

## CURRICULUM VITAE

(Mai 2016)

Thibault DAMOUR  
né le 7 février 1951, Lyon (France).

### Diplômes.

1970-1974 : Ecole Normale Supérieure de la rue d'Ulm.

1970-1972 : Maîtrise de Physique.

1973 : DEA de Physique Théorique, option Relativité et Théorie des Champs.

1974 : Thèse de Doctorat de 3ème cycle, spécialité Physique Théorique (Université de Paris VI, 5 juin 1974): "Théorie classique de la renormalisation".  
Agrégation de Sciences Physiques.

1979 : Thèse de Doctorat d'Etat ès Sciences Physiques (Université de Paris VI, 10 janvier 1979): "Quelques propriétés mécaniques, électromagnétiques, thermodynamiques et quantiques des trous noirs".

### Carrière.

1970-1974 : Ecole Normale Supérieure de la rue d'Ulm.

1973-1974 : Laboratoire de Physique Théorique, Institut Henri Poincaré, Paris.

1974-1975 : Jane Eliza Procter Fellow à l'Université de Princeton, U.S.A. (Physics Department).

1975-1976 : European Space Agency International Fellow à l'Université de Princeton, U.S.A. (Physics Department).

1976-1977 : Service National – Centre d'Etudes Théoriques de la Détection et des Communications, Base Aérienne 117, Paris.

1977-1981 : Attaché de Recherche au CNRS (Groupe d'Astrophysique Relativiste, ER 176, Observatoire de Paris-Meudon).

1981-1985 : Chargé de Recherche au CNRS.

1985-1992 : Directeur de Recherche (2ème classe) au CNRS. [Mise en disponibilité auprès de l'IHES en 1989-1992; Démission du CNRS le 30/09/92].

1989 (octobre) : Professeur Permanent à l'Institut des Hautes Etudes Scientifiques.

### Distinctions.

1978 : Lauréat de la Fondation Singer-Polignac.

1980 : Médaille de bronze du CNRS.

1984 : Prix de physique théorique "Paul Langevin" de la Société Française de Physique.

1990 : Grand Prix de l'Académie des Sciences, France (Prix Mergier-Bourdeix).

1994: First Award de la Gravity Research Foundation (USA).

1994: Membre correspondant de l'Académie des Sciences.

1996: Médaille Einstein de l'Albert Einstein Gesellschaft, Berne (Suisse).

1999: Membre de l'Académie des Sciences (Section de Physique) et Membre de l'Institut de France.

2005: Cecil F. Powell Memorial Medal de l'European Physical Society.  
2010: Membre de l'Academia Europaea  
2010: Amaldi medal of the Società Italiana di Relatività Generale e Fisica della Gravitazione  
2010: Chevalier de l'Ordre National de la Légion d'Honneur  
2016: European Astronomical Society Prize: Lodewijk Woltjer Lecture  
2016: Election à l'American Academy of Arts and Sciences comme Foreign Honorary Member  
2016: Special Breakthrough Prize in Fundamental Physics for detection of Gravitational Waves

### **Responsabilités.**

1986-1994 : Directeur-adjoint de l'UPR 176 du CNRS – Département d'Astrophysique Relativiste et de Cosmologie de l'Observatoire de Paris-Meudon.  
1991-1995: Membre nommé du Comité National de la Recherche Scientifique (Centre National de la Recherche Scientifique).  
1991-1996 : Team member and chairman of the theory group du projet de mission spatiale STEP (Satellite Test of the Equivalence Principle) proposé à l'Agence Spatiale Européenne dans le cadre des Medium Size Projects M2 et M3.  
1994-1997 : Membre du Fundamental Physics Topical Team (TT-5), puis du Fundamental Physics Advisory Group (FPAG), de l'Agence Spatiale Européenne.  
1994-2000 : Membre du Comité des Programmes Scientifiques du Centre National d'Etudes Spatiales.  
1995-1997 : Membre du Conseil Scientifique de l'Ecole Normale Supérieure.  
2013-2015 : Member of the Editorial Board of Physical Review D.  
2013- : Membre du Fachbeirat du Max Planck Institut Albert Einstein (Potsdam).  
2014- : co-président du Science Working Group de la mission spatiale MICROSCOPE

