



# STRESA HEADACHE SEMINAR 2015

SCIENTIFIC PROGRAMME

Regina Palace Hotel  
Stresa (VB), Italy  
28-30 May 2015



# STRESA HEADACHE SEMINAR 2015

## **Patronage requested**

President of Italian Republic

Italian Minister of Health

ANIRCEF – Italian Neurological Association for Headache Research

ASC – Association for Instruction on Headaches

FICEF Onlus – Italian Headache Foundation

C. Besta Neurological Institute and Foundation

SIN – Italian Neurological Society

SNO – Society of Hospital Neurologists

IHS – International Headache Society

## **President**

Gennaro Bussone (Milan)

## **Scientific Committee**

Giovanni B. Allais (Turin)

Vincenzo Bonavita (Naples)

Gennaro Bussone (Milan)

Giovanni D'Andrea (Padua)

Paola Di Fiore (Milan)

Fabio Frediani (Milan)

Licia Grazzi (Milan)

Vincenzo Tullo (Milan)

[stresa2015@asc-scuolacefalee.it](mailto:stresa2015@asc-scuolacefalee.it)

# INTRODUCTION

*Unlike the Stresa meetings from 1999 to 2013, which focused on specific aspects of headache conditions, I intend the present Headache Seminar to concentrate on current clinical research and treatment for primary and secondary headaches.*

*This will include social aspects of headache conditions, the pathophysiology of primary headaches – with emphasis on the latest neurophysiological and neurochemical findings – and recent theories on the chronicization of migraine.*

*Recent functional neuroimaging findings, as they pertain to adult migraine, adolescent migraine, and cluster headache, will be also be presented. This discipline continues to provide new data clarifying relations between cortical circuits and the trigemino-vascular system. Other lectures will explore the classification of chronic headaches, the diagnosis and treatment of adolescent migraine, relations between migraine with aura and acute cerebrovascular conditions, the significance of patent foramen ovale in migraine with aura, and headache in women. Other speakers will discuss headaches related to autoimmune conditions, benign idiopathic hypertension without papilledema, and visual disturbances. As part of the session on Clinical Aspects of Headaches there will be a*

*lecture on headache in demyelinating autoimmune conditions, with particular reference to migraine headache in multiple sclerosis.*

*There will be Symposium presenting new data on the use of botulinum toxin in the prophylaxis of migraine without aura and chronic migraine. There will also be the Symposium of the Italian Headache Foundation (FICEF), during which the definitive results of two clinical studies will be presented: the role of pharmacists in migraine management, and influence of lifestyle and adolescent headache.*

*An important session will be concerned with novelties in the pharmacological treatment of primary headaches, and also with long-term results of cutaneous and deep brain neurostimulation in patients with primary chronic drug-resistant headaches.*

*There will be a poster session and a brief communications session.*

*The Seminar is distinguished by the high quality of its speakers and the topicality of the themes treated. I hope that, like previous meetings, it will prove an important updating opportunity for all participants. I thank all who contributed, particularly Eva Communication for their unflagging organisational effort.*

**Gennaro Bussone**

# Thursday 28 May 2015

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- 14.00-15.00 Registration
- 15.00-15.10 Welcome, honoured guests
- 15.10-15.15 President's welcome  
**G. Bussone**

## WORKSHOP - SOCIAL ASPECTS OF HEADACHES

Chairs: G. D'Andrea, M.C. Narbone

- 15.15-15.30 Burden of headaches  
**M. Leonardi**
- 15.30-15.45 Patient-reported outcome measures to stratify chronic migraine patients in different treatment intensity regimens  
**A. Raggi**
- 15.45-16.00 Migraine related disability: focus on work activities  
**D. D'Amico**
- 16.00-16.20 Integrating nonpharmacological with pharmacological treatments in a comprehensive headache treatment center  
**F. Andrasik**
- 16.20-16.30 *Discussion*

