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Parcours professionnel

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| 2005 – | Université Denis Diderot, Paris, MAÎTRE DE CONFÉRENCE : Recherche en gravimétrie spatiale . Enseignement en traitement des données, informatique, rotation de la Terre, et analyse numérique. |
| 2003 – 2005 | Observatoire Royal de Belgique, Bruxelles, PREMIER ASSISTANT : Chef de projet « Rotation de la Terre » à l’Observatoire Royal de Belgique. Recherche sur les perturbations géophysiques de la rotation de la Terre et des autres planètes. Chargé des Travaux Pratiques du cours « Astronomie et Géodésie » à l’Université Catholique de Louvain. |
| 2000 – 2003 | FNRS, Bruxelles, CHARGÉ DE RECHERCHE À L’OBSERVATOIRE ROYAL DE BELGIQUE : Chef de projet « Rotation de la Terre » à l’Observatoire Royal de Belgique. Recherche sur les perturbations géophysiques de la rotation de la Terre et des autres planètes. Chargé des Travaux Pratique du cours « Astronomie et Géodésie » à l’Université Catholique de Louvain. |
| 1999 – 2000 | Jet Propulsion Laboratory, Pasadena, CA, USA, CHERCHEUR POST-DOCTORAT DU CALIFORNIA INSTITUT OF TECHNOLOGY : Recherche sur les perturbations géophysiques de la rotation de la Terre. |
| 1996 – 1999 | Observatoire Royal de Belgique, Bruxelles ATTACHÉ : Recherche sur les effets géophysique sur la rotation de la Terre. Préparation d’une thèse de doctorat |
| 1995 – 1996 | Collège Saint Jean-Baptiste, Wavre ENSEIGNANT AU LYCÉE : Cours de physique, chimie, biologie |

Thèmes de recherches

Effet des fluides géophysique sur la rotation de la Terre et le champ de pesanteur. Variations temporelles du champ de pesanteur. Effet des fluides géophysiques sur la forme et le champ de pesanteur et l’orientation de Mars et d’autres corps du système solaire.

Formation

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|-------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1989 – 1992 | Candidature en Sciences (Physique) (équivalent L1-L2), Université Catholique de Louvain, Louvain (La-N.), Belgique. |
| 1992 – 1994 | Licences en Sciences (Physique) (équivalent L3-M1), Université Catholique de Louvain, Louvain (La-N.), Belgique. |
| 1994 – 1995 | Diplôme d’Etudes approfondies en Physique (équivalent M2), Université Catholique de Louvain Louvain (La-N.), Belgique. |
| 1999 | Doctorat en Physique , Université Catholique de Louvain Louvain (La-N.) , Belgique. |

Responsabilités scientifiques et groupes de travail

1996 – 1999	Association Internationale de Géodésie MEMBRE CORRESPONDANT DU GROUPE DE TRAVAIL « Effect of the atmosphere and ocean on the Earth rotation. »
1997 – 1999	Union Astronomique Internationale MEMBRE CORRESPONDANT DU GROUPE DE TRAVAIL « Theorie de la Nutation d'une Terre non-rigide. »
1998 –	International Earth Rotation Service (IERS) MEMBRE DU BUREAU SPÉCIAL POUR LE NOYAU DU GLOBAL GEOPHYSICAL FLUIDE CENTER
	European Geophysical Union (EGU) SECRÉTAIRE « GÉODÉSIE ET NOYAU »
2001 -	American et European Geophysical Union ORGANISATION DE SESSIONS POUR DES CONGRÈS
2003 – 2004	American Geophysical Union (Co- PUIS) RESPONSABLE DU PROGRAMME DE GÉODÉSIE de l'assemblée générale d'automne. American Geophysical Union MEMBRE DU COMITÉ POUR LES TERMES D'INDEX représentant la section Géodésie.
2003 – 2005	American Geophysical Union MEMBRE DU COMITÉ EXÉCUTIF DE LA SECTION GÉODÉSIE
2003-	American Geophysical Union MEMBRE DU WHITTEN MEDAL COMITEE.
2000-	Journaux scientifiques EVALUATIONS D'ARTICLES (REVIEWS) POUR : Advance in Space Research, Astronomical Journal, Astronomy and Astrophysics, Celestial mechanics, Geophysical Journal International, Geophysical Research Letters, Journal of Geodesy, Journal of Geodynamics, Journal of Geophysical Research (Solid Earth et Planet), Meteorologische Zeitschrift, Nature, Nonlinear Processes in Geophysics, Planetary and Space Science, Quaternary International, Survey in Geophysics.

