15TH 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

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Rehseis
15TH 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 15TH
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*
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 Departement, 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*
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)
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

COFFEE BREAK

BRAIN INFLAMMATION STUDIES
Chair: André Parent, Département de Psychiatrie et de Neuroscience
Université Laval, Québec, Canada

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

Anouk Uiterwijk and Peter Koehler, Atrium Medical Centre, Heerlen, The Netherlands
History of treatment of bacterial meningitis

ANATOMICAL STUDIES
Chair: Moshe Feinsod, The Technion – Israel Institute of Technology, Haifa

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

J. Wayne Lazar, New York
Acceptance of the Neuron Theory by clinical neurologists of the late-19th century

Helmut Gröger, Institut für Geschichte der Medizin der Medizinischen Universität Wien, Austria
Fundamental discoveries of brainstem research in the early 20th century in Vienna

Laurence Garey, University of Lausanne
The life and works of Korbinian Brodmann

COFFEE BREAK

PRESIDENTIAL ADDRESS
Marjorie Lorch, Birkbeck, University of London

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.

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 18TH
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 Department, 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 MUSÉE DE L’ÉCOLE DE MEDECINE & MUSÉE DUPUYTREN**

Musée de l’École 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 20TH CENTURY PARIS NEUROSCIENCE**

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

**Session on 20th 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 SALPÉTRIÈRE 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 19th
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
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 Bentti, 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