## SYMPOSIUM - PATHOPHYSIOLOGY OF PRIMARY HEADACHES

Chairs: P. Barbanti, L. Grazzi

- 16.30-16.50 Physiopathology of Cephalic Pain: Where are we?  
**A. Panerai**

- 16.50-17.10 Rationale for use of BOTOX in chronic migraine  
**P. Barbanti**
- 17.10-17.30 Botulinum toxin in migraine prophylaxis: Italian neurological experience  
**L. Grazzi**
- 17.30-17.45 *Discussion*
- 17.45-18.00 Concluding remarks  
**G. Bussone**

## SESSION - BRIEF COMMUNICATIONS

Chairs: R. De Simone, G. Pierangeli

- 18.00-19.00 Presentation of brief communications

# Friday 29 May 2015

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## SESSION - POSTERS

Chairs: F. d'Onofrio, P. Querzani

- 8.30-9.00 Viewing and discussion of posters

## SESSION - MIGRAINE: NEWS IN PATHOPHYSIOLOGY

Chairs: B. Colombo, F. Frediani

- 9.00-9.20 Neuronal hyperexcitability and headache: an overview of research findings  
**M. Aguggia**
- 9.20-9.40 Biochemistry of primary headaches: state of the art  
**G. D'Andrea**

9.40-10.00 Role of pseudotumor cerebri in the chronicization of migraine  
**R. De Simone**

10.00-10.15 *Discussion*

10.15-10.30 *Coffee break*

## SESSION - NEUROIMAGING

Chairs: P. Cortelli, G. Tedeschi

10.30-10.50 Functional neuroimaging and migraine pathogenesis: an update  
**G. Tedeschi**

10.50-11.10 Alteration of resting state connectivity imaging in adolescent migraineurs  
**B. Colombo**

11.10-11.30 Functional neuroimaging in Cluster Headache: new data  
**L. Chiapparini**

11.30-11.45 *Discussion*

## SESSION - CLINICAL ASPECTS OF HEADACHES (PART I)

Chairs: G.B. Allais, G. Bussone

11.45-12.05 Chronic headaches: a clinician's experience of the 2013 IHS Classification  
**G.C. Manzoni**

12.05-12.25 Migraine in the adolescent: diagnostic and therapeutic approaches  
**R. Sangermani**

12.25-12.30 *Discussion*

## SIMPOSIUM - NEUROSTIMULATION: PRINCIPLES AND PRACTICE

Chairs: G. Bussone, J. Schoenen

- 12.30-12.55 Transcutaneous neurostimulation with Cefaly® in migraine.  
What is evidence based? What is experience-based?  
**J. Schoenen**
- 12.55-13.10 EMG evaluation in chronic migraine patients by using neurostimulation with Cefaly® device: instrumental and clinical data  
**H. Didier**
- 13.10-13.15 *Discussion*
- 13.15-14.30 *Buffet lunch*

## SESSION - CLINICAL ASPECTS OF HEADACHES (PART II)

Chairs: M. Aguggia, G.C. Manzoni

- 14.30-14.50 Migraine with aura: which patients are most at risk of stroke?  
**F.A. de Falco**
- 14.50-15.10 Patent foramen ovale: myth or realty?  
**C. Finocchi**
- 15.10-15.30 Headache in subarachnoid hemorrhage and endovascular procedures  
**E. Agostoni**
- 15.30-15.45 *Discussion*

## SESSION - CLINICAL ASPECTS OF HEADACHES (PART III)

Chairs: P. Torelli, D. Zarcone

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|-------------|--|
| 15.45-16.05 | HaNDL syndrome<br><b>F. Frediani</b>   |
| 16.05-16.25 | Headache in multiple sclerosis<br>and autoimmune disorders<br><b>L. La Mantia</b>  |
| 16.25-16.45 | Modern diagnostic and therapeutic approaches to<br>idiopathic intracranial hypertension without<br>papilledema<br><b>F. Bono</b> |
| 16.45-17.00 | <i>Discussion</i>  |
| 17.00-17.30 | <i>Coffee break</i>  |