Reconnaisances et récompenses

1994	Maîtrise en physique avec la mention « Grande distinction » (magna cum laude)
1995	DEA en physique avec 86%
1999	Doctorat avec « La plus grande distinction »
2002	Communiqué de presse : L'article "Effect of global warming on the length-of-day" a fait l'objet d'un communiqué de presse. Par conséquent, il y a eu une couverture dans les médias suivant : Le Soir, La libre Belgique, Le Monde, BBCnews.com, CNN.com, Pour la Science, Florida Today, LA Times...
2002	Communiqué de presse : L'article "Recent Earth Oblateness Variation : Unraveling Climate and Postglacial Rebound Effects" a fait l'objet d'un communiqué de presse. Par conséquent, il y a eu une couverture dans les médias suivant : Le Soir, BBCnews.com, Space.com, National Geographic news, LA Times...
2003	Prix Descartes Les chercheurs européen du groupe de travail "Non-rigid Earth nutation theory", de l'IAU on reçu le second prix Descartes 2003 de l'Union Européenne en décembre 2003.
2004	Prix Charles Lagrange (25e période quadriennale 2000-2004), prix de l'Académie Royale des Sciences, des Lettres et des Beaux-Arts de Belgique.

Missions de travail à l'étranger

15/01 – 15/02/97	Atmospheric and Environmental Research, Inc. Boston, Ma.
15/01 – 01/03/98	University of Edinburgh, UK, in the frame of the European "Training and Research on Advanced Computed System" (TRACS) program.
27/09/99 – 13/09/00	Jet Propulsion Laboratory (Caltech), Pasadena, Ca, USA.
13/11/00 – 13/12/00	Jet Propulsion Laboratory (Caltech), Pasadena, Ca.
14/05/01 – 07/06/01	Jet Propulsion Laboratory (Caltech), Pasadena, Ca.
01/08/01 – 01/09/01	Department of Earth and Atmospheric Science, York University, Toronto (Ontario), Canada.
19/11/01 – 08/12/01	Jet Propulsion Laboratory (Caltech), Pasadena, Ca.
28/02/02 – 10/04/02	Goddard Space Flight Centre, Greenbelt, Md.
15/07/02 – 15/08/02	Jet Propulsion Laboratory (Caltech), Pasadena, Ca.
24/11/02 – 23/12/02	Jet Propulsion Laboratory (Caltech), Pasadena, Ca.
27/07/03 – 31/08/03	Jet Propulsion Laboratory (Caltech), Pasadena, Ca.
10/11/03 – 14/12/03	Jet Propulsion Laboratory (Caltech), Pasadena, Ca.
26/06/04 – 25/07/04	Jet Propulsion Laboratory (Caltech), Pasadena, Ca.

Organisation de sessions

2001	American Geophysical Union Fall Meeting Interaction Between Solid Earth and Its Fluid Envelope : Insights via Earth Rotation and Mass Redistribution Studies, G. Blewitt, J.O. Dickey, O. de Viron, B.F. Chao, G42A.
2002	European Geophysical Society General Assembly Earth's rotation, reference systems and geodynamics, Z. Altamimi, O. de Viron, and J.O. Dickey.
2003	European Geophysical Society General Assembly Interaction of the Solid Earth with its Fluid Envelope : Links between Geodesy and Geophysical Fluid Modeling, J.O. Dickey, O. de Viron, C. Wunsch and A. Hollingsworth.
2003	American Geophysical Union Fall Meeting Core dynamics : from geomagnetism to geodesy, O. de Viron et W. Kuang. Cette session a été combinée avec une autre pour donner : Advancing the Cutting Edge of Geodesy II : Dynamics of the Earth.
2004	American Geophysical Union Fall Meeting Geodesy General Contribution, I Velicogna and O. de Viron.
2004	American Geophysical Union Fall Meeting Bowie Lecture : Time-Variable Gravity Measurements Come of Age, M. Watkins, (chair : B. F. Chao and O. de Viron)
2005	American Geophysical Union Fall Meeting Earth Rotation and Geocenter, O. de Viron, G. Blewitt, and T. van Dam.
2006	European Geophysical Union General Assembly What constraints does geodesy at global scales put on the dynamical processes of the Earth, D. Salstein, P. Gegout, O. de Viron, R. Sabadini.
2006	American Geophysical Union Fall Meeting Enhanced Geophysics by Combinations of Independent Geodetic Measurements, M. Van Camp, O. de Viron, T. Herring et F. Pollitz.

