See https://www.spaceweather.com https://www.solarmonitor.org

See STEREO sites: CME Catalog http://cor1.gsfc.nasa.gov/catalog/

EUVI flares http://www.lmsal.com/nitta/movies/flares_euvi/

Table 2. Coronal waves observed by EUVI during March 2007 –December 2009

The Association of Solar Flares with Coronal Mass Ejections During the Extended Solar Minimum
Nitta, N. V., Aschwanden, A. M., Freeland, S. L., Lemen, J. R., Wuelser, J.-P., Zarro, D. M.
E-print, Aug **2013, File**; Solar Phys.

29 Dec 2007 – 25 Jan 2008

The Interaction Between Coronal Mass Ejections and Streamers: A Statistical View over 15 Years (1996 – 2010)
O. **Floyd**, P. Lamy, A. Llebaria
Solar Physics, April **2014**, Volume 289, Issue 4, pp 1313-1339; **File**

Jan – Dec 2008 - CIR events

Forecasting the Dst index during corotating interaction region events using synthesized solar wind parameters
Andriyas, T.; Spencer, E.; Raj, A.; Sojka, J.; Mays, M. L.
J. Geophys. Res., Vol. 117, No. A3, A03204, **2012; File**
---

2 Jan

THE HEIGHT EVOLUTION OF THE "TRUE" CORONAL MASS EJECTION MASS DERIVED FROM STEREO COR1 AND COR2 OBSERVATIONS
B. M. **Bein**1, M. Temmer1, A. Vourlidas2, A. M. Veronig1, and D. Utz
2013 ApJ 768 31; **File**

Uncovering the Birth of a Coronal Mass Ejection from Two-Viewpoint SECCHI Observations
A. **Vourlidas**1 _ P. Syntelis2;4 _ K. Tsinganos
Solar Phys., **2012, File**

On the influence of CMEs on the global 3-D coronal electron density
M. **Kramar**1,2, J. Davila2, H. Xie1,2, and S. Antiochos
Ann. Geophys., 29, 1019-1028, **2011, File**

Stereoscopic Analysis of STEREO/SECCHI Data for CME Trajectory Determination
P. C. **Liewer**, J. R. Hall, R. A. Howard, E. M. De Jong, W. T. Thompson, A. Thernisien
E-print, 6 Oct **2010**; JASTP

A morphological study of CMEs using wavelet analysis
D.I. **González-Gómeza**, , , X. Blanco-Canoa, and A.C. Ragab,
Advances in Space Research
Volume 46, Issue 1, 1 July **2010**, Pages 22-30; **File**

MULTI-SPACECRAFT OBSERVATIONS OF THE 2008 JANUARY 2 CME IN THE INNER HELIOSPHERE

X. H. **Zhao**1, X. S. Feng1, C. Q. Xiang1, Y. Liu2, Z. Li1,3, Y. Zhang4, and S. T. Wu5
Astrophysical Journal, 714:1133–1141, **2010** May, **File**

FIRST DETERMINATION OF THE TRUE MASS OF CORONAL MASS EJECTIONS: A NOVEL APPROACH TO USING THE TWO *STEREO* VIEWPOINTS
Robin C. **Colaninno**1 and Angelos Vourlidas2
Astrophysical Journal, 698:852–858, **2009, File**

First Measurements of the Mass of Coronal Mass Ejections from the EUV Dimming Observed with STEREO EUVI A+B Spacecraft
Markus J. **Aschwanden**, Nariaki V. Nitta, Jean-Pierre Wuelser, James R. Lemen, Anne Sandman, Angelos Vourlidas, Robin C. Colaninno
E-print, April **2009, File**, ApJ

Geometric Localization of CMEs in 3D Space Using STEREO Beacon Data: First Results
Curt A. **de Koning** · V.J. Pizzo · D.A. Biesecker
Solar Phys (2009) 256: 167–181, DOI 10.1007/s11207-009-9344-7, **2009, File**
STEREO SCIENCE RESULTS AT SOLAR MINIMUM

2-18 Jan
Magnetic topology of Active Regions and Coronal Holes: Implications for Coronal Outflows and the Solar Wind
L. van Driel-Gesztelyi, J. L. Culhane, D. Baker, P. D?moulin, C.H. Mandrini, M.L. DeRosa, A. P. Rouillard, A. Opitz, G. Stenborg, A. Vourlidas, D. H. Brooks
E-print, July, 2012; Solar Phys.

4 Jan
OBSERVATIONS OF SOLAR ENERGETIC PARTICLES FROM 3He-RICH EVENTS OVER A WIDE RANGE OF HELIOGRAPHIC LONGITUDE
M. E. **Wiedenbeck**1, G. M. Mason2, C. M. S. Cohen3, N. V. Nitta4, R. Gómez-Herrero5,6, and D. K Haggerty
2013 ApJ 762 54

4-12 Jan
Long- and Short-Term Evolutions of Magnetic Field Fluctuations in High-Speed Streams
Gilbert **Pi**, Alexander Pitňa, Zdenek Němeček, Jana Šafránková, Jih-Hong Shue & Ya-Hui Yang
Solar Physics volume 295, Article number: 84 (**2020**)
https://link.springer.com/content/pdf/10.1007/s11207-020-01646-8.pdf

7 Jan
Statistical Analysis of Large-scale EUV Waves Observed by STEREO/EUVI
Nicole **Muhr**, Astrid Maria Veronig, Ines Waltraud Kienreich, Bojan Vrsnak, Manuela Temmer, Bianca Maria Bein
Solar Phys., **2014**
http://arxiv.org/pdf/1408.2513v1.pdf

IMPULSIVE ACCELERATION OF CORONAL MASS EJECTIONS. II. RELATION TO SOFT X-RAY FLARES AND FILAMENT ERUPTIONS
B. M. Bein1, S. Berkebile-Stoiser1, A. M. Veronig1, M. Temmer1, and B. Vršnak
2012 ApJ 755 44, File

