

# 15<sup>TH</sup> ANNUAL MEETING OF THE INTERNATIONAL SOCIETY FOR THE HISTORY OF THE NEUROSCIENCES

MAIRIE DE PARIS 

PARIS, FRANCE  
JUNE 15 - 19 2010

Preliminary

Program

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 Club d'histoire des neurosciences

  
PARIS UNIVERSITÉS

PARIS  
DIDEROT



**15<sup>TH</sup> ANNUAL MEETING OF THE INTERNATIONAL SOCIETY FOR  
THE HISTORY OF THE NEUROSCIENCES  
PARIS, FRANCE  
JUNE 15-19 2010  
PRELIMINARY PROGRAM**

**Program Committee**

J.G. Barbara (France), Pierre Buser (France), François Clarac (France), Claude Debru (France)  
Paul Foley (Australia), Sherry Ginn (USA), Peter Koelher (The Netherlands), Marjorie Lorch (UK)  
Michel Meulders (Belgium), Marco Piccolino (Italy), Jacques Poirier (France), Frank Stahnisch (Canada)

**TUESDAY JUNE 15<sup>TH</sup>**  
SALLE JULES FERRY, ENS, 29 RUE D'ULM

- 9:00-10:00 am **REGISTRATION**
- 10:00 **OPENING SESSION**  
*Chair: Jean Mariani, CNRS, Université Pierre et Marie Curie*
- GREETINGS FROM THE PRESIDENT**  
Marjorie Lorch, *President ISHN*
- 10:15 **GREETINGS FROM THE LOCAL ORGANISING COMMITTEE**  
Jean-Gaël Barbara, *CNRS, Université Pierre et Marie Curie*  
Claude Debru, *ENS, Chair of the Philosophy Department*
- 10:30 Pierre Buser, *Académie des sciences*  
**French neurosciences past and present**
- 11:00 Nicole Le Douarin, *Académie des sciences*  
**A chapter in the history of Vertebrate Embryology: the role of the neural crest in chordate evolution**
- 11:30 Étienne-Émile Baulieu, *Académie des sciences*  
**Can an endocrinologist become a "neuroscientist"?**
- 12:00 **LUNCH** (*registration required*)
- 1:00 pm **BOARD MEETING OF ISHN**, Salle Pasteur  
(*MEMBERS ONLY*)

- 2:00-4:00 pm **SESSION ON HISTORIOGRAPHY**  
*Chair: Claude Debru, ENS*
- 2:00 Stephen Casper, *Clarkson University*  
**Whither Neuroscience? What the Recent History of “Contagious Shooting” (1982-2006) says about the Value of the History of the Neurosciences**
- 2:20 Delia Gavrus, *University of Toronto*  
**It is Brain Surgery: Neurosurgeons in Popular Imagination, 1900-1950**
- 2:40 Fabio De Sio, *Wellcome Trust Centre for the History of Medicine*  
**Conceptual Nervous Systems. Modeling connections between behaviours and brains in Britain (1950s-1960s)**
- 3:00 Max Stadler, *Max-Planck-Institute for the History of Science*  
**Metaphysics / Biophysics: Framing ‘neuroscience’, ca. 1950**
- 3:20 **COFFEE BREAK**
- 3:40 Stanley Finger, *Washington University*  
**The Enlightened Men of the American Philosophical Society and the First Experiments on "Eel" Electricity from a Center of Learning (1773)**
- 4:00 **POSTER SESSION**
- During the Poster Session, poster authors will present 5 minutes summaries of their work and answer questions from the audience. Posters will continue to be on view during coffee breaks throughout the conference.*
- 6:00 **SESSION ENDS**
- FREE EVENING**