1. Atmospheric torque on the Earth and comparison with atmospheric angular momentum variations. de Viron O., Bizouard Ch., Salstein D., and Dehant V., *J. Geophys. Res (Solid Earth)*, 104, B3, pp. 4861-4875, 1999.
2. Considerations concerning the non-rigid Earth nutation theory. Dehant V., Arias F., Bizouard Ch., Bretagnon P., Brzezinski A., Buffett B., Capitaine N., Defraigne P., de Viron O., Fliegel H., Forte A., Getino J., Gross R., Kinoshita H., Klioner S., Mathews P.M., McCarthy D., Moisson X., Petrov S., Ponte R., Roosbeek F., Salstein D., Schuh H., Seidelmann K., Soffel M., Souchay J., Wahr J., Weber R., Williams J., Yatskiv Y., Zharov V., and Zhu S.Y., *Celestial Mechanics*, 72, pp. 245-310, 1999.
3. Earth's rotation and high frequency equatorial angular momentum budget of the atmosphere. de Viron O. and Dehant V., *Survey in Geophysics*, 20(6), pp. 441-462, 1999.
4. Mars rotation variations induced by atmospheric CO₂ and winds. Defraigne P., de Viron O., Dehant V., Van Hoolst T., and Hourdin F., *J. Geophys. Res (Planets)*, 105, E10, pp. 24563-24570, 2000.
5. Indirect effect of the atmosphere through the ocean on the Earth's nutation by the torque approach. de Viron O., Ponte R.M., and Dehant V., *J. Geophys. Res (Solid Earth)*, 106, B5, pp. 8841-8851, 2001
6. Atmospheric torques during the winter of 1989 : Impact of ENSO and NAO positive phase, de Viron O., Marcus S.L., and Dickey J.O., *Geophys. Res. Let.*, 28(10), pp. 1985-1988, 2001
7. High frequency Geophysical Fluid Modeling Necessary to Understand Earth Rotation Variability, Salstein D., de Viron O., Yseboodt M., and Dehant V., *EOS*, 82(21), pp. 237-238, 2001.
8. Links between Intraseasonal (Extended MJO) and ENSO Timescales : Insights via geodetic and Atmospheric Analysis, Marcus S.L., Dickey J.O., and de Viron O., *Geophys. Res. Let.*, 28(18), p. 3465, 2001.
9. Diurnal angular momentum budget of the atmosphere and its consequences for the Earth's nutation, O. de Viron, S. L. Marcus and J. Dickey, *J. Geophys. Res (Solid Earth)*, 106, B11, pp. 26,747-26,759, 2001.
10. Atmospheric excitation of the Earth nutation : Comparison of different atmospheric models Yseboodt M., de Viron O., Chin T.M., and Dehant V., *J. Geophys. Res. (Solid Earth)*, 10.1029/2000JB000042, February 2002.
11. Effect of the global warming on the length-of-day, de Viron O., Goosse H., Crucifix M., and Dehant V., *Geophys. Res. Let.*, 10.1029/2001GL013672, April 2002.
12. Annual Atmospheric Torques : Processes and Regional Contributions, de Viron O., Dickey J.O., and Marcus S.L., *Geophys. Res. Let.*, 10.1029/2001GL013859, April 2002.
13. Degree-one displacements on Mars, Van Hoolst T., Dehant V., de Viron O., and Defraigne P., *Geophys. Res. Let.*, 10.1029/2002GL014711, June 2002.
14. Influence of the seasonal winds and the CO₂ mass exchange between atmosphere and polar caps on Mars' rotation, Van den Acker E., Van Hoolst T., de Viron O., Defraigne P., Forget F., Hourdin F., and Dehant V., *J. Geophys. Res (Planets)* 10.1029/2000JE001539, July 2002.
15. Effect of changes in atmospheric mass on the length-of-day modeling, de Viron O., Dickey J.O., and Marcus S.L., *Geophys. Res. Letters*, 10.1029/2002GL015572, September 2002.
16. Recent Changes in Earth Oblateness : Separating the Geodetic Signatures of Climate variability and Post-Glacial Rebound, Dickey J.O., Marcus S.L., de Viron O., Fukumori I., *Science* 298, 1975-1977, December, 2002.
17. Test on the validity of the Atmospheric Torques on Earth computed from model outputs, de Viron O. and Dehant V., *J. Geophys. Res (Solid Earth)*, 10.1029/2001JB001196, February 2003.
18. Remaining error sources in the nutation at the sub-milliarsecond level, Dehant V., Feissel-Vernier M., de Viron O., Ma C., Yseboodt M., Bizouard C., *J. Geophys. Res (Solid Earth)*, 10.1029/2002JB001763, May 2003
19. Coherent interannual and decadal variations in the atmosphere-ocean system, Dickey J.O., Marcus S.L., de Viron O., *Geophys. Res. Letters*, 10.1029/2002GL016763, June 2003.
20. Can a solid inner core of Mars be detected from observations of polar motion and nutation of Mars? Dehant V., Van Hoolst T., de Viron O., Greef-Letz M., Legros H., Defraigne P., *J. Geophys. Res. (Planet)*, 10.1029/2003JE002140, december 2003.
21. Atmospheric Contributions to Earth Nutation : Geodetic Constraints and Limitations of the Torque Approach, Marcus S.L., de Viron O., Dickey J.O., *J. Atmos. Sci.*, 61 (3), 352-365, February 2004.
22. Low frequency excitation of length-of-day and polar motion by the atmosphere, de Viron O., Salstein D. A., Bizouard C., Fernandez L., *J. Geophys. Res. (Solid Earth)*, 109, 10.1029/2003JB002817, March 2004.
23. Geodetics effects of the Ocean response to atmospheric forcing in an Ocean General Circulation Model, de Viron O., Boy J.-P., Goosse H., *J. Geophys. Res. (Solid Earth)*, 10.1029/2003JB002837, March 2004.
24. Geomagnetic jerks and a high-resolution length-of-day profile for core studies, R. Holme and de Viron O., *Geophys. J. Int.*, 160, 435-439, February 2005.
25. Atmospheric and oceanic excitation of the rotation of a three-layer Earth, V. Dehant, O. de Viron, M. Greff-Lefftz, *Astronomy and Astrophysics*, 438, 1149-1161, DOI : 10.1051/0004-6361 :20042210, 2005.

