

CURRICULUM VITAE

Name, First Name:

FEREY, Gérard

Married; one son

Date and place of birth:

14 Juillet 1941 at BREHAL (Manche)

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UNIVERSITY DIPLOMAS:

- Doctorat de 3^{ème} cycle - CAEN Mai 1968
- Doctorat ès Sciences Physiques PARIS VI Juin 1977

CAREER IN NATIONAL EDUCATION

- Assistant Professor (1967-1981), Professor (1981-1996) at Le Mans Institute of Technology
- Vice-President for Research at Université du Maine (1982- 1988)
- Professor above scale at Université of Versailles-Saint Quentin (1996-...)
- Creator and Director of Institut Lavoisier, UMR CNRS 8637 (1996-2004)
- Director of the Federative Institute 'Lavoisier-Franklin' (2 UMR in Chemistry + 2 in Physics) (1998-...)
- Professor at Institut universitaire de France. 'Physical Chemistry of Porous Solids' Chair (1999-2009)

NATIONAL ADMINISTRATIVE RESPONSABILITIES

- Member (1986-92) then President (1992-95) of the Materials section of 'Conseil Supérieur des Universités'
- Member (1995-1999) then President (1999-2001) of the Materials section of 'Comité National du CNRS'

NATIONAL AND INTERNATIONAL SCIENTIFIC RESPONSABILITIES

- Deputy Director of the Chemistry Department of CNRS (1988- 1992).
- Member of the 'Very Large Instruments Facilities' Council (10 members) of the Minister of Universities, Research and Technology (1991- 1997) [2 Ministers)
- Member of the Scientific Council for the creation of "SOLEIL" , the new French synchrotron
- Expert of the National Committee of Evaluation of the French Universities (1992 - ...)
- President of the Committee of Selection for 'Institut universitaire de France (1996-1997) (Juniors)
- President of the Scientific Council of the most important French laboratories in Solid State Chemistry *Lucas (Rennes,1994-1996); Rouxel (Nantes,1994-1998); Raveau (Caen, 1996-2000); Livage (Paris, 1994-1998)*
- President of the National Committee of Chemistry (2005-2009)
- Vice-President of the French Society of Chemistry (2007-...)

- Member of the International Committee of selection (5A) at Institut Laue-Langevin (ILL) Grenoble (86-96)
- Member of the Scientific Council of I.L.L. (1989)
- Editor in Chief of the international Journal '*Solid State Sciences*' (1998-2008)
- Member of the Advisory Board of:
 - "*Comptes Rendus de l'Académie des Sciences*" (since 1997)
 - '*Inorganic Chemistry*' (1999-2001)
 - '*Current Opinions in Solid State & Materials Science*' (since1998)
 - '*Journal of Solid State Chemistry*' (since 1999)
 - '*Chemistry of Materials*' (2001-2007)
 - '*Coordination Chemistry* (2004-2007)
- Chairman (1999) of the Gordon Research Conferences (Solid State Chemistry)

SCIENTIFIC DISTINCTIONS AND AWARDS

- Member of Academia Europaea (1994)
- Membre Correspondant (1996-2003) then Full Member (2003-...) of the French Academy of Sciences
- Foreign Member of the National Academy of Sciences of India (2000)
- Foreign Member of the Spanish Royal Academy of Sciences (2009)
- Humboldt Fellow (Germany 2004)
- Fellow of the Royal Society of Chemistry (UK) (2005)

