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Publications

<i>Journal</i>	<i>Number of publications</i>
Acc. Chem. Res.	4
ACS Appl. Mater. & Int.	1
ACS Catal.	19
ACS Central Science	8
ACS Applied Energy Materials	1
ACS Nano	1
Actualité Chimique	1
Adv. Mater.	1
Adv. Func. Mater.	1
Adv. Synth. Catal.	5
Angew. Chem. Int. Ed.	47 (2 Reviews)
Asia J. Org. Chem.	1
Beilstein J. Org. Chem.	1
Catal. Lett.	2
Catal. Today	1
Catal. Sci. Tech.	9
ChemCatChem	5
Chem. Commun.	10
Chem	1
Chem. Eur. J.	13
Chem. Mat.	11
Chem. Phys. Chem.	1
Chem. Rev.	5 (1 Editorial)
Chem. Soc. Rev.	2
ChemSusChem	2
Chim. Oggi. Chem. Today	4
Chimia	7
Chin. J. Catal.	1
Chem. Sci.	31
Curr. Op. Coll. Interf. Sci.	1
Dalton Trans.	16
Electrochimica Acta	1
Energy Env. Sci.	1
Eur. J. Inorg. Chem.	2
Helvetica Chim. Acta	24
Inorg. Chem.	9
J. Catal.	16
J. Organometal. Chem.	5
J. Am. Chem. Soc.	80 (2 Perspectives)
JACSAu	7
J. Mat. Chem. A	1
J. Org. Chem.	3
J. Phys. Chem. B	1
J. Phys. Chem. C	16
J. Phys. Chem. Lett.	6
Microelectronic Engineering	1
Nano Lett.	1
Nature Catal.	2
Nature Energy	1
Nature	2
New J. Chem.	9
Npj computat	1
Organic Lett.	2
Organometallics	13
OGST	1
Phys. Chem. Chem. Phys.	10
Proc. Nat. Acad. Sci.	4
Small	1
Tetrahedron	2
Tetrahedron Lett.	3
Trends Chem.	1
Total	439

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Patents

- [25] Catalyst for Hydrogen Peroxide Activation
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- [24] Activation of supported olefin metathesis catalysts by organic reductants.
Inventors: C. Copéret, V. Mougél, K. Mashima, H. Tsurugi, H. Nagae. EP3233274 (A1) WO2016095061 (A1) (15.12.2015)
- [23] Dissolution dynamic nuclear using materials obtained by incorporation of radicals by covalent bonding on existing porous solids
Inventors: C. Thieuleux, L. Veyre, D. Baudouin, C. Copéret, L. Emsley, A. Lesage, D. Gajan. WO2017085220A1 EP2016078068W (26.05.2017)
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Inventors: T. Alphazan, A. Bonduelle-Skrzypczak, C. Legens, P. Raybaud, C. Copéret.
- [21] Procédé de préparation d'un catalyseur à base de tungstène utilisable en hydrotraitement ou en hydrocraquage, French Patent FRA1353941 (23.03.2014).
Inventors: T. Alphazan, A. Bonduelle-Skrzypczak, C. Legens, P. Raybaud, C. Copéret.
- [20] Immobilized Metathesis Tungsten OXO Alkyldene Catalysts and Use Thereof in Olefin Metathesis.
Inventors: C. Copéret, M. P. Conley and V. Mougél, European Patent 13 004 732.7.
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Inventors: C. Copéret, and V. Mougél, European Patent, 13 003 541.3.
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Inventors: C. Copéret, and V. Mougél, European Patent, 13 003 540.5.
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Inventors: D. Gajan, C. Copéret, L. Emsley, A. Lesage, C. Thieuleux.
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- [15] Procédé de préparation de nanoparticules de cuivre par un procédé de dépôt électroless
Inventors: A. Roussey, V. Jousseume, C. Copéret, and C. Thieuleux.
US13524774. 15/06/2012.
- [14] Dépôt chimique en phase vapeur de PtSi à partir de complexes organométalliques de Pt
Inventors: P. Laurent, C. Copéret, S. Donet and C. Thieuleux.
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- [13] Non-aqueous solvent mixtures for DNP NMR spectroscopy.
Inventors: D. Gajan, C. Copéret, L. Emsley, A. Lesage, M. Lelli, W. Maas, M. Rosay, A. Rossini, P. Tordo, A. Zagdoon.
European patent application No. 11305736.8; 10/06/2011
- [12] Hybrid organic-inorganic materials that contain stabilized carbenes and application in catalysis.
Inventors: Jean-Marie Basset, Malika Boualeg, Jean-Michel Camus, Christophe Copéret, Iyad Karamé, Tarun Maishal, Chloé Thieuleux, Laurent Veyre, Stéphane Dalauzun, Ahmad Mehdi, Cathering Réyé, Robert Corriu
EP08.290068.9, 06/01/2009. US61/006,650, 06/01/2009.
- [11] Catalytic process for converting ethylene into propylene.
Inventors: Jean Marie Basset, Jean Thivolle Cazat, Mostafa Taoufik, Erwan Le Roux, Christophe Copéret.
FR 872510, 06/01/2006.
- [10] Process for the metathesis of alkenes using a catalyst comprising alumina which has been surface grafted with tungsten hydride moieties.
Inventors: Jean Marie Basset, Jean Thivolle Cazat, Mostafa Taoufik, Erwan Le Roux, Christophe Copéret.
FR2872509, 06/01/2006.
- [9] Metal compound fixed on a support, preparation process, and use of the compound in hydrocarbon metathesis reactions.
Inventors: Jean Marie; Basset, Christophe Copéret, Daravong Soulivong, Mostafa Taoufik, Jean Thivolle-Cazat.
FR2852866, 10/01/2004.
- [8] Process for conversion of methane into ethane. Inventeurs: J.-M. Basset, P. Bres, C. Copéret, Inventeurs : B. M. Maunders, D. Soulivong, M. Taoufik, J. Thivolle Cazat
FR2840607, WO2003104171, 10/06/2002.
- [7] Process for manufacture of alkanes from one species to another species.
Inventors: C. Copéret, D. Soulivong, B. M. Maunders, G. Sunley, I. Dobson,
FR2840606, WO2003104172, 10/06/2002.
- [6] Process for the manufacture of alkanes from methane.
Inventors : J.-M. Basset, C. Copéret, R. Pardy, D. Soulivong, G. J. Sunley, J. Thivolle-Cazat.
FR2002-1389, WO2003066552, 22/01/2001.
- [5] Supported metal compound, preparation of the compound and use of the compound as a catalyst.
Inventors: J.-M. Basset, C. Copéret, B. M. Maunders, G. Saggio, F. Rataboul, D. Soulivong, M. Taoufik, J. Thivolle-Cazat.
FR2002-709, WO2003061823, 21/01/2001.
- [4] Supported catalysts for the metathesis of olefins.
Inventeurs: M. Chabanas, C. Copéret, J.-M. Basset
DE10046143, WO0222262, 15/09/2000.
- [3] Process and catalysts for manufacturing alkanes by the metathesis of methane with alkanes.
Inventeurs: J.-M. Basset, B. M. Maunders, C. Copéret, L. Lefort, O., Maury, G. Saggio, J. Thivolle-Cazat.