**WEDNESDAY JUNE 16TH**  
SALLE DUSSANE, ENS, 45, RUE D'ULM

- 9:30            **FRENCH NEUROSCIENTISTS AND THEIR RECEPTION**  
*Chair: Jean-Gaël Barbara, CNRS, Université Pierre et Marie Curie*
- 9:30            Lorenzo Lorusso, *Neurology Department Chiari – Brescia, Italy*, Vincenzo Neri's archive group (Lorenzo Lorusso, Karianne Fiorini, Mirco Santi, Paolo Simoni, Chiara Tartarini, Simone Venturini, Giulio Bursi, Alessandro Porro, Paolo Cherchi Usai)  
**Joseph Babinski's Italian pupil**
- 9:50            François Clarac, *P3M, CNRS, Marseille*, Jean Massion, *Lambesc, France*, Allan Smith, *Physiology Department, University of Montréal, Canada*  
**The pioneering concepts of motor synergy developed by. Duchenne, Charcot and Babinski, three neurologists of La Salpêtrière hospital**
- 10:10           **COFFEE BREAK**
- 10:30            Alla Vein, *Leiden University Medical Center*  
**The French Impact on Russian Neurosciences**
- 10:50           **BIOGRAPHICAL STUDIES**  
*Chair: Sherry Ginn, Rowan-Cabarrus Community College, Concord, NC*
- 10:50            Frank Stahnisch, *Calgary Institute for Population and Public Health*  
**From cutting-edge brain surgery to the creation of paralympic sports: considerations regarding the influence of exile on the German-British neurosurgeon Sir Ludwig Guttmann (1899-1980)**
- 11:10            Moshe Feinsod, *The Technion – Israel Institute of Technology, Haifa, Israel*  
**Neuroscience in the flying ambulance – the neurological heritage of Dominique-Jean Larrey**
- 11:30            Bastiaan C. ter Meulen, *Sint Lucas Andreas Hospital, Amsterdam* and Tavy van Woerkom, *Department of Neurology and Neurophysiology Den Haag, The Netherlands*  
**The curious case of Private Schneider: a classic in neurophenomenology**
- 11:50            George York, *Fiddletown Institute, California*  
**Hughlings Jackson's Unfinished Masterpiece**
- 12:00           **LUNCH (*registration required*)**
- 12:00            EDITORIAL BOARD MEETING FOR JHN, SALLE PASTEUR  
(*MEMBERS ONLY*)

- 1:30 am Bernard Roques, *Académie des sciences, Université Paris Descartes*  
**Study of the physiology of endogenous opioids and endocannabinoids by inhibition of their enzymatic inactivation: new clinical perspectives**
- 2:00 **COFFEE BREAK**
- 2 :20 **BRAIN INFLAMMATION STUDIES**  
*Chair: André Parent, Département de Psychiatrie et de Neurosciences*  
*Université Laval, Québec, Canada*
- 2:20 Yuri Zagvazdin, *Nova Southeastern University*  
**American contribution to the discovery of tuberculous meningitis at the Parisian Hospital of Sick Children. William Wood Gerhard demands justice from Louis Benoit Guersant**
- 2:40 Anouk Uiterwijk and Peter Koehler, *Atrium Medical Centre, Heerlen, The Netherlands*  
**History of treatment of bacterial meningitis**
- 3:00 **ANATOMICAL STUDIES**  
*Chair: Moshe Feinsod, The Technion – Israel Institute of Technology, Haifa*
- 3:00 Lawrence Krugger, *UCLA David Geffen School of Medicine and Brain Research Institute*  
**An historical survey of the impact of comparative anatomy, Darwinian evolution, racism, genetics and eugenics in the analysis of the human brain**
- 3:20 J. Wayne Lazar, *New York*  
**Acceptance of the Neuron Theory by clinical neurologists of the late-19th century**
- 3:40 Helmut Gröger, *Institut für Geschichte der Medizin der Medizinischen Universität Wien, Austria*  
**Fundamental discoveries of brainstem research in the early 20th century in Vienna**
- 4:00 Laurence Garey, *University of Lausanne*  
**The life and works of Korbinian Brodmann**
- 4:20 **COFFEE BREAK**
- 4:45 **PRESIDENTIAL ADDRESS**  
Marjorie Lorch, *Birkbeck, University of London*
- 5:30 **ANNUAL GENERAL BUSINESS MEETING OF THE ISHN**  
Elections of office holders: President, Secretary and Member-at-Large.  
Presentation by Frank Stahnisch on the ISHN 2011 meeting in Canada  
*All registered attendees invited to attend.*
- 6:30 pm **SESSION ENDS**  
**FREE EVENING**