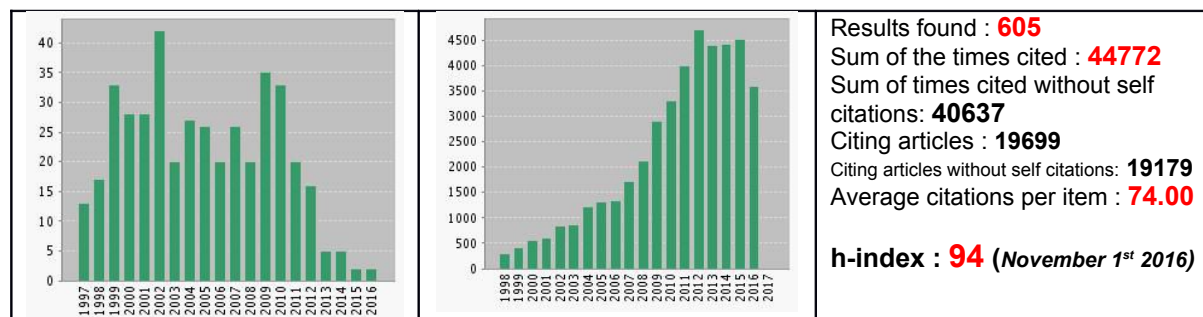
- Laureate (1983) of the 'Solid State Chemistry ' Prize of the French Society of Chemistry.
- Laureate (1992) of the 'Paul Pascal ' Prize of the French Academy of Sciences.
- Laureate (2000) of the 'GRAND PRIX: Institut Français du Pétrole ' of the French Academy of Sciences.
- Laureate (2004) of the Gay-Lussac-Humboldt Award of the Alexander von Humboldt Foundation.
- Laureate (2005) of the C.N.R. RAO Award of the Indian Academy of Sciences.
- Clearfield (Texas 2007), Eyring (Arizona 2008), Muetterties (Berkeley 2009) Award Lectures (USA).
- Award Lecture of the Chemical Society of Japan (2008)
- Catalan-Sabatier Prize of the Real Sociedad Española de Química (2008)
- ENI Award for Protection of Environment (Italy 2009)
- Grand Prix International de la Fondation de la Maison de la Chimie jointly with J. Fréchet (France 2010)
- Gold Medal of CNRS (France 2010)
- Davisson Award of the Massachusetts Institute of Technology (USA, Boston 2013)
- Award Lecture of the European Chemical Societies (EuCheMS (2014)
- Doctor Honoris Causa of the Lomonosov University (Moscow 2014)

HONOURS

- Officier dans l'Ordre des Palmes Académiques (1988)
- Chevalier dans l'Ordre de la Légion d'Honneur (1994)
- Officier dans l'Ordre National du Mérite (2009)

QUANTITATIVE INFORMATIONS ON G. FERREY (November 1st 2016)

- 605** articles in international journals, including 20 reviews
- 14** international patents
- >100** invited plenary lectures in international symposia.
- 4** book chapters
- 1** book : « *Crystal Chemistry* » (in press). World Scientific Publishing (Singapore) 2016.



	2013	2014	2015	2016	Total	Average Citations per Year
	4397	4415	4522	3592	44772	913.71
<u>Hybrid porous solids: past, present, future</u> Ferey, Gerard CHEMICAL SOCIETY REVIEWS 2008 , 37(1)191-214	461	403	394	319	3219	357.67
<u>Open-framework inorganic materials</u> Cheetham, AK; Ferey, G; Loiseau, ANGEWANDTE CHEMIE-INT ED 1999 , 38(22) 3268-3292	80	77	61	36	2037	113.17
<u>A chromium terephthalate-based solid with unusually large pore volumes and surface areas</u> Ferey, G; Mellot-Draznieks, C; Serre, C; <i>et al.</i> SCIENCE 2005 , 309, 2040-2042	236	272	256	205	2003	166.92
<u>Crystallized frameworks with giant pores : Are there limits to the possible ?</u> Ferey, G; Mellot-Draznieks, C; Serre, C; <i>et al.</i> ACCOUNTS OF CHEMICAL RESEARCH 2005 , 39, 217-225	94	70	58	48	1036	86.33
<u>Porous Metal-Organic Frameworks nanoscale carriers as a potential platform for drug delivery and imaging</u> Horcajada, Patricia; Chalati, Tamim; Serre, Christian; <i>et al.</i> NATURE MATERIALS 2010 , 9, 172-178	146	176	222	217	1050	210.20
<u>Metal-organic Frameworks in Biomedicine</u> Horcajada, P.; Gref, R.; Baati, T.; <i>et al.</i> CHEMICAL REVIEWS 2012 , 112, 1232-1268	189	251	295	247	1050	193.20
<u>Very large breathing effect in the first nanoporous Chromium(III)-based solids : MIL-53.</u> Serre C. ; Millange, F. ; Thouvenot, C. ; <i>et al</i> J. OF AMERICAN CHEMICAL SOCIETY 2002 , 124, 13519	80	84	95	77	850	56.67
<u>Large breathing effects in three-dimensional porous hybrid matter : facts, analyses, rules and consequences</u> Ferey, G; Serre, C; CHEMICAL SOCIETY REVIEWS 2009 , 38, 1380-1399	135	120	122	98	791	98.88
<u>A rationale for large breathing of the porous aluminum Terephthalate MIL-53 upon dehydration</u> Loiseau, T. ; Serre, C. ; Huguenard, C. <i>et al</i> CHEMISTRY A EUROPEAN JOURNAL 2004 , 10, 1373-1382	84	97	112	93	785	60.38
<u>Metal-organic frameworks as efficient materials for drug delivery.</u> Horcajada, P. ; Serre, C. ; Vallet-Regi, M. <i>et al.</i> ANGEWANDTE CHEMIE-INT ED 2006 , 45(36), 5974-5978	100	96	111	79	776	70.5

INVITED PLENARY LECTURES (1983-2016)

in **international** Meetings (130 including 111 since 2000)
(national meetings and seminars are not taken into account)

version 1st November 2016.