10 Jan
Plasma outflows from active regions: are they sources of the slow solar wind?
Lidia van Driel-Gesztelyi, Deb Baker, and Lucie Green

Hinode EIS science nugget for September 2012
http://msslxr.mssl.ucl.ac.uk:8080/SolarB/nuggets/nugget_2012sep.jsp

THREE-DIMENSIONAL CORONAL SLOW MODES: TOWARD THREE-DIMENSIONAL SEISMOLOGY
M. S. **Marsh**, R. W. Walsh and S. Plunkett
http://www.iop.org/EJ/toc/-alert=43190/0004-637X/697/2
2009 ApJ 697 1674-1680

10-15 Jan
Hinode/EIS measurements of active region magnetic fields
E. **Landi**, R. Hutton, T. Brage, W. Li
2020
https://arxiv.org/pdf/2008.03532.pdf

10-23 Jan
Connecting the Low to High Corona: A Method to Isolate Transients in STEREO/COR1 Images
Nathalia **Alzate**, Huw Morgan, Nicholeen Viall, Angelos Vourlidas
ApJ **2021**
https://arxiv.org/pdf/2107.02644.pdf

12 Jan
FIRST DETERMINATION OF THE TRUE MASS OF CORONAL MASS EJECTIONS: A NOVEL APPROACH TO USING THE TWO *STEREO* VIEWPOINTS
Robin C. **Colaninno**1 and Angelos Vourlidas2
Astrophysical Journal, 698:852–858, **2009, File**

15 Jan
BEHAVIOR OF THE SPINES IN A QUIESCENT PROMINENCE OBSERVED BY *HINODE*/SOT
Z. **Ning**1, W. Cao, and P. R. Goode
Astrophysical Journal, 707:1124–1130, **2009** December

FIRST DETERMINATION OF THE TRUE MASS OF CORONAL MASS EJECTIONS: A NOVEL APPROACH TO USING THE TWO *STEREO* VIEWPOINTS
Robin C. **Colaninno**1 and Angelos Vourlidas2
Astrophysical Journal, 698:852–858, **2009, File**

Small-scale oscillations in a quiescent prominence observed by HINODE/SOT Prominence oscillations
Z. **Ning**[1], W. Cao[2], T. J. Okamoto[3], K. Ichimoto[3, 4], and Z. Q. Qu[5]
A&A 499, 595-600 (**2009**), DOI: 10.1051/0004-6361/200810853
http://www.aanda.org/10.1051/0004-6361/200810853

16 Jan
PATTERNS OF FLOWS IN AN INTERMEDIATE PROMINENCE OBSERVED BY *HINODE*
Kwangsu **Ahn**1,2, Jongchul Chae1,2, Wenda Cao2, and Philip R. Goode2
Astrophysical Journal, 721:74–79, **2010**

21 Jan

Comparative Analysis of a Transition Region Bright Point with a Blinker and Coronal Bright Point Using Multiple EIS Emission Lines

N. Brice **Orange**, Hakeem M. Oluseyi, David L. Chesny, Maulik Patel, Katie Hesterly, Lauren Preuss, Chantale Neira, Niescja E. Turner
Solar Physics, May **2014**, Volume 289, Issue 5, pp 1557-1584

23 Jan 2008

Stereoscopic Analysis of STEREO/SECCHI Data for CME Trajectory Determination
P. C. **Liewer**, J. R. Hall, R. A. Howard, E. M. De Jong, W. T. Thompson, A. Thernisien
E-print, 6 Oct **2010**; JASTP

25 Jan – 21 Feb

The Interaction Between Coronal Mass Ejections and Streamers: A Statistical View over 15 Years (1996 – 2010)
O. **Floyd**, P. Lamy, A. Llebaria
Solar Physics, April **2014**, Volume 289, Issue 4, pp 1313-1339; **File**

27 Jan

Pseudostreamers as the source of a separate class of solar coronal mass ejections,
Wang, Y-M.
(**2015**), Astrophys. J. Lett., 803. L12.
http://iopscience.iop.org/article/10.1088/2041-8205/803/1/L12/pdf

28 Jan

Statistical Survey of Type III Radio Bursts at Long Wavelengths Observed by the Solar TErrestrial RElations Observatory (STEREO)/Waves Instruments: Goniopolarimetric Properties and Radio Source Locations
Vratislav **Krupar**, Milan Maksimovic, Ondrej Santolik, Baptiste Cecconi, Oksana Kruparova
2014
http://arxiv.org/pdf/1410.6135v1.pdf

29 Jan 2008

Forward Modeling of the Type III Radio Burst Exciter
Peijin **Zhang**, Chuanbing Wang, Lin Ye, Yuming Wang
Solar Physics May **2019**, 294:62
sci-hub.se/10.1007/s11207-019-1448-0

Self-similar expansion of solar coronal mass ejections: implications for Lorentz self-force driving
Prasad **Subramanian**, K. P. Arunbabu, Angelos Vourlidas, Adwiteey Mauriya
ApJ, **2014**
http://arxiv.org/pdf/1406.0286v1.pdf

Determination of Electromagnetic Source Direction as an Eigenvalue Problem
Juan C. **Martínez-Oliveros**, Charles Lindsey, Stuart D. Bale and Säm Krucker
Solar Physics, Volume 279, Number 1 (**2012**), 153-171

Multipoint Observations of Solar Type III Radio Bursts from STEREO and *Wind*
M.J. **Reiner** · K. Goetz · J. Fainberg · M.L. Kaiser · M. Maksimovic · B. Cecconi · S. Hoang · S.D. Bale · J.-L. Bougeret
Solar Phys (**2009**) 259: 255–276; **File**

30 Jan

On the Origin, 3D Structure and Dynamic Evolution of CMEs Near Solar Minimum
H. **Xie** · O.C. St. Cyr · N. Gopalswamy · S. Yashiro · J. Krall · M. Kramar · J. Davila
Solar Phys (**2009**) 259: 143–161

Feb 2008
3D Coronal Density Reconstruction and Retrieving the Magnetic Field Structure during Solar Minimum
M. **Kramar**, V. Airapetian, Z. Mikić, J. Davila
Solar Phys., **2014**

