

INTERNATIONAL MEETING
From Carlo Matteucci to Giuseppe Moruzzi:
two centuries of European Physiology
A satellite of the 15th Annual Meeting of the
International Society for the History of the Neurosciences

Villa di Corliano, (Pisa)
22-26 June 2010



with a special contribution from
Rita Levi-Montalcini

**At the meeting there will be a prepublication display of a
bilingual (Italian/English) book on Giuseppe Moruzzi
illustrated with many previously unpublished images of his life and works
This book will be published in September 2010
People interested in purchasing a copy of this book can send a message to
info@edizioniets.com
or to the meeting organizers**



SPONSORING INSTITUTIONS

Club d'histoire des neurosciences de la Société des Neurosciences, Paris.
Istituto e Museo di Storia della Scienza, Firenze
International Society for the History of Neurosciences.
Scuola Normale Superiore, Pisa.
Università di Ferrara.
Università di Pavia - Sistema Museale d'Ateneo.
Université Pierre et Marie Curie – Paris.
Université Diderot – Paris.

IMPORTANT NOTICE TO ALL PARTICIPANTS:

**With regard to accommodation, all arrangements will be made through the management of Villa di Corliano:
info@corliano.it tel: +39050818193
Please note that all the digits should be used when dialling)**

Organizing Committee:

Jean- Gaël Barbara, Cesira Batini, Michel Meulders, Marco Piccolino and Nicholas J. Wade.

FINAL PROGRAM

TUESDAY JUNE 22ND
VILLA DI CORLIANO

- 9:30-9:45 **WELCOME BY THE HOSTS**
- 9:45-10:15 **HISTORICAL INTRODUCTION**
Alessandro Baldassari: *The "Villa of Corliano" between art and history*
- 10:15-11:45 **OPENING SESSION: INTRODUCING MATTEUCCI AND MORUZZI:**
- 10:15 Marco Piccolino, Ferrara.
The electrophysiological work of Carlo Matteucci.
- 10:45 Michel Meulders
Giuseppe Moruzzi: scientist and humanist.
- 11:15 COFFEE BREAK**
- 11:45-12:15 Rita Levi-Montalcini, Roma.
Giuseppe Moruzzi, a "formidable" scientist and a "formidable" man.
- 12:15 **APERITIF AND LUNCH**
- 15:00-16:00 **MATTEUCCI AND HIS TIME**
- 15:00 Simone Contardi and Mara Miniati, Firenze: *Educating heart and mind: Vincenzo Antinori and the scientific culture in the nineteenth century Florence.*
- 15:30 Renato Mazzolini, Trento, Italy: *Carlo Matteucci, between France and Italy.*
- 16:00 **COFFEE BREAK**
- 16:15-18:30 **THE BEGINNING AND DEVELOPMENT OF ELECTROPHYSIOLOGY**
- 16:30 Nicholas J. Wade, Dundee, *Stimulating the senses.*
- 17:00 Bresadola, Ferrara: *Matteucci and the legacy of Luigi Galvani.*
- 17:30 Gabriel Finkelstein, Denver: *Matteucci and du Bois-Reymond: A bitter rivalry.*
- 18:00 Germana Pareti and Armando De Palma, Torino: *A conservative revolution: Julius Bernstein and the "membrane theory".*
- 20:00 **DINNER**

WEDNESDAY JUNE 23RD
VILLA DI CORLIANO

900 - 13:30 AM NEUROSCIENCES FROM NINETEENTH TO TWENTIETH CENTURY

9:30 Anne Boullerne, *From neurophysiology to neuroanatomy: the transition from Claude Bernard to Louis-Antoine Ranvier.*

10 Helmut Kettenmann, Berlin: *How the concept of glia evolved.*

10:30 Paolo Mazzarello, Pavia: *The rising and fall of the Golgi's school.*

11 Camillo Di Giulio, Vittore Verratti and Samuele Marcora Chieti, Italy: *Angelo Mosso: A holistic approach to muscular fatigue.*

11:30 **COFFEE BREAK**

NEUROSCIENCES FROM NINETEENTH TO TWENTIETH CENTURY

12:00 Daniele Marasco, Foggia, Italy: *The great era of English electrophysiology from Francis Gotch to Hodgkin-Huxley.*

12:30 Jean- Gaël Barbara, Paris: *The birth of French neurophysiology and torpedo fish research.*

13:00 Henri Korn, Paris, France: *A gallant controversy about the nature of inhibition : Eccles versus Lloyd.*

13:30 **LUNCH**

AFTERNOON: EXCURSION TO LUCCA WITH VISIT TO VILLA MARLIA

THURSDAY JUNE 24TH
VILLA DI CORLIANO

9:30-12:30 **PERSPECTIVES ON NEUROSCIENCES I**

9:30 Arnold Starr, Irvine: *How early physiological studies of auditory function led to objective measures of hearing in humans.*

10:00 Alberto Cangiano, Verona. *The neuromuscular junction and the development of neural connections.*

10:30 Gerhard Dalenoort and Pieter de Vries, Groningen: *The relevance of some historical conceptual problems for present-day theories of mind and brain.*

11:00 **COFFEE BREAK**

PERSPECTIVES ON NEUROSCIENCES II

11:30 Enrica Santarcangelo, Pisa: *From animal to human hypnosis: the role of cognitive traits in the individual "sensori-motor self".*

12:00 Giancarlo Carli, Siena: *Historical perspective and modern views on pain physiology: from psychogenic pain to hyperalgesic priming.*

12:30 François Clarac, France: *The Laurentides meeting in 1953: The reticular formation as a substratum of consciousness.*