### **Conférences plénières invitées.**

- Décembre 1974 : Seventh Texas Symposium on Relativistic Astrophysics, Dallas (USA).
- Juillet 1975 : First Marcel Grossmann Meeting on General Relativity, Trieste (Italie).
- Novembre 1975: First Advanced Seminar of the International School of Relativistic Astrophysics, Erice (Italie).
- Novembre 1976 : Second Advanced Seminar of the International School of Relativistic Astrophysics, Erice (Italie).
- Juin 1978 : 26ème réunion de la RCP n°25, IRMA, Strasbourg (France).
- Janvier 1979 : Einstein Centenary Summer School, Perth (Australie).
- Avril 1979 : Journées Relativistes, Angers (France).
- Juillet 1979 : Second Marcel Grossmann Meeting on the Recent Developments of General Relativity, Trieste (Italie).
- Septembre 1980 : 4<sup>o</sup> convegno di Relativita Generale e Fisica della Gravitazione, Pavia (Italie).
- Mars 1981 : Workshop on Approximation Methods for Isolated Systems in Relativistic Gravity, Schloss Ringberg (RFA).
- Mai 1981 : Journées Relativistes, Grenoble (France).
- Juin 1982 : Ecole de Physique Théorique des Houches sur le “Rayonnement gravitationnel”.
- Septembre 1982 : Third Marcel Grossmann Meeting on the Recent Developments of General Relativity, Shanghai (Chine).
- Mai 1983 : Journées Relativistes 1983, Turin (Italie).
- Juillet 1983 : Tenth International Conference on General Relativity and Gravitation, Padoue (Italie).
- Juillet 1983 : Second Rome Astrophysical Meeting: “Precision measurements of relativistic effects in astrophysical systems”, Rome (Italie).
- Septembre 1983 : Encuentros Relativistas Españoles 1983, Majorque (Espagne).
- Novembre 1983 : Journée : “Optique et Rayonnement Gravitationnel”, Paris (France).
- Octobre 1984 : VI Convegno di Relativita Generale e di Fisica della Gravitazione, Florence (Italie).
- Avril 1985 : Journées Relativistes 1985, Marseille (France).
- Juin 1985 : Fourth Marcel Grossmann Meeting, Rome (Italie).
- Juin 1985 : Stueckelberg Memorial Lectures, Lausanne (Suisse).
- Avril 1986 : XIVth Yamada Conference on Gravitational Collapse and Relativity, Kyoto (Japan).
- Juillet 1986 : NATO Advanced Study Institute on Gravitation in Astrophysics, Cargèse (France).
- Juillet 1986 : VIIIth International Congress on Mathematical Physics, Marseille (France).
- Mai 1987 : Second Canadian Conference on General Relativity and Relativistic Astrophysics, Toronto (Canada).
- Juillet 1987 : Newton Tercentenary Conference, Cambridge (Angleterre).

Décembre 1987 : International Conference on Gravitation and Cosmology, Goa (Inde).

Juin 1988 : Journées 1988 “Systèmes de Référence Spatio-temporels”, Paris (France).

Juin 1988 : Atelier “Chronométrage des Pulsars”, Nançay (France).

Août 1988 : Fifth Marcel Grossmann Meeting, Perth (Australie).

Avril 1989 : Journées 1989 “Systèmes de Référence Spatio-temporels”, Paris (France).

Avril 1989 : Journées Relativistes 1989, Tours (France).

Mai 1989 : Workshop on Gravitation, Magneto-convection and Accretion, Schloss Ringberg (RFA).

Janvier 1990 : Xth Moriond Workshop, “New and Exotic Phenomena”, Les Arcs (France).

Mai 1990 : Rencontres Helvétiques de Physique Mathématique, Genève (Suisse).