1-13 Feb
Validation of Spherically Symmetric Inversion by Use of a Tomographic Reconstructed Three-Dimensional Electron Density of the Solar Corona
Tongjiang **Wang** and Joseph M. Devila
E-print, May **2014**; Solar Phys.
http://arxiv.org/pdf/1404.5925v1.pdf

PROBING THE THERMODYNAMICS AND KINEMATICS OF SOLAR CORONAL STREAMERS
V. **Airapetian**1,2, L. Ofman1,2,3, E. C. Sittler2, and M. Kramar1,2
Astrophysical Journal, 728:67 (10pp), **2011** February

4 Feb 2008
Association of 3He-Rich Solar Energetic Particles with Large-Scale Coronal Waves
Radoslav **Bucik**, Davina E. Innes, Glenn M. Mason, Mark E. Wiedenbeck
2016
http://arxiv.org/pdf/1609.05346v1.pdf

SOLAR ENERGETIC PARTICLE 3He-RICH EVENTS FROM THE NEARLY QUIET SUN IN 2007–2008
G. M. **Mason**1, N. V. Nitta2, C. M. S. Cohen3, and M. E. Wiedenbeck4
Astrophysical Journal, 700:L56–L59, **2009**

Comprehensive Observations of a Solar Minimum Coronal Mass Ejection with the Solar Terrestrial Relations Observatory
B. E. **Wood**, R. A. Howard, S. P. Plunkett, and D. G. Socker
Astrophysical Journal, 694:707–717, **2009; File**

7 Feb
Fast Solar Image Classification Using Deep Learning and its Importance for Automation in Solar Physics
John A. **Armstrong**, Lyndsay Fletcher
Solar Phys. **2019**
https://arxiv.org/pdf/1905.13575.pdf

8 Feb
MODELING TRANSPORT OF ENERGETIC PARTICLES IN COROTATING INTERACTION REGIONS – A CASE STUDY†
Lulu **Zhao**, Gang Li, R. W. Ebert, …
JGR Volume 121, Issue 1 January **2016** Pages 77–92

12 Feb
FIRST DETERMINATION OF THE TRUE MASS OF CORONAL MASS EJECTIONS: A NOVEL APPROACH TO USING THE TWO *STEREO* VIEWPOINTS
Robin C. **Colaninno**1 and Angelos Vourlidas2

Astrophysical Journal, 698:852–858, **2009, File**

15 Feb

Observational Tracking of the 2D Structure of Coronal Mass Ejections Between the Sun and 1 AU

N. P. **Savani**, J. A. Davies, C. J. Davis, D. Shiota, A. P. Rouillard, M. J. Owens, K. Kusano, V. Bothmer, S. P. Bamford and C. J. Lintott, et al.
Solar Physics, Volume 279, Number 2 (**2012**), 517-53
http://arxiv.org/pdf/1503.08774v1.pdf

The radial width of a Coronal Mass Ejection between 0.1 and 0.4 AU estimated from the Heliospheric Imager on STEREO

N.P. **Savani**, A.P. Rouillard, J.A. Davies, M.J. Owens, R.J. Forsyth, C.J. Davis, and R.A. Harrison
Ann. Geophys., 27, 4349-4358, **2009**
www.ann-geophys.net/27/4349/2009/

FIRST DETERMINATION OF THE TRUE MASS OF CORONAL MASS EJECTIONS: A NOVEL APPROACH TO USING THE TWO *STEREO* VIEWPOINTS

Robin C. **Colaninno**1 and Angelos Vourlidas2
Astrophysical Journal, 698:852–858, **2009, File**

First Measurements of the Mass of Coronal Mass Ejections from the EUV Dimming Observed with STEREO EUVI A+B Spacecraft

Markus J. **Aschwanden**, Nariaki V. Nitta, Jean-Pierre Wuelser, James R. Lemen, Anne Sandman, Angelos Vourlidas, Robin C. Colaninno
E-print, April **2009, File**, ApJ

23 Feb

On the Expansion Speed of Coronal Mass Ejections: Implications for Self-Similar Evolution

L. A. **Balmaceda**, A. Vourlidas, G. Stenborg & O. C. St. Cyr
Solar Physics volume 295, Article number: 107 (**2020**)
https://link.springer.com/content/pdf/10.1007/s11207-020-01672-6.pdf

6 March

Observations of ICMEs and ICME-like Solar Wind Structures from 2007 – 2010 Using Near-Earth and STEREO Observations

E. K. J. **Kilpua**, L. K. Jian, Y. Li, J. G. Luhmann, C. T. Russell
Solar Physics, November **2012**, Volume 281, Issue 1, pp 391-409, **File**

7-10 March

Geoeffectiveness of stream interaction regions during 2007–2008

E. **Sanchez-Garcia**, E. Aguilar-Rodriguez, V. Ontiveros, J. A. Gonzalez-Esparza
Space Weather Volume 15, Issue 8 August **2017** Pages 1052–1067
http://sci-hub.cc/10.1002/2016SW001559

8 March

Structures of Interplanetary Magnetic Flux Ropes and Comparison with Their Solar Sources

Qiang **Hu**, Jiong Qiu, B. Dasgupta, A. Khare, and G. M. Webb
ApJ, **2014; File**
https://dl.dropboxusercontent.com/u/96898685/ms_fr_v4.pdf

8-9 March

Geoeffective Properties of Solar Transients and Stream Interaction Regions **Review**
E. K. J. **Kilpua**, A. Balogh, R. von Steiger,Y. D. Liu
Space Science Reviews Volume 212, Issue 3–4, pp 1271–1314 **2017**
https://link.springer.com/content/pdf/10.1007%2Fs11214-017-0411-3.pdf

9 March

Bi-directional streaming of particles accelerated at the STEREO-A shock on 2008 March 9
F **Fraschetti**, J Giacalone
Monthly Notices of the Royal Astronomical Society, Volume 499, Issue 2, December **2020**, 2087–2093,
https://doi.org/10.1093/mnras/staa3021