FR2796066, WO0104077, 09/07/1999.

[2] Manufacture of alkanes in the presence of supported organometallic compounds.

Inventors: J.-M. Basset, B. M. Maunders, C. Copéret, L. Lefort, O., Maury, G. Saggio, J. Thivolle-Cazat.

FR2785605, WO0027781, EP1124041, 6/11/1998.

[1] A Simple and Efficient Method for the Preparation of Pyridine-*N*-oxides.

Inventors: K. B. Sharpless, C. Copéret, H. Adolfsson, A. K. Yudin.

US provisional patent, TSRI Disclosure No. 610.0P.

Plenary (30), Keynote (6) and Invited (83) lectures in national and international congresses

2022-2023

- [143] **Plenary Lecture**, Euromar (Glasgow, UK, July, 9-13 2023)
 [142] **Plenary Lecture**, ESOC 2023 (Ghent, Belgium, July, 9-13 2023)
 [141] **Plenary Lecture**, ISOM-24 (Bergen, Norway, July, 2-5 2023)
 [140] Invited Lecture, GRC Hydrogen (Les Diablerets, Switzerland, June, 25-28 2023)
 [139] **Plenary Lecture**, GECOM-CONCOORD (Fournols, France, Mai, 21-25 2023)
 [138] **Keynote Lecture**, Symposium on Chemical Dynamics at Extended Scales – Fritz-Haber Institute (Berlin, DE, Jan. 10-11 2023)
 [137] **Keynote Lecture**, Challenges in Catalysis VII – Royal Society of Chemistry (London, UK, Nov, 15 2022)
 [136] **Plenary Lecture**, Humboldt Award Lecture (Bamberg, Germany, Sept, 4-8 2022)
 [135] **Keynote Lecture**, ADHOC (Girona, Spain, Sept, 4-8 2022)
 [134] **Keynote Lecture**, ICCO (Rimini, Italy, Aug, 28-Sept 2 2022)
 [133] **Plenary Lecture**, Virginia Clean Energy Catalysis Club SUMMIT (Charlottesville, USA, Aug, 8 2022)
 [132] **Plenary Lecture**, TOCAT (Sapporo, Japan, Aug, 1 2022)
 [131] **Keynote Lecture**, TOCAT-9 (Fukuoka, Japan, July, 24-29 2022)
 [130] Invited Lecture, GRC, Organometallics (Salve Regina, USA, July, 14-20 2022)
 [129] **Keynote Lecture**, ISSCH (Norway, June, 26-29 2022)
 [128] Invited Lecture (2), ACS Meeting (San Diego, March, 26-29 2022)
 [127] Invited Lecture (1), ACS Meeting (San Diego, March, 26-29 2022)
 [126] Invited Lecture, Inorganic Chemistry at MIT: a Symposium Honoring the Career of Richard R. Schrock (Cambridge/MA, March, 12 2022)
 [125] Invited Lecture, NMR Zoominar (MIT Virtual, Feb, 15 2022)
 [124] **Keynote lecture**, NANOicon 2022 (Zoom meeting, Jan, 11 2022)

2020-2021

- [123] *Invited Lecture*, Negishi Legacy Symposium (CPE Lyon, Dec. 2 2021).
 [122] *Invited Lecture*, Casale 100 years mini-symposium in catalysis (On Line Event, Nov. 16 2021).
 [121] **Plenary Lecture**, 52. Symposium on Catalysis (Prague, Czech Republic, Nov, 8-9 2021)
 [119-120] *Two invited Lectures*, Summer School on Catalysis (Les Diablerets, CH, Sept. 6-8 2021).
 [118] **Plenary Lecture (remote lecture)**, Cell-Symposia Advancing Catalysis for C1 Chemistry (Dalian, China, July, 23-25 2021)
 [117] *Invited Lecture*, Sitzung des ProcessNet-Arbeitsausschusses Kinetik und Reaktionsmechanismen (AA-KIN)–DECHEMA (Frankfurt, Germany, Jan, 23 2020)