Mai 1990 : Troisièmes Journées Systèmes de Référence Spatio-temporels / Colloque André Danjon, Paris (France).

Juin 1990 : Workshop on Impact of Pulsar Timing on Relativity and Cosmology, Berkeley (USA).

Septembre 1990 : First William Fairbank Meeting on Relativistic Gravitational Experiments in Space, Rome (Italie)

Septembre 1990 : Elizabeth and Frederick White Research Conference on Gravitational Astronomy, Canberra (Australie).

Janvier 1991 : XIth Moriond Workshop, “Massive Neutrinos, Tests of Fundamental Symmetries”, Les Arcs (France).

Mai 1991 : Journées Relativistes 1991, Cargèse (France).

Septembre 1991 : 81th WE-Heraeus Seminar, “Aktuelle Entwicklungen in der Erforschung der relativistischen Gravitation”, Bad Honnef (RFA).

Décembre 1991 : International Conference on Gravitation and Cosmology, ICGC-91, Ahmedabad (Inde).

Janvier 1992 : XIIth Moriond Workshop, “Massive Neutrinos, Tests of Fundamental Symmetries”, Les Arcs (France).

Mars 1992 : Deutschen Physikalischen Gesellschaft 56 Physikertagung, Berlin (Allemagne).

Avril 1992 : Discussion meeting on “Pulsars as Physics Laboratories”, The Royal Society, London (Angleterre).

Avril 1992 : Journées scientifiques de la Société Française des Spécialistes en Astronomie, Meudon (France).

Mai 1992 : Journées Relativistes 1992, Amsterdam (Pays-Bas).

Juin 1992 : Analyse, Variétés et Physique, Paris (France) (Colloque en l’honneur d’Yvonne Choquet-Bruhat).

[Juin 1992 : 13th International Conference on General Relativity and Gravitation, Cordoba (Argentina) (Participation cancelled because of flight problems).]

Juillet 1992: Ecole d’Eté de Physique Théorique: “Gravitation and Quantizations”, Les Houches (France).

Février 1993 : XIIIth Moriond Workshop, “Perspectives in Neutrinos, Atomic Physics and Gravitation”, Villars-sur-Ollon (Suisse).

Avril 1993 : STEP Symposium, “Testing the Equivalence Principle in Space”, Pisa (Italie).  
 Septembre 1993 : XXIIth International Conference on Differential Geometry Methods in Theoretical Physics, Ixtapa-Zihuatanejo (Mexique).  
 Janvier 1994: XIVth Moriond Workshop, “Particle Astrophysics, Atomic Physics and Gravitation”, Villars-sur-Ollon (Suisse).  
 Mars 1994: XXIXth Rencontres de Moriond, “Electroweak Interactions and Unified Theories”, Méribel (France).  
 Mars 1994: Classical and Quantum Gravity: A Survey Conference, Isaac Newton Institute, Cambridge (Angleterre).  
 Avril 1994: Future Fundamental Physics Missions in Space and Enabling Technologies, El Escorial (Espagne).  
 Juillet 1994: XIth International Congress of Mathematical Physics, Paris.  
 Juillet 1994: Seventh Marcel Grossmann Meeting on General Relativity, Stanford University (USA).  
 Février 1995: STEP workshop, Mürren (Switzerland).  
 Mars 1995: XVth Moriond Astrophysics Meeting, “Clustering in the Universe”, Les Arcs (France).  
 Mai 1995: International Workshop on Supersymmetry and Unification of Fundamental Interactions (SUSY-95), Palaiseau (France).  
 Août 1995: 14th International Conference on General Relativity and Gravitation, Florence (Italie).  
 Septembre 1995: 5th Hellenic School and Workshops on Elementary Particle Physics, Corfou (Grèce).  
 Septembre 1995: Les Houches School on “Astrophysical Sources of Gravitational Radiation”, Les Houches (France).  
 Octobre 1995: Symposium on Fundamental Physics in Space, Londres (Angleterre).  
 Octobre 1995: Réunion du GDR 1053 “Gravitation et Expérience”, Grasse (France).  
 Mai 1996: Journées Relativistes 96, Ascona (Suisse).  
 Novembre 1996: Princeton’s 250th Anniversary Conference, Princeton (USA)  
 Novembre 1996: Workshop on the Scientific Applications of Clocks in Space, Pasadena (USA).  
 Septembre 1997: Les Houches School on “Gravitation and Experiment”, Les Houches (France).  
 Juin 1998: Cosmology and Astroparticle Physics (CAPP-98); CERN (Suisse).  
 Septembre 1998: Around VIRGO, Tirrenia, Pisa (Italie).  
 (Octobre 1998: 40ème anniversaire de l’IHES, Bures (France).)  
 Novembre 1998: The Gravitational Constant: Theory and Experiment 200 years after Cavendish, Londres (Angleterre).  
 Décembre 1998: 19th Texas Symposium, Paris (France).  
 Janvier 1999: XXXIVth Rencontres de Moriond “Gravitational Waves and Experimental Gravity”, Les Arcs (France).  
 Juillet 1999: Third ICRA Network Workshop on Relativistic Astrophysics, Rome et Pescara (Italie).