26. Diurnal and semi-diurnal effect of the atmosphere on the Earth rotation and geocenter motion, O. de Viron, G. Schwarzbaum, Francois Lott, and Véronique Dehant, *J. Geophys. Res.*, Vol. 110, No. B11, B11404, DOI : 10.1029/2005JB003761, 2005.
27. Atmospheric angular momentum time-series : characterization of their internal noise and creation of a combined series, L. Koot, O. de Viron, and V. Dehant, *J. of Geodesy*, DOI 10.1007/s00190-005-0019-3, 2006
28. Atmospheric Excitation of Mars polar motion, V. Dehant, O. de Viron, O. Karatekin, and T. Van Hoolst, *Astronomy and Astrophysics*, 446, 345-355, DOI : 10.1051/0004-6361 :20053825, 2006.
29. Extracting low frequency climate signal from GRACE data, O. de Viron, I. Panet, and M. Diament, *e-Earth*, Vol.1, pp. 9-14, SRef-ID : 1815-3828/ee/2006-1-9, 2006.
30. Stability of VLBI, SLR, DORIS, and GPS positioning, M. Feissel-Vernier, O. de Viron, K. Le Bail, *Earth Planets Space*, 59, 475-497, 2007.
31. Co-seismic and post-seismic signatures of the Sumatra December 2004 and March 2005 earthquakes in GRACE satellite gravity, I. Panet, V. Mikhailov, M. Diament, F. Pollitz, G. King, O. de Viron, M. Holschneider, R. Biancale, J.-M. Lemoine, *Geophysical Journal International*, doi : 10.1111/j.1365-246X.2007.03525.x, 2007.
32. Axial AAM budget at diurnal and sub-diurnal time scale, F. Lott, O. de Viron, P. Viterbo, and F. Vial, *Journal of the Atmospheric Science*, in press.