- 1983 *New structural and magnetic aspects of fluorine solid state chemistry*
Conférence plénière
8ème Congrès Européen de Chimie du Fluor
JERUSALEM 21-26 Août
- 1990 *Mixed valence compounds in solid state chemistry*
Conférence plénière de l'école OTAN
Heraklion (Crète) 10-16 juin 1990
- Crystal chemistry of copper oxides and fluorides*
Conférence plénière
XV^{ème} Congrès International de Cristallographie
(microsymposium composés du cuivre)
(21-28 juillet 1990) BORDEAUX
- Synthetic homologues of copper containing minerals*
Conférence NOBEL
Académie des Sciences de Suède
STOCKHOLM (10 Décembre)
- 1992 *Ordered Magnetic frustration:
Experimental aspects and pertinent parameters*
Conférence plénière
3rd International Conference on the Chemistry of the Early Transition Metals
BRIGHTON (21-26 juillet)
- Ordered Magnetic frustration:
Experimental aspects and pertinent parameters*
Conférence plénière
4th European Conference of Solid State Chemistry
DRESDE (7-9 Septembre)
- 1993 *Structural consequences of synthesis parameters of oxyfluorinated microporous compounds:*
Conférence plénière
1st International Symposium of soft chemistry routes to new materials
NANTES (6-10 Septembre)
- 1994 *Parameters and mechanisms involved in the hydrothermal synthesis of ULM-n, a new family of oxyfluorinated microporous compounds.*
Conférence plénière
1994 Materials Research Society, Spring Meeting
SAN FRANCISCO (4-8 avril)
- Parameters and mechanisms involved in the hydrothermal synthesis of oxyfluorinated microporous compounds.*
Conférence plénière
GORDON CONFERENCE
WOLFESBORO (New Hampshire) (17-22 juillet)
- Parameters and mechanisms involved in the hydrothermal synthesis of ULM-n, a new family of oxyfluorinated microporous compounds.*
Conférence plénière
International Conference on Fluorine Chemistry: "New Fluorine Science"
KYOTO (27-30 juillet)
- Parameters and mechanisms involved in the hydrothermal synthesis of ULM-n, a new family of oxyfluorinated microporous compounds.*
Conférence plénière
Société Française de Chimie. Colloque Lavoisier
LYON (27-30 septembre)
- 1995 *Mechanisms of formation of oxyfluorinated microporous compounds.* Conférence plénière
3ème Conférence "Paul Sabatier"
STRASBOURG (3-7 juillet 1995)
- 1996 *Design of ULM-16, a new open framework with 16-membered ring channels*
Conférence plénière
1996 Materials Research Society, Spring Meeting
SAN FRANCISCO (6-10 avril)
- 1997 *Toward the design of microporous compounds*
G.FEREY. Conférence plénière
1997 European Conference of Solid State Chemistry
ZURICH (16-19 septembre)
- 1998 *From conventional to non templated microporous compounds.*
G.FEREY. Conférence plénière
1998 European Research Conference in Inorganic Chemistry
SAN FELIU DE GUIXOLS (Espagne) (4-9 septembre)
- 1999 *Microporous solids Analysis, criticisms and improvements*
G.FEREY. Conférence plénière
1999 ACS Meeting . Special J.M. Thomas Award
ANAHEIM. USA(21-25 mars)

Porous Solids, Environment and Strategic Developments

G.FEREY. [Conférence plénière](#)

1999 World Conference on Science
'Science for the 21st Century. A New Commitment'
BUDAPEST. (Hongrie) (26 juin- 2 juillet)

From Pure inorganic to hybrid porous solids

G.FEREY. [Conférence plénière](#)

1999 International Workshop on the future of science
BANGALORE (23-26 Novembre)

Porous Solids: a structural analysis of their genesis

G.FEREY. [Conférence plénière](#)

1999 International Solid State Chemistry Meeting
BANGALORE (26 Novembre- 2 Décembre)

2000

Microporous solids Analysis, criticisms and improvements

G.FEREY. [Conférence plénière](#)