2018-2019

- [116] **Plenary Lecture**, Nara Conference (Nara, Japan, 18-22 Dec. 2019).
 [115] **Plenary Lecture**, International Conference on Organoelement compounds and polymers (Moscow, Russia, 18-22 Nov. 2019).
 [114] **Plenary Lecture**, Europacat (Aachen, Germany, 19-24 Aug 2019).
 [113] *Invited Lecture*, Theory and Practice in Catalysis (Telluride, USA, July, 20-23 2019)
 [112] **Plenary Lecture**, ISOM-23 (Barcelona, Spain, 10-13 July 2019).
 [111] *Invited Lecture*, BlueSky Conference (Sorento, Italy, June 23-27 2019)
 [110] *Invited Lecture*, ENC (Asilomar, USA, April 7-12 2019)
 [109] **Keynote lecture**, HYMA (Sitges, Spain, March 11-15 2019)
 [108] *Invited Lecture*, 34th WORKSHOP on Novel Materials and Superconductivity (Schladming, Austria, Feb. 9-15 2019)[107]
 [107] **Plenary Lecture**, C&FC (Bangkok, Thailand, 10-12 Dec. 2018).
 [106] *Invited Lecture*, Catalysis Summit 2018 (Filzmoos, Austria, 20-23 Sept 2018).
 [105] *Invited Lecture*, TOCAT (Yokohama, Japan, 5-10 Aug 2018).
 [104] *Invited Lecture*, Gordon Conference on Colloidal Semiconductor Nanocrystals (Smithfield, USA, 15-20 July 2018).
 [103] *Invited Lecture*, Gordon Conference on Catalysis (Colby-Sawyer College, USA, June, 24-29 2018).
 [102] *Invited Lecture*, Tsukuba Material Science Meeting (Tsukuba, Japan, June, 1 2018).
 [101] *Invited Lecture*, DFG-DNP Workshop (Bonn, Germany, April, 20 2018).
 [100] *Invited Lecture*, SAOG 2017 (Fribourg, Switzerland, February, 1 2018).

2016-2017

- [99] *Invited Lecture*, DNP Meeting (Tsukuba, Japan, 8 Dec. 2017).
 [98] *Invited Lecture*, AChEI (Minnesota, USA, 29 Oct-3 Nov. 2017).

- [97] Invited Lecture, Catalysis Summit 2017 (Filzmoos, Austria, 21-24 Sept 2017).
 [96] Invited Lecture, "Silk Road" International Advanced Forum on Green Chemistry (Lanzhou, China, July, 15-16 2017).
 [95] Invited lecture, 19th IUPAC International Symposium on Organometallic Chemistry Directed Towards Organic Synthesis (OMCOS-19) (Jefu Island, Korea, 25-29 June 2017).
 [94] Invited lecture, International Conference on Hydrogen Atom Transfer (iCHAT – Villa Mondragone, USA, 2–6 July 2017).
 [93] Invited lecture, 2017 meeting on catalysis (Telluride, Colorado, USA, 10-14 June 2017)
 [92] Invited lecture, Phonsi Summer School (Fréjus, France, 22–26 Mai 2017).
 [91] Invited lecture, ACS Meeting (San Francisco, USA, 2-6 April 2017).
 [90] Invited lecture, Multifunctional Hybrid and Nanomaterials (Lisbon, Portugal, 6-10 March 2017).
 [89] Invited lecture, International Symposium of the CRC 1109 (Berlin, Germany, 19-22 February 2017).
 [88] Invited lecture, Solvay Conference (Brussels, Belgium, 17-22 Sept. 2016).
 [87] Invited lecture, Gordon Conference – Organometallic Chemistry (Salve Regina, USA, 12–16 July 2016).
 [86] Invited lecture, Blue Sky Conference (Sorrento, Italy, 27–30 June 2016).
 [85] Invited lecture, ICC (Beijing, China, 3–7 July 2016).
 [84] Invited lecture, FCATS – CNRS Summer School (Vogüé), France, 12–17 June 2016).
 [83] Invited Lecture*, Zing (Albufeira Conference on Carbon Dioxide Conversion Catalysis, Portugal, 19–22 April 2016).*
 *replaced by Dr. K. Larmier
 [82] **Plenary Lecture**, German Chemical Society Meeting (Weimar, Germany, 16–18 March 2016).
 [81] **Plenary Lecture**, XVIth Netherlands' Catalysis & Chemistry Conference (Noordwijkerhout, Netherland, 7–9 March 2016).