Publications dans des actes de conférence avec comité de lecture

1. Earth rotation as an interdisciplinary topic shared by astronomers, Geodesists and Geophysicists, Dehant V. and de Viron O., *Advances in Space Research*, 30, pp. 163-173, 2002.
2. The "hidden torque" : the art, for a torque, to dominate everywhere and appear in no equation, de Viron O., Dehant V., and Goosse H., *IAG Symposia Proceedings series (125) : "Vistas for Geodesy in the New Millennium"*, 423-427, 2002.
3. Polar motion models : The torque approach, O. de Viron, L. Koot, and V. Dehant, *Cahiers du Centre Europ. de Géodyn. et de Séism.*, 24, 9-14, 2005.
4. Geophysical excitation of the Earth orientation parameters EOP and its contribution to GGOS, V. Dehant, O. de Viron, Jean-Pierre Barriot, *J. Of Geodyn.*, 40 (2005) 394-399, doi :10.1016/j.jog.2005.06.004, 2005.
5. The Effects of Seasonal Mass Redistribution and Interior Structure on Length-of-Day Variations of Mars, O. Karatekin T. Van Hoolst, J. Tastet, O. de Viron, V. Dehant, *Advance in Space Research*, 10.1016/j.asr.2005.03.117, 2005.

Séminaires et conférences

1. Influence of the atmosphere and oceans on the Earth's rotation, Geophysical lunch seminar, February 21, 1998, University of Edinburgh, UK.
2. The angular momentum budget of the Earth-Atmosphere system, Seminar at the Royal Observatory of Belgium, Brussels, Belgium, October 10, 2000.
3. Bilan de moment cinétique du système Terre-ocean-atmosphère (Angular momentum budget of the Earth-ocean-atmosphere system), O. de Viron, invited seminar at the Centre National d'Etudes Spatiales (CNES), Toulouse, France, March 13, 2001.
4. Angular momentum budget of the Earth-Atmosphere system, seminar at the Goddard Space Flight Center, Greenbelt, MD, USA, March 7, 2002.
5. Bilan de moment cinétique du système Terre-ocean-atmosphère et rotation de la Terre, invited seminar at the Laboratoire de Météorologie Dynamique, Ecole Normale Supérieure, Paris, France, June 27, 2002.
6. Diurnal angular momentum budget of the atmosphere, 338-section seminar at the Jet Propulsion Laboratory, Caltech, Pasadena, CA, USA, July 18, 2002.
7. Couplages Terre-océans-atmosphère et bilan de moment cinétique (Earth-ocean-atmosphere coupling and angular momentum budget), O. de Viron, Seminar at the Ecole et Observatoire des Sciences de la Terre, Université Louis Pasteur, Strasbourg, France, June 3, 2003.
8. Grenouilles et Sabliers : comment le temps qu'il fait perturbe le temps qui passe (Frogs and Sandglass : how the weather perturbs the time), O. de Viron, Conférence à la société belge d'Astronomie, Buxelles, December 8, 2004.
9. Géodésie spatiale et fluides géophysique (Space geodesy and geophysical fluids), O. de Viron, Seminar at the Institut de Physique du Globe de Paris, Université Paris VII, Paris, France, May 2, 2005.
10. Mouvement du pôle et nutation (Polar motion and nutation), O. de Viron, Conference at the Cercle Astronomique de Bruxelles, June 16, 2005.

Publications à l'attention du grand public (en français)

1. La rotation de la terre, de Viron O., Dickey, J. O., Marcus S. L., Dehant V., Defraigne, P., Ciel et Terre, 120(5), 143 - 148, 2004.
2. La mesure de la Terre est une des bases de son étude physique, Van Camp M. and de Viron O., Ciel et Terre, 121 (3), 66-78, 2005.
3. Quand El-Niño ralentit la Terre, de Viron O., Met. Mar, 210, 17-21, 2006.