2000. Royal Institution Meeting
OXFORD (21-25 mars)

Microporous solids Analysis, criticisms and improvements

G.FEREY. [Conférence plénière](#)

2000. E-MRS Meeting
Strasbourg (28 mai-2 juin)

Porous Solids, Present and future

G.FEREY. [Conférence plénière](#)

2000 International Conference on Solid State and Inorganic Chemistry BILBAO (Espagne) (3-8 Septembre 2000)

Porous Solids, Present and future

G.FEREY. [Conférence plénière](#)

2000 International Conference on Inorganic Materials
SANTA BARBARA (13-18 Septembre 2000)

Mechanism of formation of micro-and mesoporous titanium phosphates.

G.FEREY. [Conférence plénière](#)

2000 MRS Fall Meeting
BOSTON (27-30 Novembre 2000)

2001

Microporous solids Analysis, criticisms and improvements

G.FEREY. [Conférence plénière](#)

2001. IZC Meeting
OXFORD (1-4 avril 2001)

The genesis of microporous solids.

G.FEREY. [Conférence plénière](#)

2001. GECOM-CONCOORD
ALBE (13-18 mai)

Porous Solids, Present and future

G.FEREY. [Conférence plénière](#)

2001. International Conference on Fluorine Chemistry
BORDEAUX (15-18 Juillet)

From Porous Solids to Scale Chemistry

G.FEREY. [Conférence plénière](#)

2001 International Conference on Inorganic Materials
BIRMINGHAM (30 Juillet-3 Août).

From Porous Solids to Scale Chemistry

G.FEREY. [Conférence plénière](#)

2001 Gordon Conference on Solid State Chemistry
OXFORD (30 Septembre-3 Octobre).

Mechanism of formation of micro-and mesoporous titanium phosphates.

G.FEREY. [Conférence plénière](#)

2001 International Conference on Solid State Chemistry
BANGALORE (27-30 Novembre)

Scale Chemistry.

G.FEREY. [Conférence plénière](#)

2001 Third World International Conference on Solid State Chemistry
BANGALORE (30 Novembre- 6 Décembre)

2002

Rational design of microporous solids.

G.FEREY. [Conférence plénière](#)

2002. Mediterranean Symposium of Solid State Chemistry
MONASTIR (8-12 mars 2002)

The need of large pores : Scale Chemistry and Simulation.

G.FEREY. [Conférence plénière](#)

2002 Max-Planck Institute workshop on Solid State Chemistry
STUTTGART (8-13 avril)

The need of large pores : Scale Chemistry and Simulation.

G.FEREY. [Conférence plénière](#)

US-France workshop on Solid State Science
PARIS (22-24 avril)

Mesoporous titanium(IV), Tin(IV) and Zr(IV) phosphates.

G.FEREY. [Conférence plénière](#)

2002 FIZA International Conference
TAORMINA (Sicile) (1-5 Septembre)

Rational design of microporous solids.

G.FEREY. [Conférence plénière](#)
International Meeting on the Reactivity of Solids
KÖLN (29 Septembre- 2 octobre 2002)

From Building Blocks to porous solids via scale Chemistry and simulation

G.FEREY. [Conférence plénière](#)
Molecular Materials : from synthesis to applications.
PARIS (23 – 26 octobre 2002)

2003

From Building Blocks to porous solids via scale Chemistry and simulation

G.FEREY. [Conférence plénière](#)
2nd International Symposium « Highly Selective Synthesis and Materials Science.
KYOTO (9-11 janvier 2003)

Rational design of porous solids.

G.FEREY. [Conférence plénière](#)
2003.UCSB International Workshop on Materials Science
SANTA BARBARA (27-31 janvier 2003)

Scale Chemistry and Simulation.

G.FEREY. [Conférence plénière](#)
Séminaire franco-Japonais CNRS-JSPS sur la chimie du fluor
PARIS (23-25 avril 2003)

Tools for the design of porous solids

G.FEREY. [Conférence plénière](#)
International Meeting for the Celebration of the Centenary of the Spanish Royal Society of Chemistry.
MADRID (6-11 juillet 2003)

A new class of solids : the breathing matter.

G.FEREY. [Conférence plénière](#)
2003 International Conference on Solid State Chemistry
Festschrift for the 70th birthday of Prof. C.N.R. RAO
BANGALORE (25-28 Novembre 2003)

2004

Tools for the design of porous solids

G.FEREY. [Conférence plénière](#)
17th International Symposium on Fluorine Chemistry.
KYOTO (9-11 mai 2004 2003)

Rational design of porous solids.