11 March

Visible light and ultraviolet observations of coronal structures: physical properties of an equatorial streamer and modelling of the F corona
S. **Dolei**, D. Spadaro and R. Ventura
A&A 577, A34 (**2015**)
http://www.aanda.org/articles/aa/pdf/2015/05/aa25387-14.pdf

12-17 March

Coronal Pseudo-Streamer and Bipolar Streamer Observed by SOHO/UVCS in March 2008
Lucia **Abbo**, Roberto Lionello, Pete Riley, Yi-Ming Wang
Solar Phys. **2015**
http://arxiv.org/pdf/1505.05649v1.pdf

13-14 March

RATAN-600 Observations of Small Scale Structures with High Spectral Resolution
V. M. **Bogod**, C. E. Alissandrakis, T. I. Kaltman, S. Kh. Tokhchukova
Solar Phys., **2014**
http://arxiv.org/pdf/1403.7658v1.pdf

18 March

Accuracy and Limitations of Fitting and Stereoscopic Methods to Determine the Direction of Coronal Mass Ejections from Heliospheric Imagers Observations
N. **Lugaz**
Solar Phys (**2010**) 267: 411–429; **File**

20 March 2008 to 16 April 2008

Topical Issue
The Sun–Earth Connection near Solar Minimum: Placing it into Context
Mario M. **Bisi**, Barbara J. Thompson, Barbara A. Emery, Sarah E. Gibson, John Leibacher und Lidia van Driel-Gesztelyi (Eds.)
Solar Phys., (**2011**) 274
The Whole Heliosphere Interval (WHI) was an international observing and modeling effort to characterize the 3-D interconnected "heliophysical" system during this solar minimum, centered on Carrington Rotation 2068, **March 20–April 16, 2008.**

Coronal Transient Events During Two Solar Minima: Their Solar Source Regions and Interplanetary Counterparts
H. **Cremades**, C. H. Mandrini und S. Dasso

Solar Physics, Volume 274, Numbers 1-2, 233-249, **2011, File**

Low-Resolution STELab IPS 3D Reconstructions of the Whole Heliosphere Interval and Comparison with in-Ecliptic Solar Wind Measurements from STEREO and *Wind* Instrumentation

M.M. **Bisi** · B.V. Jackson · A. Buffington · J.M. Clover · P.P. Hick · M. Tokumaru

Solar Phys (2009) 256: 201–217, DOI 10.1007/s11207-009-9350-9, **2009**
STEREO SCIENCE RESULTS AT SOLAR MINIMUM

21 March
THREE-DIMENSIONAL STRUCTURE AND EVOLUTION OF EXTREME-ULTRAVIOLET BRIGHT POINTS OBSERVED BY STEREO/SECCHI/EUVI
Ryun-Young **Kwon**1,2, Jongchul Chae3, Joseph M. Davila2, Jie Zhang4, Yong-Jae Moon5, Watanachak Poomvises1,2, and Shaela I. Jones
2012 ApJ 757 167

23 March 2008 - выходят 3 приэкваториальных АО.
http://stereo.gsfc.nasa.gov/gallery/stereoimages/304rise.shtml
IMPULSIVE ACCELERATION OF CORONAL MASS EJECTIONS. II. RELATION TO SOFT X-RAY FLARES AND FILAMENT ERUPTIONS
B. M. Bein1, S. Berkebile-Stoiser1, A. M. Veronig1, M. Temmer1, and B. Vršnak
2012 ApJ 755 44, File

25 March – 19:06 – M1.7 **пересвет** на B=42,5*2/299=0,28 <--**16 s**; **8 s** →L/Rs=0,142
А-залимб

25 March 2008 E-limb flare: M1.7/1F at 18:36; **coronal wave**, large CME STEREO (see http://stereo-ssc.nascom.nasa.gov/browse/2008/03/25/), MLSO data

#Begin	Max	End	Rgn	Loc	Xray	Op	245MHz	10cm	Sweep
1836	1856	1913	0989	S13E78	M1.7	1f	99	290	II

http://stereo.gsfc.nasa.gov/gallery/stereoimages/MflareCor2.shtml
http://stereo.gsfc.nasa.gov/gallery/stereoimages/Mflare2008.shtml
Хорошая эрупция и корональная волна на STEREO B

Grechnev, NOBE-12, Presentation

Microwave radio emissions as a proxy for coronal mass ejection speed in arrival predictions of interplanetary coronal mass ejections at 1 AU
Carolina Salas **Matamoros**1,2*, Karl Ludwig Klein1 and Gerard Trottet
J. Space Weather Space Clim., 7, A2 (**2017**)
http://www.swsc-journal.org/articles/swsc/pdf/2017/01/swsc160027.pdf

Evaluation of standoff distance method to determine the coronal magnetic field using CME-driven shocks
K. **Suresh**, A. Shanmugaraju, M. Syed Ibrahim
Astrophysics and Space Science November **2016**, 361:360
http://link.springer.com/article/10.1007/s10509-016-2944-4?wt_mc=alerts.TOCjournals

A comparison of coronal mass ejection models with observations for two large CMEs detected during the Whole Heliosphere Interval
Chia-Hsien **Lin**, James Chen
Terr. Atmos. Ocean. Sci., Vol. 26, No. 2, Part I, 121-134, April **2015**

http://arxiv.org/pdf/1512.07000v1.pdf

Large-scale Globally Propagating Coronal Waves **Review**
Warmuth, Alexander
Living Reviews in Solar Physics, PUB.NO. lrsp-2015-3, **2015**
http://solarphysics.livingreviews.org/Articles/lrsp-2015-3/ **File**

Statistical Analysis of Large-scale EUV Waves Observed by STEREO/EUVI
Nicole **Muhr**, Astrid Maria Veronig, Ines Waltraud Kienreich, Bojan Vrsnak, Manuela Temmer, Bianca Maria Bein
Solar Phys., **2014**
http://arxiv.org/pdf/1408.2513v1.pdf

