

Ettore Majorana Centre for Scientific Culture
Erice, Italy - March 3 to 9, 2017

Program

7th International Course of Neuroepidemiology: Methods and Clinical Applications

FRIDAY, MARCH 3, 2017

Arrival and accommodation

SATURDAY, MARCH 4, 2017

Morning Session (8:30 – 12:15): Surveys in Neurology

8:30 - 8:40	Welcome	
8:40 - 9:00	Introduction to the Course <i>W.A. Rocca (Rochester, MN - U.S.A.)</i>	
9:00 - 9:45	Basic Ideas and Terminology <i>W.A. Rocca (Rochester, MN - U.S.A.)</i>	
9:45 - 10:30	Population Surveys: Part 1 <i>W.A. Rocca (Rochester, MN - U.S.A.)</i>	
10:30 - 11:00		<i>Coffee Break</i>
11:00 - 11:45	Population Surveys: Part 2 <i>W.A. Rocca (Rochester, MN - U.S.A.)</i>	
11:45 - 12:15	General Discussion	
12:15 - 15:00		<i>Lunch Break</i>

Afternoon Session (15:00 – 18:30): Risk Factors: Examples

15:00 - 15:45	Risk and protective factors for stroke <i>T. Kurth (Berlin - Germany)</i>	
15:45 - 16:30	Analytical Epidemiology of Migraine <i>T. Kurth (Berlin - Germany)</i>	
16:30 - 17:00		<i>Coffee Break</i>
17:00 - 17:45	Epidemiology of epilepsy: the Iceland study <i>W.A. Hauser (New York – U.S.A.)</i>	
17:00 - 17:45	Vitamin D and Multiple Sclerosis <i>G. Savettieri (Palermo - Italy)</i>	

17:45 - 18:30 Genetics of Multiple Sclerosis
F. Martinelli Boneschi (Milan, Italy)

SUNDAY, MARCH 5, 2017

Morning Session (9:00 – 12:15): Analytic Studies

9:00 - 9:45 Analytic Studies: Overview
W.A. Rocca (Rochester, MN - U.S.A.)

9:45 - 10:30 Case-control Studies
W.A. Rocca (Rochester, MN - U.S.A.)

10:30 - 11:00 *Coffee Break*

11:00 - 11:45 Cohort Studies
W.A. Rocca (Rochester, MN - U.S.A.)

11:45 - 12:15 General Discussion

12:15 - 15:00 *Lunch Break*

Afternoon Session (15:00 - 18:30): Surveys in Neurology: Examples

15:00 - 15:45 Epidemiology of Parkinson's disease
A. Elbaz (Paris - France)

15:45 - 16:30 Descriptive Epidemiology of Multiple Sclerosis
M. Pugliatti (Ferrara - Italy)

16:30 - 17:00 *Coffee Break*

17:00 - 17:45 How to read a manuscript 1
W.A. Rocca (Rochester, MN - U.S.A.)

17:45 - 18:30 How to read a manuscript 1
W.A. Rocca (Rochester, MN - U.S.A.)

MONDAY, MARCH 6, 2017

Vacation

Visit to Segesta temple and theatre and to Selinunte temples

TUESDAY, MARCH 7, 2017

Morning Session (9:00 – 12:15): Genetic Epidemiology

- 9:00 - 9:45 Introduction to Genetic Epidemiology
R. Ottman (New York, NY - U.S.A.)
- 9:45 - 10:30 Familial Aggregation Studies
R. Ottman (New York, NY - U.S.A.)
- 10:30 - 11:00 *Coffee Break*
- 11:00 - 11:45 Candidate-gene and Genome-wide Association Studies
R. Ottman (New York, NY - U.S.A.)
- 11:45 - 12:15 General Discussion
- 12:15 - 15:00 *Lunch Break*

Afternoon Session (15:00 – 18:30): Neuroepidemiology in developing countries

- 15:00 - 15:45 Neurodegenerative disorders and ancestral origin
Benoît Marin (Limoges – France)
- 15:45 - 16:30 Neuroepidemiologic Studies in Developing Countries
P.M. Preux (Limoges – France)
- 16:30 - 17:00 *Coffee Break*
- 17:00 - 17:45 How to read a manuscript 2
W.A. Rocca (Rochester, MN - U.S.A.)
- 17:45 - 18:30 How to read a manuscript 2
W.A. Rocca (Rochester, MN - U.S.A.)

WEDNESDAY, MARCH 8, 2017

Morning Session (9:00 - 12:15): Application of Statistics to Epidemiology

9:00 - 9:45 Use and Misuse of Statistics in Epidemiology
F. Enders (Rochester, MN - U.S.A.)

9:45 - 10:30 Importance versus Significance
F. Enders (Rochester, MN - U.S.A.)

10:30 - 11:00 *Coffee Break*

11:00 - 11:45 Confounding and Interaction
F. Enders (Rochester, MN - U.S.A.)

11:45 - 12:15 General Discussion

12:15 - 15:00 *Lunch Break*

Afternoon Session (15:00 - 18:30): Natural History of the diseases

15:00 - 15:45 Sex, gender, and dementia
Michelle M. Mielke (Rochester, MN - U.S.A.)

15:45 - 16:30 Natural history of Amyotrophic Lateral Sclerosis
G. Logroscino (Bari – Italy)

16:30 - 17:00 *Coffee Break*

17:45 - 18:30 Disease modifying effects on the natural history of neurodegenerative diseases: the example of Multiple Sclerosis
A. Scalfari (London – U.K.)

THURSDAY, MARCH 9, 2017

Morning Session (8:30 - 12:45): Clinical Trials

9:00 - 9:45	Clinical Trials: Part 1 <i>W.A. Rocca (Rochester, MN - U.S.A.)</i>
9:45 - 10:30	Clinical Trials: Part 2 <i>W.A. Rocca (Rochester, MN - U.S.A.)</i>
10:30 - 11:00	General Discussion
11:00 - 11:30	<i>Coffee Break</i>
11:30 - 12:15	Inferences from Epidemiologic Researches <i>G. Logroscino (Bari - Italy)</i>
12:15 - 12:30	Closure of the Course