G.FEREY. [Conférence plénière](#)
International Workshop on Solid State Science
TAEJONG [Korea] (13-16 mai 2004)

The long way for the design of giant pores

G.FEREY. [Conférence plénière](#)
Third World Conference on Science
CHANGCHUN (China) (17-19 mai 2004)

70 years after, the real design of porous solids

G.FEREY. [Conférence plénière](#)
International Meeting in honour of the C.N.R. Rao's 70th birthday
LONDON (UK) (7-9 septembre 2004)

Hybrids with giant pores obtained by combining targeted chemistry, structural simulation and powder diffraction.

G.FEREY, C. SERRE, C. MELLOTT-DRAZNIIEKS, F. MILLANGE, J. DUTOUR, S. SURBLE, I. MARGIOLAKI.
4th International Conference on Inorganic Materials
ANTWERPEN (Belgique) (18-21 septembre 2004)

2005

From inorganic to hybrid skeletons in porous solids. Ecumenism in chemistry

G.FEREY. [Conférence plénière](#)
17th Groupe Français des zéolithes.
SEVRIER (16-20 mars 2005)

True tailoring of porous solids with giant pores.

G.FEREY. [Conférence plénière](#)
International Conferences of Solid State Sciences
MADRID [Spain] (7-10 avril 2005)

Global approach to tailor-made porous solids, even with giant pores.

G.FEREY. [Conférence plénière](#)
Gordon Research Conference in Solid State Chemistry
IL CIOCCOLO (Toscane) [Italie] (5-10 juin 2005)

Global approach to tailor-made porous solids, even with giant pores.

G.FEREY. [Conférence plénière](#)
Annual Meeting of the Awardees of the von Humboldt Foundation
BERLIN (30 juin -2 juillet 2005)

Design of crystallized hybrid solids with giant cells and mesopores.

G.FEREY. [Conférence plénière](#)
Materials Chemistry 7th (MC7)
EDINBURGH [UK] (5-7 juillet 2005)

True tailoring of porous solids with giant pores.

G.FEREY. [Conférence plénière](#)
10th International Conference in Solid State Chemistry
SHEFFIELD [UK] (29 août-1^{er} septembre 2005)

Crystallized porous solids with giant pores : are there limits to the possible ?

G.FEREY. [Conférence plénière](#)
EURESICO Conference : Molecular Architectures and systems
OBERNAI [France] (14-19 octobre 2005)

Crystallized porous solids with giant pores : are there limits to the possible ?

G.FEREY. [Conférence plénière](#)
PACIFICHEM 2005
Honolulu (Hawaïi) [USA] (15-20 décembre 2005)

2006 ***Crystallized hybrid solids with hierarchies of giant pores : a new world !***

G.FEREY. [Conférence plénière](#)
International Meeting on recent developments in metal oxides and related materials.
BANGALORE (9-11 janvier 2006)

A strange behaviour in Solid State Sciences.

G.FEREY. [Conférence plénière](#)
New trends in Materials
LONDON (UK) (28-30 mars 2006)

A strange behaviour in Solid State Sciences.

G.FEREY. [Conférence plénière](#)
'Frontiers in Inorganic Materials Chemistry' *International Symposium dedicated to Prof. A.K. Cheetham*
SANTA BARBARA (USA) (6-7 avril 2006)

Materials Chemistry ?

G.FEREY. [Conférence plénière](#)
International Workshop 'Defining Materials Chemistry' RSC-ACS-IUPAC London (12 avril 2006)
LONDON (UK) (12 avril 2006)

E.F. Bertaut's lessons to a crystal chemist.

G.FEREY. [Conférence plénière](#)
International Symposium dedicated to Prof. E.F. BERTAUT
GRENOBLE . (12-14 mai 2006)

New trends in hybrid porous solids

G.FEREY. [Conférence plénière](#)
Structure-Property Relationships in Solid State Materials
BORDEAUX . (27-30 juin 2006)

Hybrid porous solids : a new world

G.FEREY. [Conférence plénière](#)
QIES 06 : International Meeting of the Royal Spanish Society of Chemistry
BARCELONE (10-14 Septembre 2006)

Hybrid porous solids : a new world

G.FEREY. [Conférence plénière](#)
5th International Conference on Inorganic Materials
LJUBLJANA (23-26 Septembre 2006)