Septembre 1999: International European Conference on Gravitation: Journées Relativistes 99, Weimar (Allemagne).

Octobre 1999: 4th International Conference on Cosmology, Relativistic Astrophysics and Cosmoparticle Physics (Cosmion 99) in honor of the 80th birthday of Isaak M. Khalatnikov, Moscow (Russie).

Janvier 2000: Colliding Black Holes, ITP miniprogram, Santa Barbara (USA).

Février 2000: Jürgen Ehlers Symposium, Albert Einstein Institute, Golm (Allemagne).

Avril 2000: ESA-CERN Workshop on Fundamental Physics in Space, CERN (Suisse).

Mai 2000: Pauli Centenary Conference, Zürich (Suisse).

Juin 2000: Gravitational Waves: A Challenge to Theoretical Astrophysics, ICTP, Trieste (Italie).

Juillet 2000: 9th Marcel Grossmann Meeting, Rome (Italie).

Octobre 2000: Réunion du GDR 1053 “Gravitation et Expérience”, Grasse (France).

Novembre 2000: Science at the New Millenium Program, Institute of Advanced Studies, University of Western Australia, Perth (Australie).

Janvier 2001: Missions Spatiales en Physique Fondamentale (Journée Scientifique de l’ONERA sous l’égide de l’Académie des Sciences), ONERA, Châtillon (France).

Juin 2001: Frontiers of the Universe (XIIIèmes Rencontres de Blois 2001), Blois (France).

Juin 2001: Colloque Gilles Châtelet, Paris (France).

Septembre 2001: Journées Relativistes, University College, Dublin (Irlande).

Octobre 2001: Réunion du GDR 1053 “Gravitation et Expérience”, Grasse (France).

Octobre 2001: Strings and gravity: tying the forces together (Francqui Colloquium), Bruxelles (Belgique).

Juillet 2002: ICRA Workshop in honor of the 60th birthday of Remo Ruffini, Rome (Italie).

Juillet 2002: International Conference on Theoretical Physics, TH-2002, Paris (France).

Septembre 2002: Joint European and National Astronomy Meeting 2002, Workshop on Varying Fundamental Constants, Porto (Portugal).

Septembre 2002: Conférence Blaise Pascal sur: String/Brane Cosmology, Bures (France).

Septembre 2002: Fête Cremmer-Gervais, Paris (France).

Mars 2003: 10th International Workshop on: “Neutrino Telescopes”, Venise (Italie).

Juin 2003: Workshop on Cosmology and Particle Physics, CAPP2003, CERN, Genève (Suisse).

Août 2003: Nobel symposium on Cosmology and String Theory, Sigtuna (Suède).

Octobre 2003: Réunion du GDR 2062 “Gravitation et Expérience dans l’Espace”, Paris (France).