## SESSION - CLINICAL ASPECTS OF HEADACHES (PART IV)

Chairs: D. D'Amico, C. Finocchi

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|-------------|--|
| 17.30-17.50 | Migraine in perimenopausal women<br><b>G.B. Allais</b>   |
| 17.50-18.10 | Headaches attributed to visual disturbances<br><b>S. Bianchi Marzoli</b>   |
| 18.10-18.20 | <i>Discussion</i>  |
| 18.20-18.50 | <b>ANIRCEF PRESIDENT'S LECTURE</b><br>The behavioural model of headache<br><b>P. Cortelli</b><br><i>Introduced by G. Bussone</i> |
| 21.00       | <i>Dinner</i>  |



# Saturday 30 May 2015

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## SESSION - POSTERS

Chairs: F. d'Onofrio, P. Querzani

8.30-9.00            Viewing and discussion of posters

## FICEF SYMPOSIUM

Chairs: V. Bonavita, G. Bussone

9.00-9.20            The role of the community pharmacist in the  
management of headaches: a survey in Piedmont, Italy  
**P. Brusa**

9.20-9.40            Headache and lifestyle  
**G. Casucci**

9.40-9.50            *Discussion*

9.50-10.20          **LECTURE**  
A lesson of chronic migraine  
**V. Bonavita**  
*Introduced by G. Bussone*

## SESSION - NEWS ON THE TREATMENT OF PRIMARY HEADACHES

Chairs: G. Broggi, A. Rapoport

10.20-10.40          News on treatment of primary headaches from the USA  
**A. Rapoport**  
*Introduced by P.B. Rizzoli*

10.40-11.00          Cutaneous neurostimulation in primary headaches:  
the Italian experience  
**L. Grazzi**

- 11.00-11.20      Advanced technologies and novel neurostimulation targets in TACs  
**G. Lambru**
- 11.20-11.40      Surgical neurostimulation of primary headaches: update and review  
**A. Franzini**
- 11.40-12.00      *Discussion*
- 12.00-12.10      Oral presentation of best poster
- 12.10-12.20      Prize-giving best short communication and best poster
- 12.20-12.30      Closing Remarks  
**G. Bussone**

# SPEAKERS and CHAIRS

## **ELIO AGOSTONI**

Head, Neurology and Stroke Unit, Niguarda Cà Granda Hospital, Milan, Italy

## **MARCO AGUGLIA**

Director, Neurology Unit, Cardinal Massaia Hospital, Asti, Italy

## **GIOVANNI B. ALLAIS**

Head, Women's Headache Centre, Department of Surgical Sciences, University of Turin, Italy

## **FRANK ANDRASIK**

Distinguished Professor and Chair, Psychology Department, University of Memphis, TN, USA

## **PIERO BARBANTI**

Director, Headache and Pain Unit, Department of Neurological, Motor and Sensorial Sciences, San Raffaele, Rome, Italy

## **STEFANIA BIANCHI MARZOLI**

Ophthalmologist, Neuro-ophthalmology Service and Ocular Electrophysiology Laboratory, Ophthalmology Unit, Istituto Auxologico Italiano, Milan, Italy

## **VINCENZO BONAVITA**

Emeritus Professor of Neurology, Faculty of Medicine and Surgery, Federico II University, Naples, Italy

## **FRANCESCO BONO**

Director, Headache Centre, Clinical Neurology, Mater Domini Hospital, University Campus, Catanzaro, Italy

## **GIOVANNI BROGGI**

Director Emeritus, Neurosurgery Unit, Department of Neurosurgery, C. Besta Neurological Institute and Foundation, Milan, Italy

## **PAOLA BRUSA**

Lecturer in Socioeconomic Technology and Pharmaceutical Legislation, Department of Drug Science and Technology, University of Turin, Italy

**GENNARO BUSSONE**

Founder and Director-Emeritus, The Centre for Headache, C. Besta Neurological Institute, and Scientific Director, Italian Headache Foundation (FICEF-charity), Milan, Italy

**GERARDO CASUCCI**

Head, General Medicine Unit, Neurology and Clinical Neurophysiology Service, S. Francesco Hospital, Telesse Terme (BN), Italy

