENERAL INFORMATION

### MEETING VENUE

#### CAESAR'S HOTEL

Via Charles Darwin, 2/4 - 09126 Cagliari, Italy  
Ph. +39 070 340750 - [www.caesarshotel.it](http://www.caesarshotel.it)

#### Main distance

To the airport "Elmas" Cagliari 13 km (15')  
To the city center 1,5 m (6')

### REGISTRATION FEES

**Regular** € 250,00 VAT included  
**Junior under 40\*** € 120,00 VAT included  
**Fellows and Students<sup>o</sup>** free registration

\*A copy of a document must be attached to the registration form  
<sup>o</sup> Proof must be provided by the Director of the Program

#### The registration includes:

- participation in scientific sessions
- congress kit
- attendance certificate
- entrance to the exhibition area
- catering provided by the program

### CANCELLATION POLICY

**No refunds will be made for cancellations.**  
Notification of cancellation or substitutions must be made in written to the Organizing Secretariat.

## SCIENTIFIC INFORMATION

### OFFICIAL LANGUAGES

The official languages of the meeting is Italian and English without simultaneous translation. We kindly ask to all speakers to prepare their slides in English.

### CME ACCREDITATION (only for Italian Participants)



Il provider standard My Meeting N. 1396 ha assegnato **n. 14 Crediti E.C.M.** per le seguenti categorie:

- **MEDICO CHIRURGO** discipline: Anestesia e Rianimazione, Ortopedia e Traumatologia, Neurochirurgia, Neurologia, Neurofisiopatologia, Reumatologia, Neuropsichiatria infantile, Medicina Fisica e Riabilitazione
- **TECNICO DI NEUROFISIOPATOLOGIA**

#### Evento Residenziale RES n. 220128.

L'accreditamento è stato effettuato per l'intero evento in un'unica soluzione per un massimo di 100 partecipanti, n. 14 ore di lavoro di cui n.6 ore di attività formativa interattiva. Il test di apprendimento sarà in italiano.

**Obiettivo Formativo E.C.M.:** Contenuti tecnico-professionali (conoscenze e competenze) specifici di ciascuna professione, ciascuna specializzazione e di ciascuna attività ultraspecialistica. Malattie rare. (18)

I crediti formativi saranno certificati dal **Provider My Meeting N. 1396** secondo le Normative della CNFC pubblicate sul sito [www.agenas.it](http://www.agenas.it)  
L'attestato conferente i crediti formativi assegnati all'evento, sarà inviato all'indirizzo privato con posta PEC soltanto ai partecipanti che avranno frequentato almeno il 90% del percorso formativo accreditato e riconsegnato le schede di valutazione e il test di apprendimento debitamente compilati con il raggiungimento del 75% delle risposte esatte.

### ATTENDANCE CERTIFICATE

At the end of the Workshop an attendance certificate and a certificate of Basic Neurophysiology Formation will be given to all registered participants.

### AUDIOVISUAL EQUIPMENT

PC Projection (only PPT file on CD or on a memory stick, USB port or DVD) will be provided. Speakers are kindly requested to contact the Slide Center, located inside the meeting hall, at least one hour before their presentation in order to test all the audiovisual material.

The presentation will be forwarded through Local Area Network (LAN) directly to the Podium. The use of personal laptop (MAC/PC) is allowed directly in the meeting hall, don't forget the adaptor for VGA cable; the speaker must check it with the technician.

The Organizing Secretariat accepts no responsibility for any lost audiovisual material that was not collected or left unattended. **Remember to adhere strictly to the time allotted for each presentation.**

### 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

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M1 - Stampato Aprile 2018



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