2014-2015

- [80] Invited lecture, 2015 Advances in Polyolefins conference (Santa Rosa, USA, 21–24 Sept. 2015).
 [79] **Plenary lecture**, ISOM-22 (Graz, Austria, 12–16 July 2015).
 [78] **Plenary lecture**, SCF 2015 (Lille, France, 6–9 July 2015).
 [77] **Plenary lecture**, NAMS (Pittsburg, USA, 16-19 June 2015).
 [76] **Plenary lecture**, GECOM (Lyon, 26-29 Mai 2015).
 [75] Invited lecture, Green Chemistry and Catalysis Center Annual Conference (Quebec, 12 Mai 2015).
 [74] Invited lecture, Bruker workshop (Ettlingen, 4–5 November 2014).
 [73] Invited lecture, pNMR workshop (Cambridge, 16–17 September 2014).
 [72] Invited lecture, EurChemS (Istanbul, 1–5 September 2014).
 [71] Invited lecture, ICN+T 2014 (Vail, 20–25 July 2014).
 [70] **Plenary lecture**, Euromar 2014 (Zürich, 29. June – 3. July 2014).
 [68] Invited lecture, Bruker Symposium EUROMAR 2014 (Zürich, 29. June 2014).
 [68] Invited lecture, CIMTEC 2014 (Montecatini, 8-20. June 2014).
 [67] **Plenary lecture**, 46th Annual Polish Conference on Catalysis (Krakow, 21-22. March 2014).
 [67] Invited lecture 3, ACS spring meeting 2014 (Dallas, 16-20. March 2014).
 [66] Invited lecture 2, ACS spring meeting 2014 (Dallas, 16-20. March 2014).
 [65] Invited lecture 1, ACS spring meeting 2014 (Dallas, 16-20. March 2014).
 [64] Invited lecture, Spring Symposium of New York Catalysis Society (Lehigh University, 12. March 2014).

2012-2013

- [63] **Plenary lecture**, 11th International Congress of Young Chemists YoungChem 2013 (Poland, 9-13 October 2013).
 [62] **Keynote lecture**, XI European Congress on Catalysis "Europacat" (Lyon, France, 1-6 September 2013).
 [61] **Plenary lecture**, ISSCH-16 (Sapporo, Japan, 4-9 August 2013).
 [60] **Plenary lecture**, ISOM-20 (Naja, Japan, 14-19 July 2013).
 [59] **Plenary lecture**, Nobel Seminar – University of Osaka (Osaka, Japan, 11/18. July 2013).
 [58] **Feature lecture**, DOE meeting (Anapolis, USA, 30. June – 3. July 2013).
 [57] Invited lecture, INEOS RAS "Modern Trends in Organometallic Chemistry and Catalysis" (Moscow, Russia, 3-7 June 2013).
 [56] Invited lecture, Newton Abraham Symposium (Oxford, UK, 24 Mai 2013).
 [55] Invited lecture, IAE Workshop on "Surface-supported molecular Nanostructures: Foundations and Functionality" (Munich, Germany, 10-12 April 2013).
 [54] Invited lecture, Journée Paul Sabatier – 100th Year Anniversary of the Nobel Prize of V. Grignard (Toulouse, France, Dec. 13 2012).
 [53] **Plenary lecture**, Welch Foundation Conference 2012 (Houston, USA, Oct. 23-24, 2012).
 [52] Invited lecture, SMALL summer school (ENS Lyon, France, Sept. 25-27, 2012).
 [51] Invited lecture, Gordon Research Conference Catalysis (New London, USA, June 24-29, 2012).
 [50] **Plenary lecture**, "Congress of the Interdivisional Group of Organometallic Chemistry of the Italian Chemical Society" (Padua, Italy, June 5-8, 2012).
 [49] Invited lecture, Journée de l'Ecole Doctorale de Paris VI (Paris, France, Mai 28-29, 2012).
 [48] Invited lecture, BASF Summer School (Ludwigshafen, Germany, March 5-9, 2012).
 [47] Invited lecture, Journées de Chimie de Coordination (Strasbourg, France, Jan. 12-13, 2012).

2010-2011

- [46] **Keynote lecture**, International Symposium on Catalysis and Fine Chemicals (Nara, Japan, Dec. 4-8 2011).
 [45] Invited lecture, Negishi Nobel Symposium (Lafayette, USA, Nov. 2-4 2011).
 [44] Invited lecture, C1 summer school (Hamburg, Germany, Aug. 22-24 2011).
 [43] Invited lecture, ISOM-19 (Rennes, France, July 10-15 2011).

- [42] Invited lecture, Symposium Franco-Japonais (Rennes, June 28 – July 4 2011).
 [41] **Plenary lecture**, 7th International Symposium on GROUP FIVE ELEMENTS (Riccione, Italy, May 8-12 2011).
 [40] **Plenary lecture**, GEQO (Huelva, Spain, Sept., 2-7 2010).
 [39] Invited lecture, International Conference of Organometallic Chemistry, ICOMC-11, & Orchid Symposium (Taipei, Taiwan, July, 18-23 2010).
 [38] Invited lecture, 44th University of Scotland Inorganic Chemistry Conference (Durham, UK, July 8-9 2010).
 [37] **Keynote lecture**, NGCS9 Conference "Nature Gas Conversion Board" (Lyon, France, May 30 - June 3 2010).
 [36] Invited lecture, IDECAT conference on Catalysis (Porquerolles, France, May 12-16 2010).
 [35] Invited lecture, ACS Meeting – Spring Meeting (San Francisco, USA, March 21-24 2010).
 [34] **Keynote lecture**, "Netherlands' Catalysis and Chemistry Conference" (NCCC XI) (Noordwijkerhout", The Netherlands, March 1 - 3, 2010).