Octobre 2003: KITP workshop on “Superstring Cosmology”, KITP, Santa Barbara (USA).  
 Janvier 2004: Miami Waves 2004, Miami (USA).  
 Mars 2004: Journée en l’honneur d’Yvonne Choquet-Bruhat, IHES.  
 Avril 2004: Deserfest: A celebration of the life and works of Stanley Deser, Ann Arbor (USA).  
 Septembre 2004: Spanish Relativity Meeting ERES 2004, Miraflores (Espagne).  
 Octobre 2004: Réunion du GDR 2062 “Gravitation et Expérience dans l’Espace”, Nice (France).  
 Décembre 2004: 22<sup>th</sup> Texas Symposium on Relativistic Astrophysics, Stanford University, Palo Alto, Californie (USA).  
 Mars-Avril 2005: Spacetime in Action, 100 Years of Relativity, Pavia (Italie).  
 Avril 2005: Geometry and Physics after 100 Years of Einstein’s Relativity, Potsdam (Allemagne).  
 Avril 2005: Einstein 1905-2005, Séminaire Poincaré, Paris (France).  
 Mai 2005: A Century from Einstein Relativity: Probing Gravity Theories in Binary Systems, Villa Olmo, Como (Italie).  
 Juin 2005: Salon Européen de la Recherche et de l’Innovation, Paris (France).  
 Juillet 2005: 13<sup>th</sup> General Conference of the European Physical Society: Beyond Einstein, Physics for the 21<sup>st</sup> Century, Berne (Suisse).  
 Juillet 2005: Albert Einstein Century International Conference, Paris (France).  
 Septembre 2005: 28<sup>th</sup> Spanish Relativity Meeting (ERE05) “A Century of Relativity Physics”, Oviedo (Espagne).  
 Septembre 2005: Galileo Galilei Institute Inaugural Conference, Florence (Italie).  
 Septembre 2005: Cosmic Strings and Fundamental Strings, Paris (France).  
 Octobre 2005: Réunion du GDR 2062 “Gravitation et Expérience dans l’Espace”, Paris (France).  
 Octobre 2005: Geometry and the Universe, Stony Brook (USA).  
 Novembre 2005: Polyakovfest, Princeton (USA).  
 Novembre 2005: Neuvième rencontre “Physique et Interrogations fondamentales”: Einstein et les horizons de la physique, BNF, Paris (France).  
 Décembre 2005: 23<sup>ième</sup> Conseil Solvay de Physique: “The Quantum Structure of Space and Time”, Bruxelles (Belgique).  
 Décembre 2005–Janvier 2006: 23<sup>rd</sup> Winter School in Theoretical Physics: “Symmetries and Dynamics”, Jerusalem (Israel).  
 Février 2006: First Bego scientific rencontres of the ICRA net, Nice (France).  
 Mars 2006: Confronting Gravity: a Workshop to Explore Fundamental Questions in Physics and Cosmology, Saint Thomas, Virgin Islands (USA).  
 Avril 2006: Eurostrings and Greenfest, Cambridge (UK).  
 Juillet 2006: 11<sup>th</sup> Marcel Grossmann Meeting, Berlin (Allemagne).  
 Août 2006: First Cambridge-Mitchell Texas Conference and Gibbonsfest, Cambridge (UK).  
 Octobre 2006: Boltzmann Conference, Munich (Allemagne).  
 Septembre-Décembre 2006: Trimestre Institut Henri Poincaré sur: “Gravitational Waves, Relativistic Astrophysics and Cosmology”, IHP, Centre Emile Borel, Paris (France).

