

Bibliography from ADS file: fossat.bib
September 14, 2022

- Aristidi, E., Agabi, A., Abe, L., et al., “Dome C coherence time statistics from DIMM data”, 2020MNRAS.496.4822A [ADS](#)
- Fossat, E. & Schmider, F. X., “More about solar g modes”, 2018A&A...612L..1F [ADS](#)
- Ulrich, R. K., Fossat, E., Boumier, P., et al., “Detection of g modes in the asymptotic frequency range: evidence for a rapidly rotating core”, 2017SPD...4810906U [ADS](#)
- Fossat, E., Boumier, P., Corbard, T., et al., “Asymptotic g modes: Evidence for a rapid rotation of the solar core”, 2017A&A...604A..40F [ADS](#)
- Aristidi, E., Vernin, J., Fossat, E., et al., “Monitoring the optical turbulence in the surface layer at Dome C, Antarctica, with sonic anemometers”, 2015MNRAS.454.4304A [ADS](#)
- Vural, J., Kraus, S., Kreplin, A., et al., “Study of the sub-AU disk of the Herbig B[e] star HD 85567 with near-infrared interferometry”, 2014A&A...569A..25V [ADS](#)
- Ehgamberdiev, S. A., Fossat, E., & Serebryanskiy, A. V., “Twenty-five years of helioseismology research in Uzbekistan”, 2014JAHH...17...45E [ADS](#)
- Karovicova, I., Wittkowski, M., Ohnaka, K., et al., “Mid-infrared interferometric observations of four oxygen-rich Mira variables”, 2013EAS....63..191K [ADS](#)
- Fossat, E., “Early South Pole Observations and the IRIS Network: The Quarter Century History of a Small Sodium Cell”, 2013ASPC..478...73F [ADS](#)
- Karovicova, I., Wittkowski, M., Ohnaka, K., et al., “New insights into the dust formation of oxygen-rich AGB stars”, 2013A&A...560A..75K [ADS](#)
- Aristidi, E., Agabi, A., Fossat, E., et al., “Dome C site testing: long term statistics of integrated optical turbulence parameters at ground level”, 2013IAUS..288..300A [ADS](#)
- Tremblin, P., Minier, V., Schneider, N., et al., “Site testing for submillimetre astronomy at Dome C, Antarctica”, 2011A&A...535A.112T [ADS](#)
- Wittkowski, M., Karovicova, I., Boboltz, D. A., et al., “Molecular and Dusty Layers of Asymptotic Giant Branch Stars Studied with the VLT Interferometer”, 2011Msngr.145...24W [ADS](#)
- Karovicova, I., Wittkowski, M., Boboltz, D. A., et al., “Multi-Epoch Mid-Infrared Interferometric Observations of the Oxygen-rich Mira Variable Star RR Aql with the VLTI/MIDI Instrument”, 2011ASPC..445..269K [ADS](#)
- Karovicova, I., Wittkowski, M., Boboltz, D. A., et al., “Mid-infrared interferometric monitoring of evolved stars. The dust shell around the Mira variable RR Aquilae at 13 epochs”, 2011A&A...532A.134K [ADS](#)
- Fossat, E., “Some results after 10 years of site testing at Concordia, Antarctica”, 2011arXiv1101.3210F [ADS](#)
- Fossat, E., Aristidi, E., Agabi, A., et al., “Typical duration of good seeing sequences at Concordia”, 2010A&A...517A..69F [ADS](#)
- Travouillon, T., Aristidi, E., Fossat, E., et al., “Studying the vertical extent of the ground layer turbulence using sonic-anemometers”, 2010EAS....40..115T [ADS](#)
- Fossat, E., Aristidi, E., & Astroconcordia Team, “Dome C boundary layer and seeing peculiarities”, 2010EAS....40...73F [ADS](#)
- Ziad, A., Aristidi, E., Agabi, A., et al., “Implications of Turbulence Optical Parameters on HAR Techniques at Dome C”, 2010EAS....40...21Z [ADS](#)
- Aristidi, E., Fossat, E., Agabi, A., et al., “Dome C site testing: surface layer, free atmosphere seeing, and isoplanatic angle statistics”, 2009A&A...499..955A [ADS](#)
- Ziad, A., Aristidi, E., Agabi, A., et al., “First statistics of the turbulence outer scale at Dome C”, 2008A&A...491..917Z [ADS](#)
- Gaulme, P., Schmider, F. X., Gay, J., et al., “SYMPA, a dedicated instrument for Jovian seismology. II. Real performance and first results”, 2008A&A...490..859G [ADS](#)
- Allouche, F., Vakili, F., Glindemann, A., et al., “IRAN: laboratory test bench for hypertelescope pupil-plane recombination”, 2008SPIE.7013E..3TA [ADS](#)