Space Weather and Coronal Mass Ejections **Book**
Timothy A. **Howard**
Springer, **2013**
http://books.google.ru/books?id=ihO4BAAAQBAJ&pg=PA97&lpg=PA97&dq=DeForest,+C.+E.&source=bl&ots=XIvsgYLfFB&sig=525J_9PFZBGda9BsysLsvRRQh34&hl=ru&sa=X&ei=HxlfVOr7HoG6PdDNgegL&ved=0CC4Q6AEwBQ#v=onepage&q=DeForest%2C%20C.%20E.&f=false

On the Nature and Genesis of EUV Waves: A Synthesis of Observations from SOHO, STEREO, SDO, and Hinode **Review**
Spiros **Patsourakos** 1 _ Angelos Vourlidas
arXiv-print, **2012, File**; Solar Physics, Special Issue "The Sun in 360",2012,

The Strength and Radial Profile of Coronal Magnetic Field from the Standoff Distance of a CME-driven Shock
Nat **Gopalswamy** and Seiji Yashiro2
E-print, July **2011, File**

Relations estimated at shock discontinuities excited by coronal mass ejections
M. V. **Eselevich** and V. G. Eselevich
Astronomy Reports, Volume 55, Number 4, 359-373, 2011
Astronomicheskii Zhurnal, **2011**, Vol. 88, No. 4, pp. 393–408

STUDYING EXTREME ULTRAVIOLET WAVE TRANSIENTS WITH A DIGITAL LABORATORY: DIRECT COMPARISON OF EXTREME ULTRAVIOLET WAVE OBSERVATIONS TO GLOBAL MAGNETOHYDRODYNAMIC SIMULATIONS
Cooper **Downs**1, Ilia I. Roussev1, Bart van der Holst2, No´e Lugaz1, Igor V. Sokolov2, and Tamas I. Gombosi2
Astrophysical Journal, 728:2 (15pp), **2011** February; **File**

CORONAL MASS EJECTION PROPAGATION AND EXPANSION IN THREE-DIMENSIONAL SPACE IN THE HELIOSPHERE BASED ON STEREO/SECCHI OBSERVATIONS
Poomvises, W., Zhang, J., & Olmedo, O.
2010, ApJ, 717, L159, **File**

Solar Wind Drag and the Kinematics of Interplanetary Coronal Mass Ejections
Shane A. **Maloney** and Peter T. Gallagher
E-print, Oct **2010**; ApJL 724:L127–L132, **2010**, **File**

Stereoscopic Analysis of STEREO/SECCHI Data for CME Trajectory Determination
P. C. **Liewer**, J. R. Hall, R. A. Howard, E. M. De Jong, W. T. Thompson, A. Thernisien
E-print, 6 Oct **2010, File**; JASTP

Toward understanding the early stages of an impulsively accelerated coronal mass ejection SECCHI observations
S. **Patsourakos**, A. Vourlidas2, and B. Kliem3,4
E-print, 9Aug **2010**, **File**, A&A

On 3D Reconstruction of Coronal Mass Ejections:
I. Method Description and Application to SECCHI-COR Data
M. **Mierla** · B. Inhester · C. Marqué · L. Rodriguez · S. Gissot · A.N. Zhukov · D. Berghmans · J. Davila
Solar Phys (**2009**) 259: 123–141, **File**

Relation Between Type II Bursts and CMEs Inferred from STEREO Observations
Gopalswamy, N.; Thompson, W. T.; Davila, J. M.; Kaiser, M. L.; Yashiro, S.; M?kel?, P.; Michalek, G.; Bougeret, J.-L.; Howard, R. A.
E-print, July **2009**; Solar Phys. **File**

Grechnev, FIAN-09

4D-Modeling of CME Expansion and EUV Dimming with Fitting to STEREO/EUVI Observations
Markus J. **Aschwanden**
E-print, June **2009, File**; Annales Geophysicae

FIRST DETERMINATION OF THE TRUE MASS OF CORONAL MASS EJECTIONS: A NOVEL APPROACH TO USING THE TWO *STEREO* VIEWPOINTS
Robin C. **Colaninno**1 and Angelos Vourlidas2
Astrophysical Journal, 698:852–858, **2009, File**

Reconstructing the 3-D Trajectories of CMEs in the Inner Heliosphere
Shane A. **Maloney**, Peter T. Gallagher and R. T. James McAteer[1]
E-print, May **2009,** Solar Phys (**2009**) 256: 149–166; **File**

First Measurements of the Mass of Coronal Mass Ejections from the EUV Dimming Observed with STEREO EUVI A+B Spacecraft
Markus J. **Aschwanden**, Nariaki V. Nitta, Jean-Pierre Wuelser, James R. Lemen, Anne Sandman, Angelos Vourlidas, Robin C. Colaninno
E-print, April **2009, File**, ApJ

28 March 2008

FINE STRUCTURE EVENTS IN MICROWAVE EMISSION DURING SOLAR MINIMUM
Chengming **Tan**, Baolin Tan, Yihua Yan, Wei Wang, Linjie Chen, Fei Liu, Yujiang Dou
Solar-Terrestrial Physics. **2019**. Vol. 5. Iss. 2. P. 3–8.
Solnechno-zemnaya fizika, 2019. Vol. 5. Iss. 2. P. 4–10
https://naukaru.ru/en/storage/view/36892

Combined STEREO/RHESSI study of CME acceleration and particle acceleration in solar flares
M. **Temmer**, A.M. Veronig, E.P. Kontar, S. Krucker, B. Vrsnak
E-print, Feb. **2010, File,** Ap. J.