Encadrements et stages

2002 – 2003	Etude des modes propres de rotation d'une planète à 3 couches : Application à la rotation d'Europe Daphné Bavier, M1 en Physique, Université Catholique de Louvain.
2002 – 2003	Etude de l'excitation à haute fréquence de la rotation de la Terre par l'atmosphère , Frédéric Renaud, M2 en Physique, Université Catholique de Louvain.
2003 – 2004	Comparaison des modèles météorologique pour l'estimation de l'effet atmosphérique sur la rotation de la Terre , Laurence Koot, M2 en Physique, Université Catholique de Louvain.
2003 – 2004	Effet de la topographie de l'interface noyau manteau sur la rotation planétaire , Sylvain Lefevre, M1 en Sciences de la Terre, Institut de Physique du globe de Paris.
2003 – 2004	Excitation diurne et semi-diurne de la rotation de la Terre par l'atmosphère , Gaëtan Schwarwbaum, Stage d'ingénieur (L2), Université Libre de Bruxelles.
2004 – 2005	Résolution numérique des équations des déformations et de la rotation de la Terre , Ariane Sauvigné, M2 en Astronomie (M2), Observatoire de Paris.
2004 – 2005	Résolution numérique des équations des déformations et de la rotation de la Terre , Paul Rebishung, Stage d'ingénieur (M1), Ecole Nationale des Sciences Géographiques.
2005 – 2006	Bilan de moment cinétique des marées océaniques , Cecilia Caldio, M1 en Sciences de la Terre, Institut de Physique du globe de Paris.
2005 – 2006	Réalisation d'une animation didactique par informatique à propos de la pesanteur , Romain Dupire, L3 en Sciences de la Terre, Université Denis Diderot (UFR STEP).
2005 – 2006	Déformation de la Terre et systèmes de référence , Paul Rebishung, Stage d'ingénieur (M2), Ecole Nationale des Sciences Géographiques.
2005 – 2006	Effet du phénomène El-Niño et du séisme de Sumatra sur l'orbite des satellites artificiels , Marlène Leclerc, Stage d'ingénieur (M1), Ecole Nationale des Sciences Géologiques (Metz), en co-direction avec F. Deleffie.
2006 – 2007	Résolution des equations des deformations gravito-élastiques sur une base d'ondelettes , Ludmilla Michon, M2 en Géophysique interne, Institut de Physique du Globe de Paris.
2006 – 2007	Etude de la corrélation marée terrestre-séisme , Stéphane Renaut, L3 en Sciences de la Terre, Université Denis Diderot (UFR STEP).
2006 – 2007	Réalisation d'une animation didactique par informatique sur le GPS , Sébastien Laget, M1 en Physique, Université Pierre et Marie Curie.
2006 – 2007	Réalisation d'une animation didactique par informatique sur le processus de subduction , Aurélien Albert-Aguilar, M1 en Physique, Université Pierre et Marie Curie.
2006 – 2007	Interaction Terre-Atmosphère aux échelles de temps géologiques , Mashiro Endo, M1 en Physique, Université Pierre et Marie Curie.
2006 – 2007	Résolution des equations des deformations gravito-élastiques sur une base d'ondelettes , Lanâm Lelegard, Stage d'ingénieur (M2), Ecole Nationale des Sciences Géographiques.
2004 – 2008	Ajustement d'un modèle de l'intérieur de la Terre sur les observations de nutation , Laurence Koot, Ph. D Thèse de Doctorat, Université Catholique de Louvain, en co-direction avec Véronique Dehant.