- Travouillon, T., Aristidi, E., Fossat, E., et al., “Sampling the ground layer of the atmosphere at Dome C using fast sonic-anemometers”, 2008SPIE.7012E..4BT [ADS](#)
- Trinquet, H., Agabi, A., Vernin, J., et al., “Optical turbulence and outer scales above Dome C in Antarctica”, 2008SPIE.7012E..25T [ADS](#)
- Trinquet, H., Agabi, A., Vernin, J., et al., “Nighttime Optical Turbulence Vertical Structure above Dome C in Antarctica”, 2008PASP..120..203T [ADS](#)
- Fossat, E., “Dome C site testing results”, 2008EAS....33...5F [ADS](#)
- Burton, M. G., Busso, M., Fossat, E. G., et al., “Inter-Division Ix-X / Working Group Encouraging the International Development of Antarctic Astronomy”, 2007IAUTB..26..188B [ADS](#)
- Schmider, F. X., Gay, J., Gaulme, P., et al., “SYMPA, a dedicated instrument for Jovian seismology. I. Principle and performance”, 2007A&A...474.1073S [ADS](#)
- Fossat, E., Vakili, F., Aristidi, E., et al., “Multi-aperture interferometry at Concordia”, 2007HiA....14..705F [ADS](#)
- Kenyon, S. L., Lawrence, J. S., Ashley, M. C. B., et al., “Atmospheric scintillation at Dome C, Antarctica”, 2007HiA....14..698K [ADS](#)
- Vernin, J., Agabi, A., Aristidi, E., et al., “Site testing at Dome C: history and present status”, 2007HiA....14..693V [ADS](#)
- Fossat, E., “Astronomy at Dome C: an overview”, 2007sf2a.confE...6F [ADS](#)
- Gaulme, P., Schmider, F. X., Gay, J., et al., “Jovian seismology: preliminary results of the SYMPA instrument”, 2007CoAst.150..313G [ADS](#)
- Fossat, E., “Asteroseismology at Dome C in Antarctica”, 2007CoAst.150..307F [ADS](#)
- Millour, F., Petrov, R. G., Chesneau, O., et al., “Direct constraint on the distance of γ^2 Velorum from AMBER/VLTI observations”, 2007A&A...464..107M [ADS](#)
- Weigelt, G., Kraus, S., Driebe, T., et al., “Near-infrared interferometry of η Carinae with spectral resolutions of 1 500 and 12 000 using AMBER/VLTI”, 2007A&A...464..87W [ADS](#)
- Meiland, A., Millour, F., Stee, P., et al., “An asymmetry detected in the disk of κ Canis Majoris with AMBER/VLTI”, 2007A&A...464..73M [ADS](#)
- Tatulli, E., Isella, A., Natta, A., et al., “Constraining the wind launching region in Herbig Ae stars: AMBER/VLTI spectroscopy of HD 104237”, 2007A&A...464..55T [ADS](#)
- Malbet, F., Benisty, M., de Wit, W. J., et al., “Disk and wind interaction in the young stellar object MWC 297 spatially resolved with AMBER/VLTI”, 2007A&A...464..43M [ADS](#)
- Tatulli, E., Millour, F., Chelli, A., et al., “Interferometric data reduction with AMBER/VLTI. Principle, estimators, and illustration”, 2007A&A...464..29T [ADS](#)
- Robbe-Dubois, S., Lagarde, S., Petrov, R. G., et al., “Optical configuration and analysis of the AMBER/VLTI instrument”, 2007A&A...464..13R [ADS](#)
- Petrov, R. G., Malbet, F., Weigelt, G., et al., “AMBER, the near-infrared spectro-interferometric three-telescope VLTI instrument”, 2007A&A...464..1P [ADS](#)
- Arnaud, J., Faurobert, M., & Fossat, E., “Dome C: An exceptional site for solar observations”, 2007MmSAI..78..105A [ADS](#)
- Durand, G., Cadellis, L., Minier, V., et al., “GIVRE: A Protection Against Frost Deposit on Polar Instruments”, 2007EAS....25...77D [ADS](#)
- Sadibekova, T., Fossat, E., Vernin, J., et al., “Choosing Dome C, Antarctic Plateau as Future Astronomical Observatory”, 2007EAS....25...69S [ADS](#)
- Vernin, J., Agabi, A., Aristidi, E., et al., “History, Present Status & Future of Site Testing at Dome C”, 2007EAS....25...23V [ADS](#)
- Fossat, E., “Stella Antarctica An I.P.Y. Programme Towards an International Astronomical Observatory at Dome C, Antarctica”, 2007EAS....25...19F [ADS](#)
- Turck-Chièze, S., Schmutz, W., Thuillier, G., et al., “The DynaMICS perspective”, 2006ESASP.624E..24T [ADS](#)
- Kenyon, S., Lawrence, J., Ashley, M. C. B., et al., “Atmospheric scintillation at Dome C, Antarctica: implications for photometry and astrometry”, 2006IAUSS...7E..30K [ADS](#)