2008-2009

- [33] Invited lecture, International Symposium "Frontiers in Transition Metal Catalysis" (TU Munich, Germany, Oct. 29-31 2009).
 [32] Invited lecture, DGMK-Conference "Production and Use of High Olefins" (Dresden, Germany, Sept. 28-30 2009).
 [31] Invited lecture, Selective Oxidation Symposium ACS Meeting – Fall 2009 (Washington DC, USA, Aug. 2009).
 [30] Invited lecture, International Symposium in Olefin Metathesis (ISOM-18; Liepzig, Germany, Aug. 2009).
 [29] **Plenary lecture**, German-French-Hungarian Congress in Organic and Biomolecular Chemistry (Budapest, June 20 – July 3 2009).
 [28] **Plenary lecture**, NRSC Catalysis and ICMS 'Frontiers in Catalysis' symposium, TU Eindhoven (Eindhoven, June 5 2009).
 [27] Invited lecture, Symposium for the ACS Award in Organometallic Chemistry in Honor of O. Eisenstein. ACS Meeting – Spring 2009 (Salt Lake City, USA, March 20-25 2009).
 [26] **Plenary lecture**, International Symposium in Modern Organic Chemistry (ISMOC) - 2009 (Monastir, Tunisia, Feb. 20-22 2009).
 [25] Invited lecture, IDECAT Winter School "Advanced course on catalysis; from Molecule to Reactor Design" (Villars, Switzerland, Feb. 1-6 2009).
 [24] Invited lecture, International Congress on Coordination Chemistry (ICCC) - 2008 (Jerusalem, Israel, July 19-24 2008).
 [23] **Plenary lecture**, 19th IUPAC International Conference on Physical Organic Chemistry (Santiago de Compostella, Spain, July 13-18 2008).
 [22] Invited lecture, International Symposium on Creation and Control of Advanced Selective Catalysis (Kyoto, Japan, July 8-12 2008).
 [21] Invited lecture, Asian-European Symposium (Obernay, France, Mai 2008).

2006-2007

- [20] Invited lecture, 2nd NanoCat Weekend Workshop (München, Germany, Dec. 15-16 2007).
 [19] Invited lecture, 2nd NanoCat Weekend Workshop (München, Germany, Dec. 15-16 2007).
 [18] Invited lecture, 2nd Workshop France (Lyon) –China (Xiamen, Chine, Oct. 19 – Nov. 02 2007).
 [17] Invited lecture, ISRIUM - 2007 (Ascona, Switzerland, Aug. 19-24 2007).
 [16] Invited lecture, International Symposium in Olefin Metathesis (ISOM-17) - 2007 (Pasadena, USA, July 29 – Aug. 3 2007).
 [15] **Plenary lecture**, GECOM - Concoord (Plancœt, France, Mai 20-25 2007).
 [14] Invited lecture, First Idecat Conference in Catalysis (Porquerolles, France, Mai 12-17 2007).
 [13] Invited lecture, Workshop on Industry-Academia Partnerships in Catalysis (Séville, Espagne, March 29-30 2007).
 [12] Invited lecture, First Workshop South China – Lyon (Lyon, France, Oct. 8-13 2006).
 [11] Invited lecture, Inaugural Negishi-Brown Lecture, Purdue University (West Lafayette, USA, July 13 2006).
 [10] Invited lecture, Gordon Conference – Organometallic Series (Salve Regina, USA, July 9-14 2006).

2000-2005

- [9] Invited lecture, Catalysis for fine chemistry and environment, French-Israëli Cooperation (Jerusalem, Israël, Oct. 11-13 2004).
 [8] Invited lecture, "Nanodesigned Catalyst Franco-German Summer School 2004" (Saarbrücken, Germany, Sept. 28 – Oct. 01 2004).
 [7] Invited lecture, XXIst International Conference in Organometallic Chemistry (ICOMC) (Vancouver, Canada, July 25-31 2004).
 [6] Invited lecture, American Chemical Society Meeting (Anaheim, USA, March 2004).
 [5] Invited lecture, American Chemical Society Meeting (Anaheim, USA, March 2004).
 [4] **Young Keynote lecture**, Fechem XV (Zürich, Switzerland, Aug. 10 2003).
 [3] Invited lecture, Colloque « Surfaces » de l'académie des sciences sur les surfaces, Fondation des Treilles (Tourtour, France, July 15 2003).
 [2] Invited lecture, American Chemical Society Meeting (San-Diego, USA, April 01 2001).
 [1] Invited lecture, Frontiers in Organometallic Chemistry (Purdue University, USA, Oct. 18-22 2000).

Oral Communications in national and international congresses

- [12] *Drug Discovery Symposium* (ETH Zürich, Switzerland, Sept. 10 2015).
 [11] *Understanding the Structure(s) of Surface Sites by NMR*.
 Réunion Très Grands Instruments RMN (Lille, France, Nov. 8 2012).
 [10] *Watching Surface Sites by NMR*.

Symposium on the honor of the seventieth birthday of R.A. Andersen (UC Berkeley, US, Oct. 26 2012).

[9] *Unraveling the role of metal-surface interactions in well-defined Ru-based alkene metathesis catalysts by SENS-NMR.*

International Congress on Catalysis ICC (München, Germany, July 2 2012).

[8] Design of well-defined olefin metathesis catalysts.

Journée de la chimie de coordination, ENS Lyon (Lyon, France, April 20 2006).

[7] Designing well-defined alkylidene metal surface complexes as single-site heterogeneous catalysts.

International Symposium on Olefin Metathesis, ISOM 16 (Poznan, Poland, Aug. 6-12 2005).

[6] Analogy between surface and molecular organometallic chemistry.

Journée Région Rhône-Alpes de RMN (ENS Lyon, Lyon, France, July 06 2004).