1. Calcul des moments de force produits par l'atmosphère sur la terre solide, effets correspondants sur la nutation annuelle, O. de Viron, Ch. Bizouard, and V. Dehant, Journées Systèmes de Référence spatio-temporels, 1996.
2. Effect of the atmosphere on the Earth rotation by the torque approach with application to the Earth's nutations, O. de Viron, Ch. Bizouard, D. Salstein, and V. Dehant, European Geophysical society (EGS) General Assembly, Vienna, 1997.
3. Pressure and Gravitational torques and Exchanges of Atmospheric Angular momentum, D.A. Salstein, H. Isken-derian, O. de Viron, and V. Dehant, American Geophysical Union (AGU) Spring Meeting, Baltimore, 1997.
4. Torque approach for the computation of the effect of the atmosphere and oceans on the Earth's rotation. O. de Viron and V. Dehant, Journées Systèmes de Référence spatio-temporels, Paris, France, 1998.
5. Comparison between torque and AAM approach to compute the effect of a superficial fluid layer, O. de Viron and V. Dehant, European Geophysical society (EGS) General Assembly, Nice, France, 1998.
6. Torque approach and angular momentum budget of the atmosphere, O. de Viron and V. Dehant, IERS workshop, Potsdam, Germany, 1998.
7. Time, Earth Rotation and Space Geodesy in Belgium, Dehant V., M. Brondeel, C. Bruyninx, Y. Coene, P. Defraigne, O. de Viron, F. Driegelinck, D. Mesmaker, A. Moyaert, F. Roosbeek, J-M. Sleewaegen, T. van Hoolst, and R. Warnant, Journées Luxembourgeoises de Géodynamique, Groupe de Travail du Conseil de l'Europe, 83ième session, Munchbach, Luxembourg, 1998.
8. Atmospheric effect on polar motion from torque approach, Ch. Bizouard, O. de Viron, V. Dehant, and D. Gambis, EGS General Assembly, Den Hague, The Netherlands, 1999.
9. Simple theory for angular momentum transfer between the Earth's core and mantle, V. Dehant, O. de Viron, and T. Van Hoolst, EGS General Assembly, Den Hague, The Netherlands, 1999.
10. Angular momentum budget of the atmosphere and effect of the atmosphere on the Earth's rotation (Invited paper). O. de Viron and V. Dehant, EGS General Assembly, Den Hague, The Netherlands, 1999.
11. About tidal angular momentum budget of the ocean, O. de Viron, V. Dehant, and T. Van Hoolst, IUGG General Assembly, Birmingham, UK, 1999.
12. Effect of Mars' atmosphere on nutation and rotation, O. de Viron, V. Dehant, and F. Hourdin, IUGG General Assembly, Birmingham, UK, 1999.
13. Effect of Mars ice cap loading on Mars' rotation, V. Dehant, O. de Viron, and T. Van Hoolst, IUGG General Assembly, Birmingham, UK, 1999.
14. Indirect effects of the atmosphere on the Earth's rotation and nutations, O. de Viron, V. Dehant, and Ch. Bizouard, Journées Systèmes de Référence spatio-temporels, Dresden, Germany, 1999.
15. Why do the torque and angular momentum approaches for computing atmospheric effects on the Earth rotation yield different results in the diurnal frequencies, O. de Viron, V. Dehant, and M. Yseboodt, AGU Fall Meeting, San Francisco, USA, 1999.
16. Atmospheric excitation of earth rotation : studies from an earth system science perspective (Invited Paper), J.O. Dickey, O. de Viron, and S. L. Marcus, European Geophysical society (EGS) General Assembly, Nice, France, 2000.
17. Atmospheric effects on nutations from different angular momentum series, M. Yseboodt, O. de Viron, and Dehant V., European Geophysical society (EGS) General Assembly, Nice, France, 2000.
18. Influence of the atmosphere and ice caps on Mars' rotation, P. Defraigne, O. de Viron, V. Dehant, T. Van Hoolst, and F. Hourdin, European Geophysical society (EGS) General Assembly, Nice, France, 2000.
19. Mars triaxiality effects on wobbles and nutations, V. Dehant, O. de Viron, and T. Van Hoolst European Geo-physical society (EGS) General Assembly, Nice, FR 2000.
20. Analysis of the residuals between theoretical nutation and VLBI Observations, V. Dehant, M. Feissel, O. de Viron, M. Yseboodt, and Ch. Bizouard, International Astronomical Union General Assembly, Manchester, UK, 2000.
21. Diurnal Atmospheric Torques and their effect on the Earth rotation, O. de Viron, S. L. Marcus, and J. O. Dickey, American Geophysical Union (AGU) Fall Meeting, San Francisco, USA, 2000.
22. Periodic Analysis Technique for Time Series with Gaps, T. M. Chin, O. de Viron, and J. O. Dickey, American Geophysical Union (AGU) Fall Meeting, San Francisco, USA, 2000.
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