13:00 **LUNCH**

AFTERNOON, VISIT TO THE CERTOSA OF CALCI AND TO THE MUSEUM OF NATURAL HISTORY OF CALCI

FRIDAY JUNE 25TH
VILLA DI CORLIANO

- 9:30-10:30 **THE WORKS OF MORUZZI, PART I**
- 9:30 Piergiorgio Strata, Università di Torino: *Giuseppe Moruzzi and the physiology of the cerebellum.*
- 10:00 Cesira Batini, Anne Beaumanoir and Suzanne Tyc-Dumont, Paris: *The French connection.*
- 10:30 **COFFEE BREAK**
- 11:00 Pierlorenzo Marchiafava, Pisa: *1959-2009: Fifty years of experiments in Via San Zeno.*
- 11:30 Terje Lømo, Oslo: *Memories and after-effects of a year (1958-59) as student and resident at Istituto di Fisiologia in Pisa.*
- 12:00 **LUNCH**
- 14:30-1700 **THE WORKS OF MORUZZI, SECOND PART**
- 14:30 Florin Amzica, Montreal: *The Moruzzi and Steriade legacy: from sleep to wakefulness and back.*
- 15:00 Daniela Musumeci, Pisa: *Sleep as an instinct: the last experimental research of Moruzzi.*
- 16:00 Marina Bentivoglio, Verona: *Sleep at Moruzzi's times and today.*
- 16:30 Leopoldo Nicotra, Pisa: *From Rome to Pisa: building the "Moruzzatore".*
- 17:00 Brunello Ghelarducci, Pisa: *Moruzzi as a teacher and as an advocate and organizer of science in Pisa.*
- 20:00 **GALA DINNER**

SATURDAY, JUNE 26TH

"ISTITUTO DI FISIOLOGIA" DELL'UNIVERSITA' DI PISA, VIA SAN ZENO 33

- 9:00-11:00 **MORUZZI AND HIS INSTITUTE**
- 9:00 Alberto Zanchetti, Milano: *From Parma to Pisa: building up a big physiological Institute.*
- 9:30 **VISIT OF THE INSTITUTE GUIDED BY THE PRESENT DIRECTOR**

PISA CITY HALL - SALA DELLE BALEARI . PALAZZO GAMBACORTI, VIA DEGLI UFFIZI - PISA

PISA AND MORUZZI

11:00-12:00 Welcome by the Mayor of Pisa, Marco Filippeschi, and by the Cultural Director, Silvia Panichi

Launch of the book: *Giuseppe Moruzzi, Ritratti di uno scienziato, Portraits of a scientist*, ETS, Pisa 2010, edited by M. Meulders, M. Piccolino and N. Wade

Chair and Introduction by Giovanni Berlucchi

Michele Zappella: *The holiness of the Scientist. Moruzzi in Via San Zeno narrated by Mario Tobino*

Pier Francesco Listri: *Pisa 1963, walking with a scientist*

13:15 Aperitif offered by the Municipality of Pisa

12:30 **APERITIF OFFERED BY THE MUNICIPALITY OF PISA**

END OF THE MEETING

The venue:

The meeting will be held in Villa di Corliano, one of the splendid mansions of Tuscany. It was described by Vincenzo Pitti in 1616 as the “most beautiful palace in the neighbourhood of Pisa”. It is situated within the magnificent scenery of the Monte Pisano (“... *monte per che i Pisan veder Lucca non ponno.*” Dante, Inferno, Canto XXIII). More information concerning the Villa can be found at the following links:

<http://www.corliano.it/home.php?lang=en&redirect=http://www.corliano.it/>

http://en.wikipedia.org/wiki/Villa_di_Corliano

In addition to the beauty of the Villa and the hospitality of the hosts, the location is particularly apposite for the meeting. Between 1850-1854 it was a temporary residence of Carlo Matteucci, and it was also frequented by Giuseppe Moruzzi in the period of his historical research on Matteucci. During the days of the meeting visits to artistic and historical sites in the region of Pisa and Lucca are planned; these are connected in various ways with Matteucci and Moruzzi.

Pisa has an airport and is well connected with many European cities, also through low-cost flights (Easyjet with Paris, many other cities through Ryanair).

Click here to obtain practical direction if arriving by car to the Villa. There is a bus service (run by the Lazzi company) from Pisa airport and in the proximity of Pisa train station to Corliano with buses approximately at every hour. The line is Pisa- Lucca via Ripafratta. The organizers will try if possible to send cars to pick up colleagues arriving to Pisa at both places. Please call the hotel (+39050818193) or Marco Piccolino's mobile (+393284909380).

To obtain practical information on how to reach the Villa di Corliano by car click here:



or, if you have a GPS navigation system, write down the address: Via statale abetone 50, San Giuliano Terme, Pisa or simply "Villa di Corliano" according to the system.

Accommodation and practical information

Limited accommodation is available in Villa di Corliano. There are hotels in the close vicinity which will apply the special tariff of 40 EU per person, breakfast included.



There are only limited places available at these tariffs, reservations should be made as soon as possible,

For reservation please address to the management of Villa di Corliano: info@corliano.it (tel. +39050818193, English spoken).

For any additional information, question or comment, please send an email to Marco Piccolino or Nick Wade at the following addresses:

marco.piccolino@yahoo.com

n.j.wade@dundee.ac.uk

Registration

There is no registration fee for the conference. However, in order to facilitate catering arrangements, it would be appreciated if non-speakers who intend to attend inform the management at Villa di Corliano beforehand: info@corliano.it