28-30 March
Magnetic Connectivity Between Active Regions 10987, 10988, and 10989 by Means of Nonlinear Force-Free Field Extrapolation
Tilaye **Tadesse**, T. Wiegelmann, B. Inhester and A. Pevtsov

Solar Physics, Volume 277, Number 1, 119-130, **2012**

March-Apr 2008. ARs 10987-10989

Investigation of a Sunspot Complex by Helioseismology
A.G. **Kosovichev** and T.L. Duvall, Jr
E-print Feb. **2011**; to appear in Proc. IAU Symposium 273, Physics of Sun and Star Spots, Ventura, California 22-26 August 2010

2 Apr

Using an Ellipsoid Model to Track and Predict the Evolution and Propagation of Coronal Mass Ejections
S. **Schreiner**1 , C. Cattell1, K. Kersten1 and A. Hupach
Solar Phys., **2013**, Volume 288, Issue 1, pp 291-309

5 April 2008 - ~06 and 19 UT, W,
приличная эрупция волокна (вблизи АО?) или sprays?
http://cor1.gsfc.nasa.gov/catalog/COR1_preliminary_event_list.php?q=2008-04
Хороший пример для изучения компонент прилимбовой эрупции с использованием данных двух коронографов **STEREO**/COR1 (1.4-4.0) Rs, EUVI; **SOHO/EIT**, хорошие данные **MLSO.** See Events!
http://stereo.gsfc.nasa.gov/gallery/stereoimages/Twists304.shtml

A Simple Technique for Identifying the Propagation Direction of CMEs in 3D Space
Y. I. **Egorov** & V. G. Fainshtein
Solar Physics volume 296, Article number: 161 (**2021**)
https://link.springer.com/content/pdf/10.1007/s11207-021-01904-3.pdf
https://doi.org/10.1007/s11207-021-01904-3

A comparison of coronal mass ejection models with observations for two large CMEs detected during the Whole Heliosphere Interval
Chia-Hsien **Lin**, James Chen
Terr. Atmos. Ocean. Sci., Vol. 26, No. 2, Part I, 121-134, April **2015**
http://arxiv.org/pdf/1512.07000v1.pdf

DETERMINATION OF THE HELIOSPHERIC RADIAL MAGNETIC FIELD FROM THE STANDOFF DISTANCE OF A CME-DRIVEN SHOCK OBSERVED BY THE STEREO SPACECRAFT
Watanachak Poomvises1,2, Nat Gopalswamy1, Seiji Yashiro1,2, Ryun-Young Kwon1,2, and Oscar Olmedo
2012 ApJ 758 118

Observables Indicating Two Major Coronal Mass Ejections During the WHI
N. V. **Nitta**
Solar Physics, Volume 274, Numbers 1-2, 219-232, **2011**

Impulsive acceleration of coronal mass ejections: I. Statistics and CME source region characteristics
B. M. **Bein**, S. Berkebile-Stoiser, A. M. Veronig, M. Temmer, N. Muhr, I. Kienreich, D. Utz
E-print, 5 Aug, 2011**; 2011** ApJ 738 191**, File**

STEREO DIRECT IMAGING OF A CORONAL MASS EJECTION-DRIVEN SHOCK TO 0.5 AU

Shane A. **Maloney** and Peter T. Gallagher
E-print, June **2011, File ; 2011** ApJ 736 L5

Impulsive acceleration of coronal mass ejections: I. Statistics and CME source region characteristics
B. M. **Bein**, S. Berkebile-Stoiser, A. M. Veronig, M. Temmer, N. Muhr, I. Kienreich, D. Utz
E-print, 5 Aug, **2011, File**

FIRST DETERMINATION OF THE TRUE MASS OF CORONAL MASS EJECTIONS: A NOVEL APPROACH TO USING THE TWO *STEREO* VIEWPOINTS
Robin C. **Colaninno**1 and Angelos Vourlidas2
Astrophysical Journal, 698:852–858, **2009, File**

First Measurements of the Mass of Coronal Mass Ejections from the EUV Dimming Observed with STEREO EUVI A+B Spacecraft
Markus J. **Aschwanden**, Nariaki V. Nitta, Jean-Pierre Wuelser, James R. Lemen, Anne Sandman, Angelos Vourlidas, Robin C. Colaninno
E-print, April **2009, File**, ApJ

8 April
PHYSICAL PROPERTIES OF COOLING PLASMA IN QUIESCENT ACTIVE REGION LOOPS
E. Landi et al 2009 ApJ 695 221-237 doi: 10.1088/0004-637X/695/1/221

9 April - An erupting prominence glows brightly in this COR1-Ahead image from April 9, 2008. This is by far the brightest prominence seen by COR1 since the start of the mission. Complex twisting motions are seen as the prominence erupts.
It is a combination of COR1A and SECCHI EUVI 304 Angstrom images showing a spectacular prominence eruption on 2008-04-09. This event was also seen by the Hinode soft X-ray imager, and joint analysis of this interesting event is underway.
http://cor1.gsfc.nasa.gov/

See http://science.nasa.gov/headlines/y2008/27may_cartwheelcme.htm
http://stereo.gsfc.nasa.gov/gallery/stereoimages/304erupt_Apr08.shtml

The Deflection of the Cartwheel CME: ForeCAT Results
Luisa **Capannolo**1, Merav Opher1, Christina Kay2, and Enrico Landi3
2017 ApJ 839 37 DOI 10.3847/1538-4357/aa6a16
http://iopscience.iop.org.sci-hub.cc/0004-637X/839/1/37/

Review on Current Sheets in CME Development: Theories and Observations
Jun **Lin**, Nicholas A. Murphy, Chengcai Shen, John C. Raymond, Katharine K. Reeves,Jiayong Zhong, N ing Wu, Yan Li
Space Science Reviews **201**5 **File** **Open Access**

Mass and energy of erupting solar plasma observed with the X-Ray Telescope on Hinode
Jin-Yi **Lee**, John C. Raymond, Katharine K. Reeves, Yong-Jae Moon, and Kap-Sung Kim
ApJ, 2014
http://arxiv.org/pdf/1411.2229v1.pdf

A Parametric Study of Erupting Flux Rope Rotation
B. **Kliem**, T. Török, W. T. Thompson

Solar Physics, November **2012**, Volume 281, Issue 1, pp 137-166

POST-CORONAL MASS EJECTION PLASMA OBSERVED BY HINODE
E. **Landi**1, J. C. Raymond2, M. P. Miralles2, and H. Hara
2012 ApJ 751 21, **File**