**THURSDAY JUNE 17TH**  
SALLE DUSSANE, ENS, 45, RUE D'ULM

- 10:00            **LANGUAGE DISORDERS**  
*Chair: Stanley Finger, Washington University in St. Louis*
- 10:00            Paul Eling, *Radboud University Nijmegen, Donders Institute for Brain, Cognition and Behaviour, The Netherlands*  
**Lichtheim's golden shot**
- 10:20            Howard Kushner, *Rollins School of Public Health, Emory University, Atlanta*  
**Blaming the Patient Neuropsychiatry faces Tourette Syndrome 1825-2010**
- 10:40            **COFFEE BREAK**
- 11:00            Paula Hellal and Marjorie Lorch, *Birkbeck, University of London*  
**Child language impairment and the idioglossia debate of the 1890s**
- 11:20            NEUROSCIENCES IN AUSTRALIA**  
*Chair: Paul Foley, Prince of Wales Medical Research Institute*
- 11:20            Malcolm Macmillan, *University of Melbourne, Australia*  
**Korbinian Brodmann's eclipse of Alfred Walter Campbell**
- 11:40            Catherine Storey, *Royal North Shore Hospital, Sydney, Australia*  
**The Kanematsu Institute and ghosts of neuroscience past: Sydney**
- 12:00            John S. McKenzie and Richard Kirsner, *The University of Melbourne, Australia*  
**How electro-neurophysiology came to the University of Melbourne**
- 12:20            **LUNCH (registration required)**
- 2:00 pm        **PHILOSOPHICAL ASPECTS**  
*Chair: Frank Stahnisch, Calgary Institute for Population and Public Health*
- 2:00            Laura Bossi, *Paris*  
**Charles Bonnet's philosophical palingenesis – a biological theory of resurrection**
- 2:20            Chris Smith, *Aston University, Birmingham, UK*  
**Henri Bergson and the neuroscience of memory**
- 2:40            **COFFEE BREAK**
- 3:00            Rémy Lestienne, *CNRS, Paris*  
**Roger Sperry and the concept of emergence in neuroscience**

- 3:20 Cesira Batini, Ginette Horcholle-Bossavit, Suzanne Tyč -Dumont, *ESPCI, CNRS, Paris*  
**Old hypothesis and new tools: Alfred Fessard approach to the problem of consciousness**
- 3:40 Paul Foley, *Prince of Wales Medical Research Institute*  
**Where the wild things are: The brainstem in inter-War models of human consciousness**
- 4:00 Josephine Paps, *Centre of transdisciplinary cognitive and state-system sciences, Graz, Austria*  
**Re-reading René Descartes' scientific medicine and neuroscience: On the relevance of the perceivable changes of the body**
- 4:20 **BRAIN DISEASES**  
*Chair: Peter Koehler, Atrium Medical Centre, Heerlen, The Netherlands*
- 4:20 Ellen Dwyer, *Department of History, Indiana University*  
**Epilepsy Research after World War II**
- 4:40 Stephanie Brosius, *Washington University in St. Louis*  
**A History of von Recklinghausen's Neurofibromatosis Type-1**
- 5:00 Thomas Bosley, *King Saud University, Riyadh, Saudi Arabia,* and Henry S. Schutta, *Albert Einstein Medical Center, Philadelphia*  
**Horizontal Gaze Palsy and Progressive Scoliosis**  
**A Short History of a New Disease**
- 5:20-9:00 **BREAK FOR DINNER**  
*Participants free to make their own dinner arrangements*
- 9:00 **FILM SESSION**  
*Chair: Lorenzo Lorusso, Neurology Department Chiari – Brescia, Italy*
- Bernd Holdorff, *Neurological service Schlossparkklinik Berlin*  
**Max Nonne and “War Neurosis”**
- Edward Reynolds, *Departments of Neurology, King's College, University College, London*  
**A movement disorders film in Queen Square in the mid-1920's**  
**by Samuel Alexander Kinnier Wilson**
- Lorenzo Lorusso, *Neurology Department Chiari – Brescia, Italy,* Bruno Lucci, *Pordenone,* Loredana Boito, *UILDM Centre, Fontanafredda-Pordenone,* and Fabrizio Capitani, *Donizetti's Music Library, Bergamo*  
**Gaetano Donizetti's neurobiological illness**

**FRIDAY JUNE 18<sup>TH</sup>**  
SALLE DUSSANE, ENS, 45, RUE D'ULM

10:00-11:40 am **MOVEMENT DISORDERS**

*Chair: George York, Fiddletown Institute, California*

10:00 Peter Koehler, *Atrium Medical Centre, Heerlen, The Netherlands*  
**Psychogenic and organic attributions in the history of dystonia**

10:20 Thomas Bak, *Human Cognitive Neuroscience, University of Edinburgh*  
**The relationship between motor and cognitive symptoms  
in Motor Neuron Disease and Atypical Parkinsonian Syndromes**

10:40 **COFFEE BREAK**

11:00 André Parent, *Département de Psychiatrie et de Neurosciences, Université Laval,  
Québec, Canada*  
**Substantia nigra and Parkinson's disease: a brief history  
of their long and intimate relationship**