- Vernin, J., Agabi, A., Aristidi, E., et al., “Site Testing At Dome C: History, Present Status & Future”, 2006IAUSS...7E..17V [ADS](#)
- Fossat, E. G., “6 years of site testing at Concordia”, 2006IAUSS...7E..3F [ADS](#)
- Turck-Chièze, S., Schmutz, W., Thuillier, G., et al., “The EUV Variability Experiment (EVE) on the Solar Dynamics Observatory (SDO): Science Plan and Instrument Overview”, 2006ESASP.617E.165W [ADS](#)
- Turck-Chièze, S., Schmutz, W., Thuillier, G., et al., “Scientific Objectives of the Novel Formation Flying Mission Aspiics”, 2006ESASP.617E.164L [ADS](#)
- Turck-Chièze, S., Schmutz, W., Thuillier, G., et al., “The Dynamics Project”, 2006ESASP.617E.162T [ADS](#)
- Gaulme, P., Schmider, F. X., Gay, J., et al., “Jovian seismology: preliminary results of the SYMPA instrument”, 2006sf2a.conf..403G [ADS](#)
- Kenyon, S. L., Lawrence, J. S., Ashley, M. C. B., et al., “Atmospheric Scintillation at Dome C, Antarctica: Implications for Photometry and Astrometry”, 2006PASP..118..924K [ADS](#)
- Chaplin, W. J., Appourchaux, T., Baudin, F., et al., “Solar FLAG hare and hounds: on the extraction of rotational p-mode splittings from seismic, Sun-as-a-star data”, 2006MNRAS.369..985C [ADS](#)
- Agabi, A., Aristidi, E., Azouit, M., et al., “First Whole Atmosphere Nighttime Seeing Measurements at Dome C, Antarctica”, 2006PASP..118..344A [ADS](#)
- Turck-Chièze, S., Carton, P.-H., Ballot, J., et al., “GOLF-NG spectrometer, a space prototype for studying the dynamics of the deep solar interior”, 2006AdSpR..38.1812T [ADS](#)
- Bouchy, F., Mosser, B., Catala, C., et al., “Working group report on Asteroseismology and stellar activity from Dome C”, 2005sf2a.conf..329B [ADS](#)

- Aristidi, E., Agabi, A., Fossat, E., et al., "Site testing in winter at Dome C", 2005sf2a.conf..45A [ADS](#)
- Aristidi, E., Agabi, A., Fossat, E., et al., "Site testing in summer at Dome C, Antarctica", 2005A&A...444..651A [ADS](#)
- Fossat, E., "The Concordia Station on the Antarctic Plateau: The Best Site on Earth for the 21st Century Astronomers", 2005JApA...26..349F [ADS](#)
- Aristidi, E., Agabi, K., Azouit, M., et al., "An analysis of temperatures and wind speeds above Dome C, Antarctica", 2005A&A..430..739A [ADS](#)
- Schmider, F. X., Jacob, C., Fossat, E., et al., "JISCO: Jovian Interferometric Seismometer at Concordia Observatory", 2005EAS...14..285S [ADS](#)
- Chadid, M., Vernin, J., & Fossat, E., "Astroseismology and Stellar Pulsation feasibility at Dome C", 2005EAS...14..281C [ADS](#)
- Aristidi, E., Agabi, A., Azouit, M., et al., "Site testing study based on weather balloons measurements", 2005EAS...14..227A [ADS](#)
- Vakili, F., Aristidi, E., Schmider, F. X., et al., "KEOPS: towards exo-Earths from Dome C of Antarctica", 2005EAS...14..211V [ADS](#)
- Fossat, E., "Astroseismology", 2005EAS...14..121F [ADS](#)
- Aristidi, E., Agabi, A., Fossat, E., et al., "Daytime site testing at Dome C: Results of 2003 2004 campaign", 2005EAS...14..13A [ADS](#)
- Fossat, E., "Setting the Scene", 2005EAS...14..1F [ADS](#)
- Vakili, F., Belu, A., Aristidi, E., et al., "KEOPS: Kiloparsec Explorer for Optical Planet Search, a direct-imaging optical array at Dome C of Antarctica", 2004SPIE.5491.1580V [ADS](#)
- Swain, M. R., Walker, C. K., Traub, W. A., et al., "The Antarctic planet interferometer", 2004SPIE.5491..176S [ADS](#)
- Lazrek, M., Fossat, E., Grec, G., Renaud, C., & Schmider, F. X., "GOLF Low Degree P-Mode Frequencies and Splittings Accurately Corrected for the Solar Magnetic Activity", 2004ESASP.559..528L [ADS](#)
- Chaplin, W. J., Appourchaux, T., Baudin, F., et al., "Flag Hare-And Exercise: on the Extraction of Sectoral Mode Splittings from Full-Disc Sun-As Data", 2004ESASP.559..356C [ADS](#)
- Turck-Chièze, S., García, R. A., Couvidat, S., et al., "Gravity Modes with a Resonant Scattering Spectrophotometer", 2004ESASP.559..85T [ADS](#)