Multifunctional Hybrid porous solids

G.FEREY. [Conférence plénière](#)
Colloque international Matériaux
DIJON (13-17 novembre 2006)

Porous solids Materials for energy and sustainable development

G.FEREY. [Conférence plénière](#)
Colloque international Matériaux
DIJON (13-17 novembre 2006)

Nanoporous solids for energy and sustainable development

G.FEREY. [Conférence plénière](#)
Trends in Materials and nanosciences
STRASBOURG (21-24 novembre 2006)

2007

Hybrid porous solids : a new world

G.FEREY. [Conférence plénière](#)
International Abraham Clearfield Endowed Lecture
COLLEGE STATION (USA) (3-7 mars 2007)

Porous Materials for energy

G.FEREY. [Conférence plénière](#)
International Meeting of the Electrochemical Society
CHICAGO (USA) (13-17 avril 2007)

Supramolecular chemistry... And beyond ?

G.FEREY. [Conférence plénière](#)
International Meeting for the 150th Anniversary of the French Chemical Society
PARIS (9-11 juillet 2007)

Ecumenism in porous solids.

G.FEREY. [Conférence plénière](#)

15th International Zeolite Conference
BEIJING (CHINA) (12-17 août 2007)

Porous solids : a new world

G.FEREY. [Conférence plénière](#)
XXXI Reunión Bienal de la Real Sociedad Española de Química
TOLEDO (9-14 Septiembre 2007)

Does the crystalline solids breathe ?

G.FEREY. [Conférence plénière](#)
7th International Conference on the nanospace
KYOTO (JAPAN) (9-11 Décembre 2007)

Porous solids : a new world

G.FEREY. [Conférence plénière](#)
VII International Congress on Materials

TAIPEI (TAÏWAN) (13-16 DÉCEMBRE 2007)

Prospects for the future of porous solids

G.FEREY. [Conférence plénière](#)
XX International Conference on the Frontiers of Science
GOTHAM (INDIA) (19-21 Décembre 2007)

2008

The solids breathe !

G.FEREY. [Award lecture](#)
Eyring Award lectures. Arizona State University
TEMPE ARIZONA (USA) (2-4 avril 2008)

Hybrid porous solids : a new world

G.FEREY. [Conférence plénière](#)
NANO-V
VANCOUVER (CANADA) (3-7 mai 2008)

Porous Materials for energy

G.FEREY. [Conférence plénière](#)
Gordon Conference in Porous Solids
BROCWELL (USA) (15-20 juin 2008)

Hybrid Porous Solids... It just begins !

G.FEREY. [Conférence plénière](#)
FEZA European Zeolite Association
PARIS (2-6 septembre 2008)

The new strategic multifunctional materials : hybrid Porous Solids.

G.FEREY. [Award Lecture](#)
Lecture Award of the Chemical Society of Japan
FUKUOKA (Japan) (6-9 september 2008)

Hybrid porous solids : past, present, future

G.FEREY. [Conférence plénière](#)
MOF 2008. 1st International conference on Metal-Organic Frameworks
AUGSBOURG (GERMANY) (8-10 octobre 2008)

Hybrid porous solids : past, present, future

G.FEREY. [Award lecture](#)
Real Sociedad Española de Química Annual Meeting
MADRID (SPAIN) (2-6 November 2008)

Hybrid porous solids : past, present, future

G.FEREY. [Conférence plénière](#)
SAMIC 2008. 1st International conference on Synthesis And Methodologies in Inorganic Chemistry
BRIXEN (ITALY) (1-4 December 2008)

Hybrid porous solids : past, present, future

G.FEREY. [Conférence plénière](#)
Christmas Lectures of the Royal Society
SOUTHAMPTON (UK) (17-19 December 2008)

2009

The solids breathe !

G.FEREY. [Conférence plénière](#)
Hybrid Materials 2009 : 1st International conference on Multifunctional, Hybrid and Nanomaterials
TOURS (FRANCE) (15-19 March 2009)

Hybrid porous solids and health

G.FEREY. [Award lecture 1](#)
Muetterties Lecture Award
BERKELEY (USA) (17-24 April 2009)

The breathing of hybrid porous solids

G.FEREY. [Award lecture 2](#)
Muetterties Lecture Award
BERKELEY (USA) (17-24 April 2009)

Hybrid porous solids, a new world

G.FEREY. Award lecture
National Meeting of the French Chemical Society
GRENOBLE (FRANCE) (17-20 September 2009)

2010

Hybrid porous solids, a new world
G.FEREY. Conférence plénière
BP International meeting
LONDON (UK) (10-13 March 2010)