[5] Bridging the gap between homogeneous and heterogeneous catalysis: a structural point of view.

International Symposium of Homogeneous Catalysis, ISHC-13 (Tarragona, Spain, Sept. 04 2002).

[4] Catalytic properties of the silica-supported tantalum hydride (SiO)₂Ta-H in the hydrogenolysis of alkanes.

American Chemical Society Meeting (San-Diego, USA, April 04 2001).

[3] Catalyseurs hétérogènes mono-sites pour la métathèse des oléfines.

National French Chemical Society Meeting (SFC-2000, Rennes, Nov. 18-22 2000).

[2] La métathèse des alcanes.

National French Chemical Society Meeting (SFC, Toulouse, Nov. 12 1998).

[1] Oxydations sélectives catalysées par le méthyltrioxorhénium.

National French Chemical Society Meeting (SFC, Toulouse, Nov. 12 1998).

Posters in national and international congresses

[8] DNP Surface Enhanced NMR spectroscopy as a tool for the expeditious characterization of surfaces. M.P. Conley, D. Gajan, W.R. Grüning, M. Schwarzwälder, M. Valla, A.J. Rossini, W. Maas, L. Veyre, C. Thieuleux, P. Tordo, A. Lesage, L. Emsley, C. Copéret, The 8th Alpine Conference on Solid-State NMR (Chamonix, France, Sept. 8-12 2013).

[7] Synthesis and characterisation of tungsten perhydrocarbyl complexes supported on oxide supports. Catalytic application in alkane metathesis. E. Le Roux, M. Taoufik, A. Baudouin, J. Thivolle-Cazat, C. Copéret, J.-M. Basset, G. J. Sunley, ICOMC-21 (Vancouver, Canada, July 25-30 2004).

[6] Characterisation and reactivity of zirconium hydrides supported on silica. C. Thieuleux, F. Rataboul, D. Soulivong, A. Baudouin, L. Veyre, C. Copéret, E. A Quadrelli, J. Thivolle-Cazat, J.-M. Basset, A. Lesage, L. Emsley, ICOMC-21 (Vancouver, Canada, July 25-30 2004).

[5] H/D exchange reaction on silica supported zirconium hydride : a theoretical study. H. Chermette, A. Grouiller, C. Copéret, J.-M. Basset. SHHC-10 (Lyon, France, July 2-6 2001).

[4] Towards single site heterogeneous catalysts for organic transformations. C. Copéret, A. de Mallmann, J.-M. Basset ACS Meeting (San-Diego, USA, April 03 2001).

[3] Towards single site heterogeneous catalysts for olefin metathesis. SFC-2000 (Rennes, France, Nov. 18-22 2000). C. Copéret, M. Chabanas, R. Petroff Saint-Arroman, A. Baudouin, J.-M. Basset.

[2] Alkane hydrogenolysis catalyzed by a surface tantalum hydride. OMCOS (Versaille, France, July 18-22 1999). M. Chabanas, C. Copéret, J. Thivolle-Cazat, J.-M. Basset.

[1] A Simple and Convenient Method of Epoxidation of Terminal Alkenes. ACS meeting (Las Vegas, USA, Nov. 7-8 1997). C. Copéret, H. Adolfsson, K. B. Sharpless.