- García, R. A., Corbard, T., Chaplin, W. J., et al., "About the rotation of the solar radiative interior", 2004SoPh..220..269G [ADS](#)
- Turck-Chièze, S., Garcìà, R., Fossat, E., et al., "Solar gravity modes: the present and future", 2004cosp...35.3949T [ADS](#)
- Turck-Chièze, S., Garcìà, R., Fossat, E., et al., "Solar gravity modes: the present and future", 2004cosp...35.3946T [ADS](#)
- Fossat, E., Aristidi, E., & Agabi, K., "The Concordia station on Antarctica plateau: the best site on Earth for High Angular Resolution and High Contrast Imaging", 2004EAS...12..125F [ADS](#)
- Salabert, D., Fossat, E., Gelly, B., et al., "Solar p modes in 10 years of the IRIS network", 2004A&A...413.1135S [ADS](#)
- Swain, M., Lloyd, J., Traub, W., et al., "The Antarctic Planet Interferometer", 2003AAS...203.3815S [ADS](#)
- Aristidi, E., Agabi, A., Vernin, J., et al., "Antarctic site testing: First daytime seeing monitoring at Dome C", 2003A&A...406L..19A [ADS](#)
- Fossat, E., Salabert, D., Cacciani, A., et al., "Eleven years of IRIS frequencies and splittings", 2003ESASP.517..139F [ADS](#)
- Vakili, F., Aristidi, E., Fossat, E., et al., "KEOPS: Kiloparsec Explorer for Optical Planet Search", 2003sf2a.conf..365V [ADS](#)
- Schmider, F. X., Gay, J., Jacob, C., et al., "SYMPA: A Dedicated Instrument and a Network for Seismology of Giant Planets", 2003aahd.conf..449S [ADS](#)
- Swain, M. R., Coudé du Foresto, V., Fossat, E., & Vakili, F., "The Antarctic Planet Interferometer and the Potential for Interferometric Observations of Extrasolar Planets from Dome C Antarctica", 2003MSAIS...2..207S [ADS](#)
- Cacciani, A., Dolci, M., Jefferies, S. M., et al., "A two color pupil imaging method to detect stellar oscillations", 2003MSAIS...2..172C [ADS](#)
- Aristidi, E., Agabi, A., Vernin, J., et al., "First daytime seeing monitoring at Dome C", 2003MSAIS...2..146A [ADS](#)
- Fossat, E., "Visible Astronomy as well ? Why not !", 2003MSAIS...2..139F [ADS](#)
- Fossat, E. & Candidi, M., "The Scientific outlook for Astronomy and Astrophysics Research at the CONCORDIA Station", 2003MSAIS...2...3F [ADS](#)
- Gelly, B., Lazrek, M., Grec, G., et al., "Solar p-modes from 1979 days of the GOLF experiment", 2002A&A...394..285G [ADS](#)
- Salabert, D., Fossat, E., Gelly, B., et al., "IRIS⁺ database: Merging of IRIS + Mark-I + LOWL", 2002A&A...390..717S [ADS](#)
- Schmider, F. X., Gay, J., Jacob, C., et al., "SYMPA: A Specified Instrument and a Dedicated Network for Giant Planets' Sismology", 2002sf2a.conf..611S [ADS](#)
- Salabert, D., Jimenez-Reyes, S., & Fossat, E., "p-mode frequencies variability in 15 years of IRIS++ data", 2002sf2a.conf..565S [ADS](#)
- Fossat, E. & IRIS Group, "11 years of IRIS network exploitation", 2002sf2a.conf..521F [ADS](#)
- Fossat, E., "The concordia station in Antarctica: a real bargain for astronomy?", 2002sf2a.conf..453F [ADS](#)
- Fossat, E., "Special Session: the future of astronomy at the dome C concordia station in antarctica", 2002sf2a.conf..449F [ADS](#)
- Siher, E. A., Benkhaldoun, Z., & Fossat, E., "Diurnal Atmospheric Extinction Over Oukaimeden Observatory using IRIS Database: 1989 1997. Comparison With The Other IRIS Sites", 2002ExA...13..159S [ADS](#)
- Salabert, D., Jiménez-Reyes, S. J., Fossat, E., Gelly, B., & Schmider, F. X., "Variability of p-mode parameters in 11 years of IRIS⁺ data", 2002ESASP.508..95S [ADS](#)
- Salabert, D., Jiménez-Reyes, S. J., Fossat, E., et al., "Analysis of variability of p-mode parameters in 11 years of IRIS data", 2002ESASP.477..253S [ADS](#)
- Schmider, F. X., Fossat, E., Vernin, J., et al., "The Concordia Antarctic Station: an opportunity for astroseismology and planetary search", 2002ESASP.485..219S [ADS](#)
- Moussaoui, R., Irbah, A., Fossat, E., et al., "Spectral analysis of solar diameter measurements recorded at Calern Observatory astrolabe during two solar cycles", 2001A&A...374.1100M [ADS](#)