**LUISA CHIAPPARINI**

Senior Neuroradiologist, C. Besta Neurological Institute and Foundation, Milan, Italy

**BRUNO COLOMBO**

Head, Headache Centre, Department of Neurology, San Raffaele Hospital, University Vita-Salute, Milan, Italy

**PIETRO CORTELLI**

Professor of Neurology, Department of Neurological Sciences, University of Bologna, Italy

**DOMENICO D'AMICO**

Senior Neurologist, Headache Unit, C. Besta Neurological Institute and Foundation, Milan, Italy

**GIOVANNI D'ANDREA**

Head, Laboratory for Headache Research and Innovation, Città della Speranza, Padova, Italy

**FLORINDO D'ONOFRIO**

Senior Neurologist, Neurology Unit and Head of Headache Centre, Moscati Hospital, Avellino, Italy

**FABRIZIO A. DE FALCO**

Director, Neurology Unit, Loreto Nuovo Hospital, Local Health Unit NA 1, Naples, Italy

**ROBERTO DE SIMONE**

Head, Headache Centre, Department of Neurological Sciences, Federico II University, Naples, Italy

**HENRI A. DIDIER**

Dentist, Dentistry and Maxillofacial Surgeon, IRCCS Foundation Ca' Granda - Ospedale Maggiore Policlinico, Milan, Italy

**CINZIA FINOCCHI**

Senior Neurologist, Headache Centre, Department of Neurological Sciences, Ophthalmology, Genetics and Mother-Child Sciences, University of Genova, Italy

**ANGELO FRANZINI**

Head, Neurosurgery III, C. Besta Neurological Institute and Foundation, Milan, Italy

**FABIO FREDIANI**

Director Headache Centre, Neurology and Stroke Unit, S. Carlo Borromeo Hospital, Milan, Italy

**LICIA GRAZZI**

Senior Neurologist, Headache Unit, C. Besta Neurological Institute and Foundation, Milan, Italy

**LOREDANA LA MANTIA**

Consultant Neurologist, Unit of Neurorehabilitation, Multiple Sclerosis Centre, Santa Maria Nascente Don Gnocchi Institute of Research and Treatment, Milan, and Department of Clinical Neurology, Multiple Sclerosis Centre, Ca' Granda Hospital, Milan, Italy

**GIORGIO LAMBRU**

Clinical Research Fellow, Institute of Neurology and National Hospital for Neurology and Neurosurgery, London, UK

**MATILDE LEONARDI**

Scientific Director, Coma Research Centre, C. Besta Neurological Institute and Foundation, Milan, Italy

**GIAN CAMILLO MANZONI**

Professor of Neurology, Department of Clinical and Experimental Medicine, Unit of Neurology, University of Parma, Italy

**MARIA CAROLA NARBONE**

Neurologist, Messina, Italy

**ALBERTO PANERAI**

Professor of Pharmacology, Department of Pharmacological Sciences and Biomolecular, University of Milan, Italy

**GIULIA PIERANGELI**

Researcher, Institute of Neurological Sciences, Department of Biomedical and Neuromotor Sciences, University of Bologna, Italy

**PIETRO QUERZANI**

Senior Physician, Neurology Operating Unit, Local Health Unit, Ravenna, Italy

**ALBERTO RAGGI**

Psychologist, Unit of Neurology, Public Health and Disability, C. Besta Neurological Institute and Foundation, Milan, Italy

**ALAN M. RAPOPORT**

Clinical Professor of Neurology, David Geffen School of Medicine, UCLA, Los Angeles, California, USA

**PAUL B. RIZZOLI**

Assistant Professor of Neurology, Harvard Medical School, Clinical Director, Fellowship Director, John R. Graham Headache Center, Faulkner Hospital, Boston, USA

**ROBERTO SANGERMANI**

Pediatric Neurologist, Pediatric Unit and Head of Emergency Room, San Carlo Borromeo Health Unit, Milan, Italy

**JEAN SCHOENEN**

Honorary Professor of Neurology, Liege University, Liege, Belgium

**GIOACCHINO TEDESCHI**

Professor of Neurology, II University of Naples, Italy

**PAOLA TORELLI**

University Researcher, Headache Centre, Department of Clinical and Experimental Medicine, University of Parma, Italy

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# SCIENTIFIC INFORMATION

## Official language of Congress

The official language of Congress is Italian.  
Translation is not provided.