Hybrid porous solids can act as mixed conductors
International Zeolite Conference Conférence plénière
SORRENTO (ITALY) (20-23 July 2010)

Hybrid porous solids : from synthesis to applications
G.FEREY. Conférence plénière
MOF2010 ; 2nd international meeting on MOFs
MARSEILLE (FRANCE) (08-13 September 2010)

Hybrid porous solids : from synthesis to applications
G.FEREY. Conférence plénière
Materials 2010 ; 4th international meeting
NANTES (FRANCE) (08-13 October 2010)

Hybrid porous solids : from synthesis to applications
G.FEREY. Conférence plénière
Entretiens Jacques Cartier
LYON (FRANCE) (20-22 November 2010)

Hybrid porous solids and the Gold Medal of CNRS
G.FEREY. Conférence plénière
Ceremony of the gold medal Award. Grand Amphi of the 'Sorbonne'
PARIS (FRANCE) (16 December 2010)

Note that, from this date, and in order to satisfy the desire of Mrs Valérie Pécresse, the French Minister of Research, I was asked to use the image of the Gold Medal for giving numerous lectures in front of the public and in high schools in order to promote chemistry (which has a bad image in France) and its benefits for the society. Therefore, beside my usual scientific lectures in symposia which follow, I gave 83 lectures in 2011 and 47 (up to June 2012). Of course, they are not listed here.

2011

Hybrid porous solids : From genesis to applications
G.FEREY. Conférence plénière
C'Nano International symposium
PARIS (FRANCE) (24-26 March 2011)

Molecular explanation of the flexibility and guests dynamics of some MOFs
G.FEREY. Conférence plénière
Hybrid Materials 2011 : 2nd International conference on Multifunctional, Hybrid and Nanomaterials
STRASBOURG (FRANCE) (06-10 March 2011)

Why hybrid porous solids capture greenhouse gases ?
International Conference on CO₂ storage Conférence plénière
RIO DE JANEIRO (BRAZIL) (18-20 April 2011)

Why neutron and synchrotron in situ measurements help to solve the problem of flexible MOFs ?
4th European Neutron Diffraction Conference Conférence plénière
BATZ-SUR-MER (FRANCE) (6-10 June 2011)

The new class of hybrid porous solids : from interesting to useful
G.FEREY. Conférence plénière PARIS (FRANCE) (21-23 June 2011)
International Conferences on the history in Chemistry

Why hybrid porous solids capture greenhouse gases ?
11th International Conference on CO₂ utilization Conférence plénière
DIJON (FRANCE) (27-30 June 2011)

Hybrid porous solids : from interesting to useful
G.FEREY. Conférence plénière
France-Japan conferences in solid state sciences
RENNES (FRANCE) (29 June-04 July 2011)

Hybrid porous solids : a fascinating new class of solids 3 conferences
G.FEREY. Conférence plénière
The Italian Fest of Science
GENOVA, FIRENZE, PADOVA (ITALY) (21-30 October 2011)

2012

Hybrid porous solids : From genesis to applications
G.FEREY. Conférence plénière
New Frontiers in Science
DUBLIN (IRELAND) (14-18 April 2012)