- Serebryanskiy, A., Ehgamberdiev, S., Kholikov, S., et al., "An estimation of global solar p-mode frequencies from IRIS network data: 1989-1996", 2001NewA...6..189S [ADS](#)
- Ehgamberdiev, S. A., Serebryanskiy, A. V., Khalikov, S. S., et al., "An Estimation of Global p-mode Frequencies and Splitting from the IRIS Network Data: 1989-1996", 2001IAUS..203..97E [ADS](#)
- Lazrek, M., Gelly, B., Grec, G., et al., "GOLF data analysis using a whole spectrum fitting method: temporal variations in 1445 days of the GOLF velocity signal", 2001ESASP.464..523L [ADS](#)
- Moussaoui, R., Irbah, A., Abdelfatif, T., et al., "Analysis of Diameter Measurements Performed at Calern Observatory Astrolabe", 2000SoPh..195..433M [ADS](#)
- Fossat, E., Kholikov, S., Gelly, B., et al., "Full disk helioseismology: repetitive music and the question of gap filling", 1999A&A...343..608F [ADS](#)
- Fossat, E., Kholikov, S., & IRIS Team, "On the Capability of Ground Based Networks to Precisely Estimate the Solar Background in Full Disk Helioseismology", 1999ASPC..173..309F [ADS](#)
- Fierry Fraillon, D., Gelly, B., Schmider, F. X., et al., "Power spectrum modelisation of helioseismic data: an application to the measurement of solar p-mode uncertainties", 1998A&A...333..362F [ADS](#)
- Fierry Fraillon, D., Lazrek, M., Fossat, E., Gelly, B., & Golf Team, "Cross-Correlation Technique in Individual Splitting Determination", 1998ESASP.418..161F [ADS](#)
- Lazrek, M., Baudin, F., Bertello, L., et al., "First Results on it P Modes from GOLF Experiment", 1997SoPh..175..227L [ADS](#)
- Gabriel, A. H., Charra, J., Grec, G., et al., "Performance and Early Results from the GOLF Instrument Flown on the SOHO Mission", 1997SoPh..175..207G [ADS](#)
- Gelly, B., Fierry-Fraillon, D., Fossat, E., et al., "Solar P-mode frequencies from the IRIS network.", 1997A&A...323..235G [ADS](#)
- Fossat, E., "Philippe Delache (8 October 1937 - 1994).", 1997IAUS..181D..27F [ADS](#)
- Belmonte, J. A., Hernández, M. M., Pérez Hernández, F., et al., "Three years of ANTENA: what we have done!", 1997IAUS..181..357B [ADS](#)
- Grec, C., Turck-Chièze, S., Lazrek, M., et al., "GOLF results: today's view on the solar modes", 1997IAUS..181..91G [ADS](#)
- Gabriel, A. H., Charra, J., Grec, G., et al., "Performance and first results from the GOLF instrument on SoHO", 1997IAUS..181..53G [ADS](#)
- Gizon, L., Fossat, E., Lazrek, M., et al., "New IRIS constraints on the solar core rotation.", 1997A&A...317L..71G [ADS](#)
- Lazrek, M., Pantel, A., Fossat, E., et al., "Is the Solar Core Rotating Faster or Slower Than the Envelope?", 1996SoPh..166...1L [ADS](#)
- Gabriel, A. H., Grec, G., Charra, J., et al., "Global Oscillations at Low Frequency from the SOHO Mission (GOLF)", 1995SoPh..162..61G [ADS](#)
- Pantel, A., Hoeksema, T., Fossat, E., et al., "P-Mode Frequencies of Degree L = 3 TO 5", 1995ESASP.376b.381P [ADS](#)
- Gelly, B., Fossat, E., Pallé, P., et al., "Solar P-Mode Frequencies from the IRIS Network", 1995ESASP.376b.373G [ADS](#)
- Fossat, E., Lazrek, M., Loudagh, S., et al., "Solar Core Rotation: Latest IRIS Results", 1995ESASP.376b.261F [ADS](#)
- Barlier, F., Bonnet, R. M., Fossat, E., Leibacher, J., & Frisch, U., "Philippe Delache, 1937 - 13 October 1994.", 1995JAF....47...2B [ADS](#)
- Fossat, E., "Working Group 20 - Low-degree p-mode Rotational Splittings and Solar Core Rotations", 1995ESASP.376a.229F [ADS](#)
- Roca Cortes, T., Belmonte, J. A., Delache, P., et al., "A New TEchnology Network for Astroseismology - A.N.T.E.N.A.", 1995ASPC...76..630R [ADS](#)
- Pantel, A. & Fossat, E., "IRIS Data Merging and Deconvolution", 1995ASPC...76..496P [ADS](#)
- Fossat, E., "IRIS Status Report", 1995ASPC...76..387F [ADS](#)

- Fossat, E., Loudagh, S., Gelly, B., et al., "On the Solar Core Rotation - IRIS Results", 1995ASPC...76...24F [ADS](#)