## ECM

As prescribed by the Italian Ministry of Health in the framework of the Italian National Continuing Medical Education (CME) Program, the Congress releases CME credits to Physicians, Pharmacists, Psychologists, and Dentists.

Provider: Association for Instruction in Headache (ASC – Associazione per una Scuola delle Cefalee, ID 619).

## Abstracts

Abstract forms can be downloaded from [www.anircef.it](http://www.anircef.it). Abstracts must be in English, submitted on the abstract form and conform to the instructions present on the ANIRCEF site.

Abstracts must arrive at the Scientific Secretariat by e-mail ([stresa2015@asc-scuolacefalee.it](mailto:stresa2015@asc-scuolacefalee.it)) no later than **15 January 2015**. The Scientific Secretariat inform authors whether or not their Abstracts have been accepted by 5 February 2015.

## Brief communications

Brief communications in English only, will be published as brief articles in the Proceedings of the Seminar, in *Neurological Sciences - Official Journal of the Italian Neurological Society*.

## Posters

Abstracts of accepted posters, in English only, will be published in Proceedings of the Seminar, in *Neurological Sciences - Official Journal of the Italian Neurological Society*.

The author of the best poster will have the opportunity to present the work as a brief communication during one of the Sessions.

## Prizes

Prizes for the best brief communication and best poster, as judged by the Scientific Committee, will be awarded in a ceremony at the end of the proceedings. Authors should be present to receive their award – if not the prize will go to the runner-up.

# GENERAL INFORMATION

## Scientific Secretariat

E-mail: [stresa2015@asc-scuolacefalee.it](mailto:stresa2015@asc-scuolacefalee.it)

## Organizing Secretariat

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## Provider ECM



ASC

Associazione per una

Scuola delle Cefalee

ID 619

[www.anircef.it/opencms/sezioni/asc/cosaASC/](http://www.anircef.it/opencms/sezioni/asc/cosaASC/)

## Congress Venue

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## Press Office

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## Accommodation

The Organizing Secretariat will be pleased to provide information on hotels in Stresa and help with booking.



## Seminar fees and how to register

VAT included	Complete	Without dinner *	Dinner
Normal	€ 500,00	-	-
Young doctor*	€ 250,00	€ 200,00	-
Companion	-	-	€ 100,00

\* available only to young doctors who have not yet obtained a specialization

The Registration Form can be downloaded from [www.anircef.it](http://www.anircef.it)  
 Completed Registration Forms, together with proof of payment, must arrive at the Organizing Secretary no later than **15 April 2015**.  
 Registration after 15 April will cost 20% extra.  
 Late registrations can be accepted up to 15 May. After that date it will be only be possible to register at the Seminar itself.

Those who pay the registration fee are entitled to:

- A certificate of attendance
- The Seminar Proceedings (Neurological Sciences Supplement)
- The Congress kit
- Lunch (Friday 29 May)
- Dinner (Friday 29 May) - except young doctors who pay the reduced fee
- Coffee breaks

### How to pay

- \* Send a check, made out to EVA Communication Srl at Via R.R. Pereira 151/D, 00136 Roma.
- \* Pay by bank draft with beneficiary EVA Communication Srl. The draft should be directed to Banca Intermobiliare Investimenti e Gestioni SpA, Filiale di RM, IBAN IT 15 | 03043 03200 0045 7000 4162

### Penalty

For cancellation 60 days or more before the start of the Seminar, the entire fee is reimbursed minus banker's charges.

For cancellation less than 60 but more than 30 days before the start of the Seminar, an administrative fee of 25% will be deducted from the reimbursement.

In the event of cancellation less than 30 days before the start of the Seminar no reimbursement is payable.