Mai 2007: Journées Tourangelles de Relativité, Tours (France).  
 Juillet 2007: Ecole de Physique des Houches, session 87 “String Theory and the Real World”, Les Houches (France).  
 Septembre 2007: 2<sup>nd</sup> Stueckelberg Workshop on Relativistic Field Theories, ICRANet, Pescara (Italie).  
 Avril 2008: 15 Years Erwin Schrödinger Institute, Vienne (Autriche).  
 Juin 2008: Post Newton 2008, International Workshop, Jena (Allemagne).  
 Juin 2008: IHES 50, conférence de physique Théorique du cycle du cinquante-naire de l’IHES, Bures-sur-Yvette (France).  
 Juin 2008: Landau 100, L.D. Landau Memorial Conference “Advances in Theoretical Physics”, Landau Institute for Theoretical Physics, Chernogolovka (Russie).  
 Juin 2008: RUSGRAV-13, 13th Russian Gravitational Conference, International Conference on Gravitation, Cosmology and Astrophysics, Moscow (Russie).  
 Juin 2008: “Symmetries in Mathematics and Physics”, conférence en l’honneur de Victor Kac, Cortona (Italie).  
 Septembre 2008: 2008 Parma International School of Theoretical Physics, Parma (Italie).  
 Octobre 2008: The Nature of Gravity, Confronting Theory and Experiment in Space, Workshop at the International Space Science Institute, Berne (Suisse).  
 Novembre 2008: Big Bang and Beyond, Microsymposium on Cyclic and Bouncing Universes, Princeton Center for Theoretical Science, Princeton (USA).  
 Mai 2009: Cosmological Frontiers in Fundamental Physics, Workshop of the International Solvay Institutes, Bruxelles (Belgique).  
 Juillet 2009: 12<sup>th</sup> Marcel Grossmann Meeting, Paris (France).  
 Septembre 2009: Challenges in Theoretical Cosmology, Conference of the Tufts Institute of Cosmology, Talloires (France).  
 Mars 2010: Rencontre IPhT-IHES, Bures-sur-Yvette (France).  
 Juillet 2011: 14<sup>th</sup> Capra Meeting, Southampton (UK).  
 Septembre 2011: Microscope Colloquium I: Testing the Equivalence Principle, From the basis of General Relativity to a key to Quantum Gravity, ONERA, Palaiseau (France).  
 Mars 2012: Quantum Gravity in Paris, Orsay et APC, Paris (France).  
 Juin 2012: Relativity and Gravitation – 100 Years after Einstein in Prague, Prague (Tchécoslovaquie).  
 Septembre 2012: Symmetries, unification and the search for quantum gravity (conference on the occasion of Hermann Nicolai’s 60<sup>th</sup> anniversary), Golm (Allemagne).  
 Octobre 2012: From Quantum to Cosmos 5, Cologne (Allemagne).  
 Novembre 2012: Conférence de l’Académie des Sciences “Henri Poincaré”, Paris (France).  
 Janvier 2013: Microscope Colloquium II: Testing the Equivalence Principle, ONERA, Palaiseau (France).  
 3-21 juin 2013: Pescara, Italie. The 2013 yearly ICRANet Scientific Meeting on Relativistic Astrophysics, on the Occasion of the 50th anniversary of the Kerr solution. Trois conférences respectivement intitulées: – Effective One Body



Approach to the Dynamics of Binary Black Hole Systems, – Gravitational Interaction of Two Spinning Black Holes, – Quantum Supersymmetric Cosmology and its Hidden Kac-Moody Structure.

15-17 Octobre 2013: Nice, France. From Quantum to Cosmos 6 (Q2C6). Une conférence intitulée: Gravitational Waves and Dynamics of Coalescing Binary Systems.

4-5 décembre 2013: Paris. Hommage a Michel Hénon. Une conférence intitulée: Chaos in Classical and Quantum Cosmological Billiards.