- Fossat, E., "IRIS Status Report", 1995ASPC...76...7F [ADS](#)
- Fossat, E., Loudagh, S., Gelly, B., et al., "On the Solar Core Rotation - IRIS Results", 1995ASPC...76...4F [ADS](#)
- Khatami, M. & Fossat, E., "Test of a Differential Photometer for Extinction Gradient Correction in Full-Disk Helioseismology", 1994ExA.....4..253K [ADS](#)
- Badiali, M., Catala, C., Fossat, E., et al., "On scintillation obfuscation", 19940bs...114...53B [ADS](#)
- Grec, G., Fossat, E., & Pomerantz, M., "Solar Oscillations: Full Disk Observations from the Geographic South Pole", in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 410 1994snft.book..410G [ADS](#)
- Pallé, P. L., Fossat, E., Regulo, C., et al., "Full-disk helioseismic IRIS raw data calibration.", 1993A&A...280..324P [ADS](#)
- Ulrich, R. K., Henney, C. J., Schimpf, S., et al., "Modeling of integrated sunlight velocity measurements: The effect of surface darkening by magnetic fields", 1993A&A...280..268U [ADS](#)
- Turck-Chièze, S., Däppen, W., Fossat, E., et al., "The solar interior", 1993PhR...230...57T [ADS](#)
- Loudagh, S., Provost, J., Berthomieu, G., et al., "A measurement of the $I = I$ solar rotational splitting", 1993A&A...275L..25L [ADS](#)
- Regulo, C., Fossat, E., Roca-Cortes, T., et al., "On Full Disk Helioseismology Power Spectra around the Cut-Off Frequency", 1993ASPC...42..103R [ADS](#)
- Fossat, E., Regulo, C., Roca Cortes, T., et al., "On the acoustic cut-off frequency of the sun", 1992A&A...266..532F [ADS](#)
- Fossat, E., "IRIS data merging. I. A solution to minimize the low and intermediate frequency noise.", 1992A&A...263..443F [ADS](#)
- Egamberdiev, S., Khalikov, S., Lazrek, M., & Fossat, E., "Amplitude modulation of low-degree solar p-modes", 1992A&A...253..252E [ADS](#)
- Schmider, F. X., Fossat, E., & Mosser, B., "Possible detection of Jovian global oscillations", 1991A&A...248..281S [ADS](#)
- Fossat, E., "Preface", 1991SoPh..133D..7F [ADS](#)
- Egamberdiev, S., Khalikov, S., & Fossat, E., "General Presentation of a Single IRIS Site Raw Data Analysis Problem", 1991SoPh..133...69E [ADS](#)
- Bajjumanov, A., Ehgamberdiev, S., Fossat, E., et al., "Global oscillation measurements at Kumbel station in frame of the IRIS programme", 1991SoPh..133...51B [ADS](#)
- Grec, G., Fossat, E., Gelly, B., & Schmider, F. X., "The IRIS sodium cell instrument", 1991SoPh..133...13G [ADS](#)
- Fossat, E., "The IRIS Network for Full Disk Helioseismology - Present Status of the Programme", 1991SoPh..133...1F [ADS](#)
- Egamberdiev, S. & Fossat, E., "The Second IRIS Workshop. Proceedings. 2. IRIS (International Research on the Interior of the Sun) Workshop, Tashkent, Uzbekistan SSR (USSR), Sep 1989.", 1991SoPh..133....E [ADS](#)
- Fossat, E., "Héliosismologie: observations.", 1991sed..conf...23F [ADS](#)
- Mosser, B., Gautier, D., Fossat, E., et al., "Jovian Seismology", 1990BAAS...22.1065M [ADS](#)
- Schmider, F.-X., Fossat, E., Gelly, B., & Grec, G., "The IRIS network for full disk helioseismology. full disk helioseismology. Present status of the programme", in Y. Osaki and H. Shibahashi (Eds.), Progress of Seismology of the Sun and Stars, Vol. 367, 241 1990LNP...367..241S [ADS](#)
- Fossat, E., Gelly, B., Grec, G., & Schmider, F. X., "Full-disk Helioseismology in the Antarctic", 1990AIPC..198..231F [ADS](#)
- Schmider, F. X. & Fossat, E., "Seismological Study of Procyon and Arcturus", 1989BCFH...21...15S [ADS](#)
- Lazrek, M., Delache, P., & Fossat, E., "Modelling the solar oscillation time series by a randomly excited oscillator", 1988ESASP.286..673L [ADS](#)
- Delache, P. & Fossat, E., "Effects of convective velocities on solar pressure mode frequencies.", 1988ESASP.286..671D [ADS](#)
- Schmider, F. X., Fossat, E., Grec, G., & Gelly, B., "The Nice University stellar seismometer", 1988ESASP.286..605S [ADS](#)