11:20 Allan Smith, *Physiology Departement, University of Montréal, Canada*  
Jean Massion, *Lambesc, France*, and François Clarac, *CNRS, Marseille*  
**Asynergy, a movement coordination deficit of cerebellar origin:  
was Babinski more perceptive than his contemporaries?**

11:40-12:40 **NEUROPATHOLOGY**

*Chair: Alla Vein, Leiden University Medical Center*

11:40 Jeffrey Greenstein, *Multiple Sclerosis Research Institute, Philadelphia*  
**Elie Metchnikoff's neglected recognition of the role of macrophages  
in Alzheimer's Disease**

12:00 Henry Schutta, *Albert Einstein Medical Center, Philadelphia*  
**British contributions to the understanding of stroke  
in the first half of the XIX the century**

12:20 Axel Karenberg, *Institute for the History of Medicine and Medical Ethics  
University of Cologne, Germany*  
**Stroke at the Paris Hospitals: The emergence of anatomico-clinical concepts  
after 1810**

12:40 **LUNCH** (*registration required*)

2:00 pm

**SOCIAL AFTERNOON**

**PLEASE LOOK AT THE “SOCIAL AFTERNOON INFORMATION PAGE”**

**PARALLEL VISITS TO THE MUSEE DE L’ECOLE DE MEDECINE & MUSEE DUPUYTREN**

**Musée de l’Ecole de Médecine** (Ancienne Ecole de médecine, station Odéon, itinerary: RER B: from Luxembourg to Denfert-Rochereau and Métro 10: from Denfert-Rochereau to Odéon)

**Musée Dupuytren** (Cloître des Cordeliers, métro Odéon)

**PARALLEL EVENTS: VISIT TO THE CHARCOT LIBRARY WITH LECTURES ON 20<sup>TH</sup> CENTURY PARIS NEUROSCIENCE**

**Visit to the Charcot Library** (Hôpital de la Salpêtrière, from Odéon: Bus 63: Odéon to Gare d’Austerlitz)

**Session on 20<sup>th</sup> century Paris Neuroscience**  
(Amphithéâtre Charcot)  
*Chair: François Clarac, CNRS, Marseille, France*

Michel Fardeau, *Salpêtrière Hospital*  
**Jules Dejerine**

Shlomit Ritz Finkelstein, *Emory University, Atlanta*  
**Tourette’s Coprolalia Revisited**

Baptiste Moutaud, *Université Paris Descartes, Paris*  
**A neuroscientific tool to join the interests:  
A short history of the Deep Brain stimulation**

François Boller, *National Institute of Mental Health, MD*  
**Some aspects of Neurosciences in Paris outside the Salpêtrière:  
Henry Hécaen and Sainte Anne**

**ORGAN CONCERT IN THE SALPÊTRIÈRE CHAPEL**  
Bernard Lechevallier, *INSERM, Paris*

8:00 pm

**BANQUET A LA MAISON DE L’AMERIQUE LATINE (Hôtel de Varengeville)**  
Home of Jean-Martin Charcot and South America embassies  
*(registration required)*

**ANNOUNCEMENT OF THE ISHN AWARDS**  
Sherry Ginn, Chair of Awards Committee

**SATURDAY JUNE 19<sup>TH</sup>**  
SALLE JULES FERRY, ENS, 29 RUE D'ULM

- 10:00           **VISION STUDIES**  
*Chair: Chris Smith, Aston University, Birmingham, UK*
- 10:00           Ulf Norsell, *Gothenburg University, Sweden*  
**Electroretinography, an early and enduring electrophysiological application**
- 10:20           Gül Russell, *Texas A&M University System Health Science Center*  
**Central and Peripheral Vision in Ibn al-Haytham's Optics:  
Some Key Experiments**
- 10:40           **COFFEE BREAK**
- 11:00           Karen Buckle, *Wellcome Trust Centre for the History of Medicine*  
**Vision in 18th century Europe: Looking through the eyes of the oculist  
'the Chevalier' John Taylor**
- 11:20           Nicholas Wade, *School of Psychology, University of Dundee, UK*  
**Javal and the recording of eye movements during reading**
- 11:40           **PSYCHOPATHOLOGY**  
*Chair: Malcolm Macmillan, University of Melbourne, Australia*
- 11:40           Matthias Sohr, *Institut d'histoire de la médecine et de la santé publique,  
Lausanne University, Switzerland*  
**Georges de Morsier (1894-1982) and neurological research on hallucinations  
in the 1930s**
- 12:00           Louis Charland, *Departments of Philosophy and Psychiatry & Faculty of Health  
Sciences, University of Western Ontario, Canada*  
**Neuroscientific Foundations of Affective Psychopathology:  
Rediscovering Alexander Crichton (1763-1856)**
- 12:20           **LUNCH (registration required)**
- 1:30 pm       **LITERATURE**  
*Chair: François Clarac, CNRS, Marseille, France*
- 1:30           Sherry Ginn, *Rowan-Cabarrus Community College, Concord, NC*  
**Science, Pseudoscience, and Science Fiction: The Evolution of Victor  
Frankenstein's Attempts to Give his Creature Life**
- 1:50           Luis-Carlos Álvaro, *Department of Neurology Basurto Hospital,  
Bilbao, Spain*  
**"The dispossessed": neurology and medical care in Spain in late XIXth  
century through Benito Pérez Galdós**