3D Reconstruction of a Rotating Erupting Prominence
W. T. **Thompson**, B. Kliem and T. Török
Solar Physics, Volume 276, Numbers 1-2, 241-259, **2012**

ACCELERATION OF CORONAL MASS EJECTIONS FROM THREE-DIMENSIONAL RECONSTRUCTION OF STEREO IMAGES
Anand D. **Joshi** and Nandita Srivastava
2011 ApJ 739 8, **File**

Solar Wind Drag and the Kinematics of Interplanetary Coronal Mass Ejections
Shane A. **Maloney** and Peter T. Gallagher
E-print, Oct **2010**; ApJL 724:L127–L132, **2010**, **File**

Evidence for a current sheet forming in the wake of a Coronal Mass Ejection from multi-viewpoint coronagraph observations
S. **Patsourakos**, A. Vourlidas
E-print, Oct **2010**, **File**; A&A

Solar Wind Drag and the Kinematics of Interplanetary Coronal Mass Ejections
Shane A. **Maloney** and Peter T. Gallagher
E-print, Oct **2010**, **File**; ApJL

RECONNECTION OUTFLOWS AND CURRENT SHEET OBSERVED WITH *HINODE*/XRT IN THE 2008 APRIL 9 "CARTWHEEL CME" FLARE
Sabrina L. **Savage**1, David E. McKenzie1, Katharine K. Reeves2, Terry G. Forbes3, and Dana W. Longcope1
Astrophysical Journal, 722:329–342, **2010, File**

Modeling UV and X-Ray Emission in a Post-CME Current Sheet
Yuan-Kuen **Ko**, John C. Raymond2, Bojan Vr˜snak3, Eugen Vuji´
E-print, 12 Aug 2010, ApJ, 722:625–641, **2010, File**

PHYSICAL CONDITIONS IN A CORONAL MASS EJECTION FROM *HINODE*, *STEREO*, AND *SOHO* OBSERVATIONS
E. **Landi**1, J. C. Raymond2, M. P. Miralles2, and H. Hara3
Astrophysical Journal, 711:75–98, **2010** March; **File**

Reconstructing the 3-D Trajectories of CMEs in the Inner Heliosphere
Shane A. **Maloney**, Peter T. Gallagher and R. T. James McAteer[1]
E-print, May **2009,** Solar Phys (**2009**) 256: 149–166; **File**

10 April

Using ForeCAT Deflections and Rotations to Constrain the Early Evolution of CMEs
C. Kay**, M. Opher, R. C. Colaninno, A. Vourlidas**
ApJ 2016
http://arxiv.org/pdf/1606.03460v1.pdf

14 April

The EUV spectrum of the Sun: quiet and active Sun irradiances and chemical composition

G. **Del Zanna**
A&A **2019**
https://arxiv.org/pdf/1901.08841.pdf

16 April

Coronal Sources and In Situ Properties of the Solar Winds Sampled by ACE During 1999–2008
Hui **Fu**, Bo Li, Xing Li, Zhenghua Huang, Chaozhou Mou, Fangran Jiao, Lidong Xia
Solar Phys. **2015**
http://arxiv.org/pdf/1505.00407v1.pdf

Statistical Analysis of Large-scale EUV Waves Observed by STEREO/EUVI
Nicole **Muhr**, Astrid Maria Veronig, Ines Waltraud Kienreich, Bojan Vrsnak, Manuela Temmer, Bianca Maria Bein
Solar Phys., **2014**
http://arxiv.org/pdf/1408.2513v1.pdf

16 April to 13 May 2008

3D Temperatures and Densities of the Solar Corona via Multi-Spacecraft EUV Tomography: Analysis of Prominence Cavities
Alberto M. **Vásquez** · Richard A. Frazin · Farzad Kamalabadi
Solar Phys (2009) 256: 73–85, DOI 10.1007/s11207-009-9321-1
STEREO SCIENCE RESULTS AT SOLAR MINIMUM

18 Apr

Observations of the Solar Corona from Space **Review**
Ester **Antonucci**, Louise Harra, Roberto Susino & Daniele Telloni
Space Science Reviews volume 216, Article number: 117 (**2020**)
https://link.springer.com/content/pdf/10.1007/s11214-020-00743-1.pdf
https://link.springer.com/article/10.1007/s11214-020-00743-1

26 Apr

Polarisation and source structure of solar stationary type IV radio bursts⋆
Carolina **Salas-Matamoros**1 and Karl-Ludwig Klein
A&A 639, A102 (**2020**)
https://www.aanda.org/articles/aa/pdf/2020/07/aa37989-20.pdf

Combining STEREO SECCHI COR2 and HI1 images for automatic CME front edge tracking
Vladimir **Kirnosov**1*, Lin-Ching Chang1 and Antti Pulkkinen
J. Space Weather Space Clim., 6, A41 (**2016**)
http://www.swsc-journal.org/articles/swsc/pdf/2016/01/swsc150079.pdf

CME-related particle acceleration regions during a simple eruptive event near solar minimum
Carolina Salas **Matamoros**∗1,2, Karl-Ludwig Klein1,3, and Alexis Rouillard4
CESRA 2016 p.65
http://cesra2016.sciencesconf.org/conference/cesra2016/pages/CESRA2016_prog_abs_book_v3.pdf

Coronal mass ejection-related particle acceleration regions during a simple eruptive event

Carolina **Salas-Matamoros**1,5, Karl-Ludwig Klein1,2 and Alexis P. Rouillard3
A&A 590, A135 (**2016**) **File**
http://www.aanda.org/articles/aa/pdf/2016/06/aa28015-15.pdf

Statistical Analysis of Large-scale EUV Waves Observed by STEREO/EUVI
Nicole **Muhr**, Astrid Maria Veronig, Ines Waltraud Kienreich, Bojan Vrsnak, Manuela Temmer, Bianca Maria Bein
Solar Phys., **2014**
http://arxiv.org/pdf/1408.2513v1.pdf