- Gelly, B., Fossat, E., Grec, G., & Schmider, F. X., "Solar calibration of asteroseismology", 1988ESASP.286..579G [ADS](#)
- Fossat, E., Grec, G., Gavrjusev, V., & Gavrjuseva, E., "Searching for solar g-modes, tests of a statistical method", 1988ESASP.286..393F [ADS](#)
- Gelly, B., Fossat, E., & Grec, G., "Solar p-modes frequency variations between 1980 and 1986", 1988ESASP.286..275G [ADS](#)
- Fossat, E., "I.R.I.S.: a network for full disk helioseismology", 1988ESASP.286..161F [ADS](#)
- Gabriel, A. H., Bocchia, R., Bonnet, R. M., et al.: 1988, *GOLF: Global Oscillations at Low Frequencies for the SOHO mission*, In ESA, The SOHO Mission. Scientific and Technical Aspects of the Instruments p 13-17 (SEE N90-13302 04-92) 1988sohi.rept...13G [ADS](#)
- Gelly, B., Fossat, E., & Grec, G., "New analysis of the solar p-mode frequency change from 1980 to 1986", 1988A&A...200L..29G [ADS](#)
- Gelly, B., Grec, G., Schmider, F. X., & Fossat, E., "Solar calibration of asteroseismology", 1988A&A...200...207G [ADS](#)
- Fossat, E., "Seismology of the Stellar Cores", 1988IAUS..132..209F [ADS](#)
- Schmider, F. X., Fossat, E., Grec, G., & Gelly, B., "Sodium Cell Spectrophotometer for Detection of Stellar Oscillations", 1988IAUS..123..513S [ADS](#)
- Gelly, B., Grec, G., & Fossat, E., "Evidence for Global Pressure Oscillations in Procyon and Alpha-Centauri", 1988IAUS..123..249G [ADS](#)
- Gelly, B., Fossat, E., Grec, G., & Pomerantz, M., "Helioseismology from the South Pole - the 1984/85 Campaign", 1988IAUS..123..21G [ADS](#)
- Fossat, E., "Multi-year variations of solar oscillations", 1988AdSpR...8g.107F [ADS](#)
- Fossat, E., Gelly, B., Grec, G., & Pomerantz, M., "Search for Solar P-Mode Frequency Changes Between 1980 and 1985", 1987A&A...177L..47F [ADS](#)
- Gelly, B., Grec, G., & Fossat, E., "Evidence for global pressure oscillations in Procyon and alpha Centauri", 1986A&A...164..383G [ADS](#)
- Fossat, E., Gelly, B., & Grec, G., "Evidence for p-modes on Alpha Centauri and Procyon", 1986ASIC..169..405F [ADS](#)
- Fossat, E., "Global Oscillations", 1985ESASP.235..209F [ADS](#)
- Fossat, E. & Grec, G., "Solar observations at the South Pole", 1985BCSAB..71..177F [ADS](#)
- Pomerantz, M. A., Fossat, E., Gelly, B., et al., "Advances in Solar Seismology at the South Pole", 1985AnJUS..20..221P [ADS](#)
- Fossat, E., "Atmospheric limitations in stellar seismology: Should one measure radial velocity or brightness fluctuations?", 1984NASCP2350...68F [ADS](#)
- Fossat, E., Grec, G., & Gelly, B., "Five-minute P modes detected in Doppler shift measurement on Alpha Centauri", 1984NASCP2350...28F [ADS](#)
- Robillot, J. M., Bocchia, R., Fossat, E., & Grec, G., "Solar large scale velocity structures from optical resonance method", 1984A&A...137..43R [ADS](#)
- Fossat, E., Grec, G., Gelly, B., & Decanini, Y., "Stellar seismology - Five-minute P modes detected on Alpha Centauri", 1984Msngr..36..20F [ADS](#)
- Fossat, E., "Low degree p-modes observed in velocity and brightness Future in the frame of the space-ground competition", 1984MmSAI..55...47F [ADS](#)
- Fossat, E., Grec, G., Gelly, B., & Decanini, Y., "Detection des oscillations de pression sur alpha du Centaure", 1984CRASB.299...17F [ADS](#)
- Fossat, E., "Should One Measure Radial Velocity or Brightness Fluctuations", 1984srps.conf...77F [ADS](#)
- Fossat, E., "Solar Oscillations (text not received)", 1984faa..conf...69F [ADS](#)
- Fossat, E., Gelly, B., & Grec, G., "Five-minute P Modes Detected in Doppler Shift Measurement on Alpha Centauri", 1984LIACo..25..229F [ADS](#)
- Fossat, E., Decanini, Y., & Grec, G., "First Test of the New Spectrophotometer Devoted to Stellar Seismology", 1983Msngr..33...29F [ADS](#)
- Grec, G., Fossat, E., & Pomerantz, M. A., "Full-Disk Observations of Solar Oscillations from the Geographic South-Pole - Latest Results", 1983SoPh..82...55G [ADS](#)