Invited Lectures at Universities and Industry Research Centers

[175] REMAT Virtual meeting (USA, 21.07.2023). [174] TU Wein (Vienna, 26.04.2023). [173] Clariant (Palo Alto, 17.01.2023). [172] University of Tianjin (Tianjin, China via Zoom), 03.01.2023). [171] University of Hokkaido (Sapporo, Japan), 06.12.2022). [170] University of Hokkaido (Sapporo, Japan), 06.12.2022). [169] LIKAT (Rostock Germany), 14.11.2022). [168] University of Rochester (Rochester (NY), 28.10.2022). [167] University of Rochester (Rochester (NY), 26.10.2022). [166] University of Rochester (Rochester (NY), 24.10.2022). [165] ENS Paris (Paris, 05.10.2022). [164] University of Strasbourg (Strasbourg, 22.04.2022). [163] UCLA (Los Angeles, 16.03.2022). [162] Casale (Lugano, 04.03.2022). [161] Clariant (Global R&D Technology Days, 27.10.2021). [160] Air Liquide (Teleseminar, 02.03.2021). [159] Sustainable chemistry lecture series (Stockholm, 21.01.2021). [158] University of Delaware (Teleseminar 28.10.2019). [157] Columbia University – Flat Plauk Lecture II (New York, 25.10.2019). [156] Columbia University – Flat Plauk Lecture I (New York, 24.10.2019). [155] Yale University (New Haven, 21.10.2019). [154] XiMo (Budapest, 07.10.2019). [153] Nankai University (Tianjin, 11.08.2019). [152] Chinese Academy of Sciences (Wuhan, 09.08.2019). [151] Air Liquide (Yokusaka, 07.08.2019). [150] Osaka University (Toyonaka, 05.08.2019). [150] BASF (Ludwigshafen, 31.05.2019). [149] University of Braunschweig (Braunschweig, 11.01.2019). [148] Waseda University (Tokyo, Japan, 08.12.2018). [146] Osaka University (Toyonaka, Japan, 06.12.2018). [146] Humboldt Universität (Berlin, Germany, 01.11.2018). [145] TU Berlin (Berlin, Germany, 31.10.2018). [144] University of Stuttgart (Stuttgart, Germany, 23.10.2018). [143] Fritz-Haber-Institute (Berlin, Germany, 15.10.2018). [142] PSL (Paris, France, 05.10.2018). [141] University of Tokyo (Tokyo, Japan, 10.08.2018). [140] University of Hokkaido (Hokkaido, Japan, 01.08.2018). [139] Tokushima University (Tokushima, Japan, 30.07.2018). [138] Osaka University – Toyonaka Campus (Osaka Japan, 27.07.2018). [137] Kyoto University (Kyoto, Japan, 26.07.2018). [136] University of Osaka – Suita Campus (Osaka, Japan, 25.07.2018). [135] Air Liquide (Tsukuba, Japan, 24.07.2018). [134] Clariant (Heufeld, Germany, 18.04.2018). [133] University of Bayreuth (Bayreuth, Germany, 01.02.2018). [132] Purdue University. (West Lafayette, USA, 20.10.2017). [131] University of Chicago. (Chicago, USA, 17.10.2017). [130] University of Chicago. (Chicago, USA, 17.10.2017). [129] University of Chicago. (Chicago, USA, 16.10.2017). [128] Asahi Glass Corp. (Kokura, Japan, 04.08.2017). [127] University of Oxford (Oxford, UK, 14/02/2017). [126] University of Tübingen (Tübingen, Germany, 09/02/2017). [126] TUM (Munich, Germany, 11/01/2017). [125] UC Riverside (Riverside, USA, 07/10/2016). [124] Fritz-Haber-Institute (Berlin, Germany, 28/10/2016). [123] Fritz-Haber-Institute (Berlin, Germany, 27/10/2016). [122] Michigan State University (East Lansing, USA, 06/10/2016). [121] ISIS (Strasbourg, France, 27/09/2016). [120] AGC Sci. Tech. (Kita-Kyushu, Japan, 02/08/2016). [119] Tsukuba University (Tsukuba, Japan, 29/07/2016). [118] Mitsubishi Chemicals (Yokohama, Japan, 28/07/2016). [117] Sumitomo (Chiba, Japan, 26/07/2016). [116] Tokyo Institute of Technology (Tokyo, Japan, 25/07/2016). [115] University of Utah (Salt Lake City, USA, 18/07/2016). [114] Solvay (Shanghai, China, 01/07/2016). [113] ENS Lyon (Lyon, France, 10/02/2016). [112] University of Göttingen (Göttingen, Germany, 02/12/2015). [111] KIT (Karlsruhe, Germany, 14/01/2015). [110] Collège de France (Paris, France, 06/01/2016). [109] Lawrence Berkeley Laboratory (Berkeley, US, 16/10/2015). [108] Miller Institute (Berkeley, US, 13/10/2015). [107] UC Berkeley (Berkeley, US, 02/10/2015). [106] KU Leuven (Leuven, Belgium, 08.09.2015). [105] LG Chem (Daejeon, Korea, 13.08.2015). [104] Osaka University (Osaka, Japan, 10.08.2015). [103] Mitsubishi Chemical (Yokohama, Japan, 05.08.2015). [102] Asahi Glass Corp. (Yokohama, Japan, 03.08.2015). [101] PSI (Villigen, Switzerland, 02.07.2015). [100] McGill (Montreal, Canada, 13.05.2015). [99] TUE (Eindhoven, Netherlands, 28.04.2015). [98] BP (Naperville, USA, 02/02/2015). [97] University of Wisconsin (Madison, USA, 30/01/2015). [96] University of Wisconsin (Madison, USA, 28/01/2015). [95] University of Munster (Munster, Germany, 15/01/2015). [94] Académie des Sciences (Paris, France, 13/01/2015). [93] KAIST (Daejeon, South Korea, 16/12/2014). [92] LG Chem (Daejeon, South Korea, 15/12/2014). [91] University of Stuttgart (Stuttgart, Germany, 13/11/2014). [90] Osaka University (Osaka, Japan, 23/08/2014). [89] Kyoto University (Kyoto, Japan, 23/08/2014). [88] Kyushu University (Fukuoka, Japan, 21/08/2014). [87] Keio University (Tokyo, Japan, 19/08/2014). [86] AIST (Tsukuba, Japan, 18/08/2014). [85] University of Tokyo (Tokyo, Japan, 06/08/2014). [84] Tokyo Institute of Technology (Tokyo, Japan, 04/08/2014). [83] Nagoya University (Nagoya, Japan, 01/08/2014). [82] BASF (Ludwigshafen, Germany, 08/07/2014). [81] ExxonMobil (Clinton, USA, 13/04/2014). [80] BP (Hull, UK, 26/02/2014). [79] Humboldt Universität (Berlin, Germany, 15/01/2014). [78] Laboratoire de Chimie de Coordination (Toulouse, France, 10/01/2014). [77] EXXON (Machelen, Belgium, 02/12/2013). [76] California State University (Northridge, USA, 14/11/2013). [75] Sumitomo – Chiba (Chiba, Japan, 02/08/2013). [74] KOEI (Chiba, Japan, 01/08/2013). [73] University of Nagoya (Nagoya, Japan, 31/07/2013). [72] University of Osaka – Suita Campus (Osaka, Japan, 30/07/2013). [71] University of Osaka – Toyonaka Campus (Osaka, Japan, 29/07/2013). [70] XiMo (Budapest, Hungary, 21/05/2013). [69] Givaudan (Dubendorf, Switzerland, 24/04/2013). [68] University of Stockholm (Stockholm, Sweden, 15/04/2013). [67] University of Ottawa – Lemieux Lecture II (Ottawa, Canada, 24/01/2013). [66] University of Ottawa – Lemieux Lecture I (Ottawa, Canada, 23/01/2013). [65] University of Cambridge (Cambridge, UK, 15/11/2012). [64] University of Southern California (Los Angeles, USA, 31/10/2012). [63] MIT (Cambridge, USA, 29/06/2012). [62] Université de Bourgogne (Dijon, France, 1/06/2012). [61] ICIQ (Tarragona, Spain, 17/05/2012). [60] Universitat Autònoma de Barcelona (Bellaterra, Spain, 16/05/2012). [59] University of California – Seaborg Memorial Lecture (Berkeley, USA, 24/02/2012). [58] University of California – Seaborg Memorial Lecture (Berkeley, USA, 17/02/2012). [57] University of Geneva (Geneva, Switzerland, 15/12/2011). [56] Lonza (Visp, Switzerland, 21/11/2011). [55] UOP (Des Plaines, USA, 15/11/2011). [53] Chicago Catalysis Club (Chicago, USA, 14/11/2011). [54] University of Illinois (Chicago, USA, 14/11/2011). [52] Sumitomo Chemicals (Osaka, Japan, 12/09/2011). [51] University of Osaka (Osaka, Japan, 12/09/2011) [50] UNICAT, TU Berlin (Berlin, Germany, 26/01/2011). [49] FHI Berlin (Berlin, Germany, 25/01/2011). [48] Université de Versailles (Versailles, France, 03/07/2010). [47] Institut de Chimie de Rennes (Rennes, France, 10/09/2009). [46] Department of Chemistry, ETH Zurich (Zurich, Switzerland, 27/08/2009). [45] Department of Chemistry, University of Toronto (Toronto, Canada, 25/08/2009). [44] Exxon Research Centre (Clinton, USA, 20/08/2009). [43] ICIQ (Tarragona, Spain, 03/07/2008). [42] CSIC (Sevilla, Spain, 15/05/2009). [41] BASF (Ludwigshafen, Germany, 05/12/2009). [40] University of Groningen (Groningen, The Netherlands, 16/01/2009). [39] Centre de Recherches, Rhodia (St Fons, 05/12/2008). [38] Department of Chemistry, Ludwig Maximilian Universität (München, Germany, 14/11/2008). [37] Department of Chemistry, University of Goteborg (Goteborg, Sweden, 02/09/2008). [36] Department of Chemistry, University of Stockholm (Stockholm, Sweden, 01/09/2008). [35] Department of Chemistry, University of Bergen (Bergen, Norway, 28/08/2008). [34] Department of Inorganic Chemistry, TU München (Munich, Germany, 14/12/2007). [33] Laboratoire de Chimie Moléculaire, Paris VI (Paris, France, 26/11/2007). [32] NISC (Torino, Italy, 27/09/2007). [32] Symyx (Santa Clara, USA, 24/07/2007). [31] Department of Inorganic Chemistry, Max Planck Institute – Fritz Haber Institute (Berlin, Germany, 12/07/2007). [30] Max-Planck-Institute (Mülheim, Germany, 27/11/2006). [29] Oxford University (Oxford, GB, 6/11/2006). [28] Technische Universität Kaiserslautern (Kaiserslautern, Germany, 23/10/2006). [27] University of California at Riverside (Riverside, USA, 15/04/2006). [26] Materia (Pasadena, USA, 14/04/2006). [25] California Institute of Technology (Pasadena, USA, 13/04/April 2006). [24] Laboratoire de Génie des Procédés Catalytiques, ESCPE Lyon (Lyon, France, 09/02/2006). [23] Katholieke Universiteit Leuven (Louvain, Belgium, 13/01/2006). [22] University of California at Berkeley (USA, 18/03/2005). [21] Department of Chemistry, ETH Zürich, Zürich (Switzerland, 30/11/2004). [20] Ecole Polytechnique, Palaiseau (France, 19/11/2004). [19] DSM (Maastricht, NL, 15/12/2003). [18] Université de Neuchâtel (Neuchâtel, Switzerland, 11/11/2003). [17] Ecole Normale Supérieure (Lyon, France, 03/07/2003). [16] University of California (Los Angeles, USA, 09/04/2003). [15] California Institute of Technology (Pasadena, USA, 07/04/2003). [14] Scripps Research Institute (La Jolla, USA, 04/04/2003). [13] University of California Santa Barbara (Santa Barbara, USA, 02/04/2003). [12] Symyx Corporation (Santa Clara, USA, 31/03/2003). [11] University of California at Davis (Davis, USA, 28/03/2003). [10] University of California at Berkeley (Berkeley, USA, 21/03/2003). [9] Université de Montpellier (Montpellier, France, 10/03/2003). [8] Sanofi-Synthelabo (Montpellier, France, 23/01/2003). [7] University of Columbia (New York, USA, 18/11/2002). [6] Exxon Research Centre (Annandale, USA, 14/11/2002). [5] Dupont Research Centre, Experimental station (Wilmington, USA, 13/11/2002). [4] City University of New York, Hunter College (New York, USA, 05/11/2002). [3] University of Washington (Seattle, USA, 12/04/2001). [2]. Symyx Corporation (Santa Clara, USA, 05/11/2000). [1] Kodak (Rochester, USA, 13/10/1998).