25 mars 2014: Conference Afterwork (organisée par Société Générale Private Banking), Luxembourg (Luxembourg)

30 mars - 19 avril 2014: Cook's Branch Meeting, Great Brampton House, Hereford (Royaume-Uni)

31 mars - 4 avril 2014: WE-Heraeus Seminar, The Strong Gravity Regime of Black Holes and Neutron Stars, Bad Honnef (Allemagne)

20-23 mai 2014: Gravitation, Solitons and Symmetries, Tours (France)

8-11 octobre 2014: 26<sup>th</sup> Solvay Conference on Physics, Astrophysics and Cosmology, Bruxelles (Belgique)

3-4 novembre 2014: Microscope Colloquium III, ONERA, Palaiseau (France)

18 novembre 2014: Gala des Friends of IHES, New-York (USA)

20 novembre 2014: Institute for Advanced Study, Princeton (USA)

28 décembre 2014 - 8 janvier 2015: 32<sup>nd</sup> Winter School in Theoretical Physics on 100 Years of General Relativity: From Theory to Experiment and Back, Jerusalem (Israel)

1er avril 2015: Trimestre Quantique, Quantum Cosmology: from Einstein to Everett, DeWitt, et al. and back, IHES, Bures-sur-Yvette (France)

19 février 2015: Conférence organisée par Société générale Private Banking (Monaco)

4 mars 2015: Solvay Colloquium: Gravitational Waves from Coalescing Binary Black Holes, Université Libre de Bruxelles, Bruxelles (Belgique)

5-6 mars 2015: Solvay Workshop, "Le charme discret de la Symétrie" en l'honneur de Marc Henneaux, Université Libre de Bruxelles, Bruxelles (Belgique)

7-10 avril 2015: Quantum Gravity in Paris, Paris (France)

28 avril 2015: Cycle 2015 Conférences SCOR, Paris (France)

4-8 mai: International workshop on Future Prospects for Fundamental Particle Physics and Cosmology Workshop, Simons Center for Geometry and Physics, Stony Brook (USA)

4-5 juin 2015: International Workshop in honor of Philippe Spindel: About Various Kinds of Interactions, Université de Mons, Mons (Belgique)

6-9 juillet 2015: International Workshop on Cosmological Frontiers in Fundamental Physics, Université Libre de Bruxelles, Bruxelles (Belgique)

12-18 juillet 2015: International Conference, 14th Marcel Grossmann Meeting on General Relativity, Università di Roma "La Sapienza", Rome (Italie)

15 octobre 2015: Cycle Les ateliers de l'Esprit (organisé par Société Générale Private Banking), Hôtel Intercontinental Paris LeGrand, Paris (France)

21 octobre 2015: Mercredis de Thélème, Université François-Rabelais, Tours (France)

16-17 novembre 2015: International Conference, Testing the Equivalence principle, MICROSCOPE Colloquium IV, ONERA, Palaiseau (France)

16-20 novembre 2015: General Relativity: A Celebration of the 100th Anniversary, Institut Henri Poincaré, Paris (France)

26 novembre 2015: Relativité Générale et trous noirs: un siècle de développement, IHES, Bures-sur-Yvette (France)

30 novembre - 2 décembre 2015: International Conference - A century of General Relativity, Harnack House, Berlin (Allemagne)

8 décembre 2015: La relativité générale aujourd'hui, demain et après-demain, BNF, Paris (France)

14-16 décembre 2015: Conférence International Relativity and Geometry in memory of André Lichnerowicz, Institut Henri Poincaré, Paris (France)

18 et 25 février 2016: Cours, Gravitational Waves and Binary Systems, organisé par Thibault Damour, Michel Davier et Sébastien Balibar, "Ondes gravitationnelles et coalescence de trous noirs", Lieu ?? ()

5 avril 2016: Conférence publique: Théorie du mouvement et du rayonnement gravitationnel de deux trous noirs, Académie des Sciences, Paris (France)

28 avril 2016: Conférence: Ondes gravitationnelles et trous noirs, Institut Fourier, Grenoble (France)

23-26 mai 2016: The first Observation of a Binary Black Hole Merger: Status and Future Prospects; talk on "Thoughts on the Future", Albert Einstein Institute, Hannover (Allemagne)

23 juin 2016: Proust and Einstein: in Search of Time, Librairie Albertine, New York City, New-York (USA)

27 juin - 1er juillet 2016: 19<sup>th</sup> Capra Meeting on Radiation Reaction in General Relativity, talk on "Effective One-Body theory and Self-Force", Meudon Campus of Paris Observatory, Meudon (France)