- Fossat, E., Decanini, Y., & Grec, G., "A spectrophotometer devoted to stellar seismology", 1982ASSL...92..169F [ADS](#)
- Fossat, E., Grec, G., & Pomerantz, M., "Solar Pulsations Observed from the Geographic South Pole - Initial Results", 1981SoPh..74...59F [ADS](#)
- Fossat, E., Grec, G., & Pomerantz, M., "Solar Pulsations: Report from the Antarctic", 1981siwn.conf..385F [ADS](#)
- Fossat, E. & Grec, G., "Atomic Beam and Optical Resonance Cells", 1981siwn.conf..135F [ADS](#)
- Fossat, E., "When the Sun vibrates.", 1981Rech...12.1280F [ADS](#)
- Fossat, E., "Solar and stellar oscillations.", 1981ASIC...68...75F [ADS](#)
- Grec, G., Fossat, E., & Pomerantz, M., "Solar oscillations: full disk observations from the geographic South Pole", 1980Natur.288..541G [ADS](#)
- Kotov, V. A., Severny, A. B., Tsap, T. T., et al., "Shaking Down the Sun's Long-Period Vibes", 1980SciN..118..100K [ADS](#)
- Pomerantz, M. A., Grec, G., & Fossat, E., "Solar Seismology: A New View from the South Pole", 1980AnJUS..15..200P [ADS](#)
- Grec, G. & Fossat, E., "Comment about phase coherence of solar diameter pulsations", 1979MNRAS.188P..21G [ADS](#)
- Grec, G. & Fossat, E., "Calculation of pseudo narrow band oscillations produced by atmospheric differential extinction", 1979A&A...77..351G [ADS](#)
- Grec, G., Brandt, P., Fossat, E., & Deubner, F. L., "Solar pulsations and angular coherence of atmospheric transparency fluctuations", 1979A&A...77..347G [ADS](#)
- Fossat, E. & Souffrin, P., "The sun, a variable star", 1978Rech....9..526F [ADS](#)
- Fossat, E. & Grec, G., "Atmospheric Effects in Long Period Pulsation Studies", 1978pfs1.conf..151F [ADS](#)
- Roddier, F., Fossat, E., Grec, G., & Roddier, C., "Experiments for large multi-mirror telescopes. I- Detection of non radial stellar oscillations", 1978otf..conf..357R [ADS](#)

- Fossat, E., Grec, G., & Slaughter, C., "Photospheric oscillations. IV. An accurate omega -spectrum at low values of k .", 1977A&A....60..151F [ADS](#)
- Fossat, E., Harvey, J., Hausman, M., & Slaughter, C., "Apparent solar oscillations and fluctuations in the earth's atmosphere.", 1977A&A....59..279F [ADS](#)
- Grec, G. & Fossat, E., "Photospheric Oscillations. III. Search for Long Period Modes", 1977A&A....55..411G [ADS](#)
- Grec, G., Fossat, E., & Vernin, J., "A spectrophotometer for the study of long period solar photospheric oscillations.", 1976A&A....50..221G [ADS](#)
- Ricort, G., Aime, C., & Fossat, E., "TECHNOLOGIE: Mechanicals deformation studies of astronomical instrument using interferometric method", 1976NROpt...7..63R [ADS](#)
- Fossat, E., "Observations of the Line-Of-Sight Velocity", 1976IAUTB..16..244F [ADS](#)
- Fossat, E. & Ricort, G., "Photospheric oscillations. II - Acoustic filtering in the solar atmosphere and heating of the chromosphere", 1975A&A....43..253F [ADS](#)
- Fossat, E. & Ricort, G., "Photospheric oscillations. I. Large scale observations by optical resonance method.", 1975A&A....43..243F [ADS](#)
- Ricort, G., Aime, C., & Fossat, E., "Statistical analysis of a plate corrected for photographic noise.", 1974A&A....37..105R [ADS](#)
- Fossat, E., Ricort, G., Aime, C., & Roddier, F., "Evidence for Large-Scale Oscillations of the Solar Photosphere", 1974ApJ...193L..97F [ADS](#)
- Aime, C., Demarcq, J., Fossat, E., & Ricort, G., "Transformation in solar telescope of the Nice Observatory 40 cm coude refractor", 1974NROpt...5..257A [ADS](#)
- Fossat, E., "Observation of the Solar Photospheric Oscillations Using a Sodium Optical Resonance Device and an Optical Spatial Filtering", 1974A&AS...15..475F [ADS](#)
- Fossat, E. & Ricort, G., "Contribution to the Observation of the Photospheric Oscillations", 1973SoPh...28..311F [ADS](#)
- Fossat, E. & Roddier, F., "A Sodium Experiment for Photospheric Velocity Field Observations", 1971SoPh...18..204F [ADS](#)
- Fossat, E., "Mesures photographiques d'étoiles doubles", 1970A&AS....1..409F [ADS](#)