The biomedical applications of hybrid porous solids

- G.FEREY. [Conférence plénière](#)
MOF2012 : 3rd international meeting on MOFs
 EDINBURGH (UK) (16-19 September 2012)
- Open the 'black box' : the mechanisms of formation of MOFs**
 G.FEREY. [Conférence plénière](#)
European Conference on prorous solids
 VALENCIA (SPAIN) (03-05 December 2012)
- 2013
- Open the 'black box' : the mechanisms of formation of MOFs**
 G.FEREY. [Conférence plénière](#)
Hybrid Materials 2013 : 3rd International conference on Multifunctional, Hybrid and Nanomaterials
 SORRENTO (ITALY) (03-07 March 2013)
- Hybrid porous solids : From genesis to applications.** [Davison Award lecture 1](#)
 G.FEREY. [Conférence plénière](#)
Davison Award lecture
 MIT Boston (USA) (16-19 April 2013)
- Hybrid porous solids and biomedecine** [Davison Award lecture 2](#)
 G.FEREY. [Conférence plénière](#)
Davison Award lecture
 MIT Boston (USA) (16-19 April 2013)
- Open the 'black box' : some mechanisms of formation of porous solids**
 G.FEREY. [Conférence plénière](#)
17th International Zeolite Conference
 MOSKOW (RUSSIA) (07-12 July 2013) 107
- The multiple roles of fluorine on the properties of porous solids.**
 G.FEREY. [Conférence plénière](#)
European Symposium on Fluorine Chemistry
 PARIS (FRANCE) (21-25 July 2013)
- Hybrid porous solids : From genesis to applications.**
 G.FEREY. [Conférence plénière](#)
1st China-France Chemical Societies Meeting
 PARIS (FRANCE) (14-16 October 2013).
- 2014
- A step for rational design of MOFs: their mechanisms of formation in hydrothermal medium**
 G.FEREY. [Conférence plénière](#)
5th Korea-France Symposium
 SEOUL (SOUTH KOREA) (25-27 June 2014)
- Metal-Organic Frameworks : from interesting to useful**
 G.FEREY. [Conférence plénière](#)
Ceremony of Dr Honoris Causa of LOMONOSOV University
 MOSKOW (RUSSIA) (1-3 September 2014)
- Dynamics of Flexible Metal-Organic Frameworks**
 G.FEREY. [Conférence plénière](#)
Reception at the Russian Academy of Sciences
 MOSKOW (RUSSIA) (1-3 September 2014)
- Metal-Organic Frameworks : from interesting to useful**
 G.FEREY. [Conférence plénière](#)
Ceremony of Dr Honoris Causa of LOMONOSOV University
 MOSKOW (RUSSIA) (1-3 September 2014)
- Metal-Organic Frameworks : from interesting to useful**
 G.FEREY. [Conférence plénière](#)
Joint Bulgaria-France Confress on Adaptive Supermolecular systems
 MONTPELLIER (FRANCE) (14-17 September 2014)
- Flexibility of MOFs : facts, analyses, reasons and applications**
 G.FEREY. [Conférence plénière](#)
MOF2014
 KOBE (JAPAN) (28 September – 01 October 2014)
- Flexibility of MOFs : facts, analyses, reasons and applications.**
 G.FEREY. [Conférence plénière](#)
Annual meeting of the Royal Society of Belgium
 NAMUR (BELGIUM) (10-13 October 2014)
- Hybrid porous solids and biomedecine**
 G.FEREY. [Conférence plénière](#)
Prof. Martin Jansen Festschrift
 STUTTGART (GERMANY) (5-7 November 2014)
- 2015
- Gases and drugs separations by Metal-Organic Frameworks.**

G.FEREY. Conférence plénière
International workshop :Recent Developments in Advanced Membranes and Porous Materials for Energy, Environment
and Water Applications,
JEDDAH (SAUDI ARABIA) (21-27 February 2015)
Medical applications of Metal-Organic Frameworks.
G.FEREY. Conférence plénière
4th International conference on Multifunctional, Hybrid and Nanomaterials
SITGES (SPAIN) (09-13 March 2015)
Hybrid porous solids : From genesis to applications.
G.FEREY. Conférence plénière
Frontiers in Polymer Science
RIVA DEL GARDA (ITALY) (20-22 May 2015)
Flexibility of MOFs : facts, analyses, reasons and applications
G.FEREY. Conférence plénière
CECAM workshop on flexibility of solids
PARIS (FRANCE) (05-07 June 2015)
Hybrid porous solids : From interesting genesis to useful applications.
G.FEREY. Conférence plénière
NANOMAT 15
SINGAPORE (June 28- July 4 2015)
Medical applications of Metal-Organic Frameworks.
G.FEREY. Conférence plénière
ACIN 2015
NAMUR (BELGIUM) (13-17 July 2015)
Past, Present and Future of MOFs.
G.FEREY Conférence plénière
EUROMOF-1
POTSDAM (GERMANY) (12-14 October 2015)
Past, Present and Future of MOFs.
G.FEREY Conférence plénière
International meeting for the 25th anniversary of the creation of the Institute of Chemical Technology (ITQ) of
Valencia
VALENCIA (SPAIN) (19-23 October 2015)
Flexibility of MOFs : facts, analyses, reasons and applications
G.FEREY. Conférence plénière
VIIIth European Symposium on Molecular Nanoscience
PARIS (FRANCE) (25-29 October 2015)

2016

Flexibility of MOFs : facts, analyses, reasons and applications
G. FERREY. Conférence plénière
International workshoo on flexible solids
KILLARNEY (IRELAND) (26-28 February 2016)
Past, Present and Future of MOFs.
G.FEREY Conférence plénière
Award Lecture at the EuCheMS symposium
SEVILLE (SPAIN) (11-15 Septembe