



Symposium of the Commission on the History of Modern Chemistry,  
Division of History of Science and Technology, International Union of  
History and Philosophy of Science

***Renewing the Heritage of Chemistry in the 21<sup>st</sup> Century:  
Conversations on the Preservation, Presentation and Utilization of  
Sources, Sites and Artefacts***

**Paris, 21-24 June 2011**

in Conjunction with the IUPAC-UNESCO International Year of Chemistry, 2011

Centenary of Marie Curie's Nobel Prize for Chemistry (1911)

École supérieure de physique et de chimie industrielles

(ESPCI ParisTech)

and

Maison de la Chimie

<http://www.chmc2011.fr>

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## ***Acknowledgements / Remerciements***

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Organizing committee

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# **PROGRAMME**

## **Tuesday 21 June**

18.30-20.00. Reception at the Académie des sciences, Institut de France, 23 quai Conti, 75006 Paris

## **Wednesday 22 June**

École supérieure de physique et de chimie industrielles (ESPCI ParisTech), 10 rue Vauquelin, 75005 Paris

Plenary sessions between 9.00 and 10.15 and between 18.00 and 18.30; parallel sessions between 10.35 and 12.35 and between 14.30 and 17.45.

*Simultaneous translation will be available for the plenary lectures and all other sessions in Room A.*

8.30. *Welcome – coffee*

9.00-9.15. **Address**

François Lequeux, Directeur scientifique, ESPCI

9.15-9.30. **Opening lecture**

Jeffrey Johnson, President of the Commission on the History of Modern Chemistry (CHMC)

9.30-10.15. **Plenary lecture**

*Chair : Gérard Emptoz*

Valérie Marchal, Institut national pour la propriété industrielle (INPI), Paris
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<b>La numérisation des brevets français</b>
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10.15-10.35. *Coffee break*

10.35-12.35. **Communication and documentation in chemistry**

### **Session 1A**

*Chair : Christoph Meinel*

10.35. Ad Maas (Netherlands), "The Unilever collection and the dilemmas of collecting modern chemical heritage"

11.05. Jennifer Landry and Rosie D. Cook (USA), "More than black boxes. The instrument collection at the Chemical Heritage Foundation"

11.35. Susanne Rehn (Germany), "The new chemistry exhibition in the Deutsches Museum"

12.05. Isabel Martin (Germany), "A preview of the new chemistry exhibition at the Deutsches Museum. Polymer chemistry as a temporary exhibition"

### **Session 1B**

*Chair : Agustí Nieto-Galan*

10.35. Christian Lécuyer and David C. Brock (USA), "Oral history, documentary research, and the chemical history of the microchip"

11.05. Bernadette Bensaude-Vincent, Emmanuel Bertrand, Sophie Jourdin, Sacha Loeve, and Pierre Teissier (France), “ ‘Sciences. Histoire orale’. A website for the history of recent science”

11.35. Ana Alfonso-Goldfarb, Marcia H. M. Ferraz, and Silvia Waisse (Brazil), “Digital media for the history of chemistry. Division of Multimedia Documentation at Center Simão Mathias (CESIMA)”

12.05. Masanori Kaji (Japan), “Establishment of chemical heritage in the first half of the XXth century. The role of Riko Majima, the leading first-generation organic chemist in Japan”

12.35-12.45. **Special plenary session (Salle A)**

Philippe Garderet, Scientific Vice-President, AREVA : <b>Chemistry. A key technology for nuclear assembly</b>
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12.45-14.30. *Lunch at ESPCI ParisTech, sponsored by AREVA*

14.30-16.00. **Historians and their sources (1)**

### Session 2A

*Chair : Philippe Garderet*

14.30. Glauca Maria Da Silva, Léo Degrève, Felipe Conrado F.F. Sousa, and Lucas R. Testa (Brazil), “Les archives de la Faculté de pharmacie et d’odontologie et l’histoire de l’enseignement de la chimie à Ribeirão Preto, Brésil”

15.00. Isabel Serra and Elisa Maia (Portugal), “Les archives Curie et la recherche sur la radioactivité au Portugal”

15.30. Denise Ogilvie (France), “Archives et laboratoires. Les sources de l’histoire de la chimie à l’Institut Pasteur. XX<sup>e</sup> –XXI<sup>e</sup> siècles”

### Session 2B

*Chair : Patrice Bret*

14.30. Sara Carvalho, Maria Estela Jardim, and Ferdinanda Madalena Costa (Portugal), “Photography as chemical enquiry. The Lumière brothers’ quest for organic developers”