4 juillet 2016: European Week of Astronomy and Space Science, Lodewijk Woltjer Lecture on "Gravitational Waves and Coalescing Black Holes", Athènes (Grèce)

15-26 août 2016: Current Themes in High Energy Physics and Cosmology, Niels Bohr International Academy, Copenhagen (Danemark)

10-12 janvier 2017: Kings College, London (Royaume-Uni)

23-26 janvier 2017: Conference on 90 Years of Quantum Mechanics, Institute of Advanced Studies, Nanyang Technological University (Singapour)

## LIST OF PUBLICATIONS

### BOOKS.

#### Popular Books

1. T. DAMOUR, J.C. CARRIERE;  
Entretiens sur la multitude du monde.  
2002. Editions Odile Jacob, Paris, 241 pages.
2. T. DAMOUR  
Si Einstein m'était conté  
2005. Le Cherche-Midi, Paris, 237 pages; deuxième édition Le Cherche-Midi 2012; troisième édition Flammarion, Champs Sciences 2016. [Traduction anglaise: Once Upon Einstein, 2006, AK Peters, Boston (USA). Traduction italienne: Albert Einstein La rivoluzione della fisica contemporanea, Piccola Biblioteca Einaudi Mapped, 2009. Traduction russe: Alpina Non-Fiction, 2016]
3. F. BALIBAR, T. DAMOUR  
2005. Einstein, double CD, Editions De Vive Voix (Paris), Collection Science.
4. T. DAMOUR  
2010. Espace, Temps, Matière et Force, d'Einstein à la théorie des cordes, CD 60 minutes, Editions de Vive Voix (Paris). Collection L'Académie raconte les sciences.
5. T. DAMOUR, M. BURNIAT  
2016. Le Mystère du Monde Quantique, 160 pages, Bande dessinée, Dargaud, Paris.

#### Scientific Books

1. J. TRAN THANH VAN, T. DAMOUR, E. HINDS, J. WILKERSON (Editors);  
Perspectives in Neutrinos, Atomic Physics and Gravitation.  
Proceedings of the XIIIth Moriond Workshop (Villars-sur-Ollon, Suisse, January 30 - February 6, 1993).  
1993. Editions Frontières, Gif-sur-Yvette, 589 pages.
2. J. TRAN THANH VAN, Y. GIRAUD-HERAUD, F. BOUCHET, T. DAMOUR, Y. MELLIER (Editors);  
Fundamental Parameters in Cosmology.

Proceedings of the XXXIIIrd Rencontres de Moriond (Les Arcs 1800, France, January 17-24, 1998).

1998. Editions Frontières, Gif-sur-Yvette, 452 pages.

3. A. ASPECT *et al.*  
Einstein Aujourd'hui  
2005. EDP Sciences (Les Ulis) et CNRS Editions (Paris).
4. T. DAMOUR, O. DARRIGOL, B. DUPLANTIER, V. RIVASSEAU, Editors  
Einstein, 1905-2005. Poincaré Seminar 2005.  
2006. Birkhäuser Verlag, Basel (Suisse).
5. T. DAMOUR, B. DUPLANTIER, V. RIVASSEAU, Editors  
Gravitation and Experiment, Poincaré Seminar 2006.  
2007. Birkhäuser Verlag, Basel (Suisse).
6. *Damour:2012in* T. DAMOUR, R.T. JANTZEN, Editors  
(Series Editor: R. RUFFINI) Proceedings of the Twelfth Marcel Grossmann Meeting on General Relativity, On recent developments in theoretical and experimental general relativity, astrophysics and relativistic field theories (UNESCO Headquarters, Paris, France, 12-18 July 2009).  
2012. World Scientific, Singapore, 3 volumes: Parts A, B, C. 2660 pages.
7. T. DAMOUR, I. TODOROV and B. ZHILINSKII  
Symmetries in Nature: Scientific heritage of Louis Michel  
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