- 2:20 **EASTERN NEUROSCIENCE**  
*Chair: Axel Karenberg, Institute for the History of Medicine and Medical Ethics, University of Cologne, Germany*
- 2:20 Robert Doty, *University of Rochester School of Medicine, New York,*  
Merab Tsagareli, *Beritashvili Institute of Physiology, Republic of Georgia*  
**Beritashvili and interhemispheric mnemonic transfer**
- 2:40 Gantcho Gantchev, *Sofia, Bulgaria*  
**The international collaboration in the field of motor control studies in Bulgaria during the divided world**
- 3:00 Merab Tsagareli, *Beritashvili Institute of Physiology, Republic of Georgia*  
Robert Doty, *University of Rochester School of Medicine, New York*  
**Ivane Beritashvili, versatile neuroscience despite the adversities of the 20th century**
- 3:20 Shivadatta Prabhu, *Institut des Neurosciences, Grenoble, France*  
**History of neurosciences in ancient India: From concepts of states of consciousness to neuroanatomy and therapeutics**

#### **CLOSING REMARKS**

**PRESIDENT FOR 2009-10 MARJORIE LORCH HANDS OVER  
TO FRANK STAHNISCH, PRESIDENT FOR 2010-11**

**MEETING CLOSES**

## LIST OF POSTERS

Hendrik Voss, *Augsburg*

**The 19th century concept of ‘brain fever’: Its appearance, its disappearance, its remainders**

Sultana Banulescu, *City University of New York, Graduate Center*

**Italian Neurologists and Psychiatrists in World War I**

Craig Benti, Harry Whitaker, *Northern Michigan University*

**Early Satires of Phrenology**

Jean-Philippe Ernst, *Institute for History, Aachen University Medical School*

Axel Karenberg, *University of Cologne, Germany*

**Anorexia nervosa: Its history and recent paradigm shift towards neurobiology**

Edward J. Fine, Raya Wehbeh, Durala Hussain, *The Jacobs Neurological Institute, University at Buffalo*

**The History of diagnosis and treatment of trigeminal neuralgia: from John Locke to W.W. Keen, Jr. M.D.**

Jorge L. Juncos, *Emory University School of Medicine, Movement Disorders Program, Atlanta*,  
Shlomit Ritz Finkelstein, *Emory University, Atlanta*

**Treating refractory Tourette Syndrome with Deep Brain Stimulation**

Boleslav Lichterman, *Institute for the History of Medicine, Russian Academy of Medical Sciences, Moscow*

**Soviet Neuro(patho)logy (1917-1991)**

William Biu Lo, Harold Ellis, *Department of Neurosurgery, University Hospital, Coventry, UK*

**The Circle Before Willis – A Historical Account of the Intracranial Anastomosis**

Lorenzo Lorusso, *Neurology Department, Chiari, Italy*, Antonia Francesca Franchini, *History of Medicine Department, University of Milan*, Bruno Falconi, *History of Medicine Department, University of Brescia*

**Caricatures on French neurologists in the 19th and 20th centuries**

Georg Petroianu, *Department of Cellular Biology & Pharmacology, Florida International University, Miami*

**Neurotoxicity of organophosphorus compounds**

Ana Cecilia Rodríguez de Romo, *Department of the History and Philosophy of Medicine, National Autonomous University of Mexico*

**Medicine and reasoning: The diagnostic process in neurology**

Zoë D. Théodoridou, Lazaros C. Triarhou, *University of Macedonia, Thessaloniki, Greece*

**Early views of Christfried Jakob on the cerebral cortex: Challenging the superiority of the frontal lobe**