15.00. Erik Langlinay (France), “The social history sources of French chemical history”

15.30. Seymour H. Mauskopf (USA), “Chemical landmarks and public understanding”

16.00-16.15. *Coffee break*

16.15-17.45

**Session 3A** **Historians and their sources (2)**

*Chair : Laurence Lestel*

16.15. Pierre Laszlo (France), “Preservation of annotated books”

16.45. Marco Taddia (Italie), “Ciamician’s chemistry courses in Bologna (1889-1921). A selection of student lecture notes”

17.15. Alexandre Hocquet (France), “The Computational Chemistry List. Comprendre les chimistes computationnels à travers leurs échanges au sein d’une mailing list”

**Session 3B** **Documentation, Evaluation and Re-use of Heritage Sites of the Chemical Industry. TICCIH special session.**

*Chair and introduction to the session : Helmuth Albrecht*

16.15. Helmuth Albrecht and Stefanie Ullrich (Germany), “Documentation and evaluation of industrial heritage sites of the chemical industry in Saxony/Germany”

16.45. Randi Bårtvedt (Norway), “The re-use of an electrochemical plant in the Fjords of Norway”

17.15. Alexander Kierdorf (Germany), "Of white and black sides. Historic coke plants as monuments of science, technology, architecture, and environment in Germany"

17.45-18.00. *Break*

18.00-18.30. **Public lecture**

*Chair : Sylvain Gilat*

*Address to Gérard Férey by Jacques Prost, read by Bastien Fournié*

Gérard Férey, membre de l'Institut de France, Académie des sciences,  
Vice-président de la Société chimique de France, Médaille d'or CNRS 2010 :

**Porous solids. From a mineralogical curiosity in 1756  
to currently strategic materials**

### Thursday 23 June

At the Maison de la Chimie, 28 rue Saint-Dominique, 75007 Paris (Plenary sessions throughout the day). *Simultaneous translation will be available for the lectures and all other sessions, including the Round Table.*

8.45. Welcome

9.00-9.15. **Address**

Jean-Bernard Borfiga, Vice-Président de la Fondation de la Maison de la Chimie

9.15-10.30. **Plenary lectures**

*Chair : Jeffrey A. Johnson*

9.15-10.00.

Ronald Brashear, Othmer Library, Chemical Heritage Foundation, Philadelphia:

**The Chemical Heritage Foundation.  
An 'American model' of a multifunctional institution**

10.00-10.30.

Robert Anderson, Clare Hall, University of Cambridge (UK):

**Laboratories, generally considered**

10.30-11.00. *Coffee break*

11.00-13.00.

#### **Session 4 *Institutions and the heritage of chemistry for historians***

*Chair : Brigitte van Tiggelen*

11.00. Francine Glière (France), "Les Archives départementales de la Savoie et le patrimoine industriel de la chimie"

11.30. Gilles Chatry (France), "Conservation du patrimoine. La chimie en océanologie"

12.00. Patrick H. Shea (USA), "Science, technology, and the future of history"

12.30. Muriel Le Roux (UK & France), "Plaidoyer pour une approche globale du patrimoine de la chimie. L'exemple de la Navelbine et du Taxotère".

13.00-14.45. *Lunch at the Maison de la Chimie*

14.45-16.15.

**Session 5                      *Chemists and the general public***

*Chair : Masanori Kaji*

14.45. Robert Bud (UK), "Stories about chemistry. Illuminating folklore"

15.15. Elena Zaitseva (Russia), "The educational potential of historical artefacts related to chemistry"

15.45. Yasu Furukawa (Japan), "From chemistry to history. Chemist-historians and the Japanese Society for the History of Chemistry"

16.15-16.45.                      *Coffee break*

16.45-17.45.                      ***Round table***

*Chair : Jeffrey Johnson*

**Access to sources and institutions: private policy, public policy**

with contributions by Gildas Illien (Web Archives, BNF, France), Alexander L. Bieri (Hoffmann-LaRoche, Switzerland), and Hans-Hermann Pogarell (Bayer Archives, Germany)

18.00-18.30.                      ***Concluding plenary lecture***

*Chair : Jeffrey A. Johnson*

Carsten Reinhardt, University of Bielefeld (Germany):

**A gaze at the spectrum of sources for the heritage of chemistry**

20.00.                              Conference dinner (optional)

**Friday 24 June**

Optional visits

**For further information**

Concerning the programme: [jeffrey.johnson@villanova.edu](mailto:jeffrey.johnson@villanova.edu)

Concerning organization and registration: [danielle.fauque@u-psud.fr](mailto:danielle.fauque@u-psud.fr)

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<http://www.societechimiquedefrance.fr/fr/club-histoire-de-la-chimie.html>