Connecting speeds, directions and arrival times of 22 coronal mass ejections from the Sun to 1 AU
C. **Möstl**, K. Amla, J. R. Hall, P. C. Liewer, E. M. De Jong, R. C. Colaninno, A. M. Veronig, T. Rollett, M. Temmer, V. Peinhart, J. A. Davies, N. Lugaz, Y. D. Liu, C.J. Farrugia, J. G. Luhmann, B. Vršnak, R. A. Harrison, A. B. Galvin
ApJ, **2014**
http://arxiv.org/pdf/1404.3579v1.pdf

THE HEIGHT EVOLUTION OF THE "TRUE" CORONAL MASS EJECTION MASS DERIVED FROM STEREO COR1 AND COR2 OBSERVATIONS
B. M. **Bein**1, M. Temmer1, A. Vourlidas2, A. M. Veronig1, and D. Utz
2013 ApJ 768 31; **File**

Using an Ellipsoid Model to Track and Predict the Evolution and Propagation of Coronal Mass Ejections
S. **Schreiner**1 , C. Cattell1, K. Kersten1 and A. Hupach
Solar Phys., **2012**, doi 10.1007/s11207-012-9936-5

CME reconstruction: Pre-STEREO and STEREO era
A. **Thernisien**[a], A. Vourlidas[b], and R.A. Howard[b],
Journal of Atmospheric and Solar-Terrestrial Physics, Volume 73, Issue 10, **2011**, Pages 1156-1165
https://sci-hub.ru/10.1016/j.jastp.2010.10.019

INITIATION AND EARLY DEVELOPMENT OF THE 2008 APRIL 26 CORONAL MASS EJECTION
J. **Huang**1,2, P. D´emoulin2, M. Pick2, F. Auch`ere3, Y. H. Yan1, and A. Bouteille2
Astrophysical Journal, 729:107 (10pp), **2011, File**

CORONAL MASS EJECTION PROPAGATION AND EXPANSION IN THREE-DIMENSIONAL SPACE IN THE HELIOSPHERE BASED ON STEREO/SECCHI OBSERVATIONS
Poomvises, W., Zhang, J., & Olmedo, O.
2010, ApJ, 717, L159, **File**

Accuracy and Limitations of Fitting and Stereoscopic Methods to Determine the Direction of Coronal Mass Ejections from Heliospheric Imagers Observations
N. **Lugaz**
Solar Phys (**2010**) 267: 411–429; **File**

SMEI 3D RECONSTRUCTION OF A CORONAL MASS EJECTION INTERACTING WITH A COROTATING SOLAR WIND DENSITY ENHANCEMENT: THE 2008 APRIL 26 CME
B. V. **Jackson**1, A. Buffington1, P. P. Hick1,2, J. M. Clover1, M. M. Bisi1,3, and D. F. Webb4
Astrophysical Journal, 724:829–834, **2010**

Stereoscopic Analysis of STEREO/SECCHI Data for CME Trajectory Determination
P. C. **Liewer**, J. R. Hall, R. A. Howard, E. M. De Jong, W. T. Thompson, A. Thernisien

E-print, 6 Oct **2010**; JASTP

Automatic Detection and Extraction of Coronal Dimmings from SDO/AIA Data
G. D. R. **Attrill** and M. J. Wills-Davey
E-print, Aug, **2009**, **File** ; Solar Phys.

Numerical Heliospheric Simulations as Assisting Tool for Interpretation of Observations by STEREO Heliospheric Imagers
Dusan **Odstrcil** · Victor J. Pizzo
Solar Phys (**2009**) 259: 297–309, **File**

On the Origin, 3D Structure and Dynamic Evolution of CMEs Near Solar Minimum
H. **Xie** · O.C. St. Cyr · N. Gopalswamy · S. Yashiro · J. Krall · M. Kramar · J. Davila
Solar Phys (**2009**) 259: 143–161

AN EMPIRICAL RECONSTRUCTION OF THE 2008 APRIL 26 CORONAL MASS EJECTION
B. E. **Wood** and R. A. Howard
Astrophysical Journal, 702:901–910, **2009** September

Relation Between Type II Bursts and CMEs Inferred from STEREO Observations
Gopalswamy, N.; Thompson, W. T.; Davila, J. M.; Kaiser, M. L.; Yashiro, S.; M?kel?, P.; Michalek, G.; Bougeret, J.-L.; Howard, R. A.
E-print, July **2009**; Solar Phys. **File**

FIRST DETERMINATION OF THE TRUE MASS OF CORONAL MASS EJECTIONS: A NOVEL APPROACH TO USING THE TWO *STEREO* VIEWPOINTS
Robin C. **Colaninno**1 and Angelos Vourlidas2
Astrophysical Journal, 698:852–858, **2009, File**

First Measurements of the Mass of Coronal Mass Ejections from the EUV Dimming Observed with STEREO EUVI A+B Spacecraft
Markus J. **Aschwanden**, Nariaki V. Nitta, Jean-Pierre Wuelser, James R. Lemen, Anne Sandman, Angelos Vourlidas, Robin C. Colaninno
E-print, April **2009, File**, ApJ

28 Apr
Seeing The Solar Corona in Three Dimensions
Alberto Marcos **Vásquez**
2015
http://arxiv.org/pdf/1503.02238v1.pdf

29-30 Apr
Using an Ellipsoid Model to Track and Predict the Evolution and Propagation of Coronal Mass Ejections
S. **Schreiner**1 , C. Cattell1, K. Kersten1 and A. Hupach
Solar Phys., **2013**, Volume 288, Issue 1, pp 291-309

12 May 2008 – several E-limb eruptions

16 May

Statistical Analysis of Large-scale EUV Waves Observed by STEREO/EUVI
Nicole **Muhr**, Astrid Maria Veronig, Ines Waltraud Kienreich, Bojan Vrsnak, Manuela Temmer, Bianca Maria Bein
Solar Phys., **2014**
http://arxiv.org/pdf/1408.2513v1.pdf

17 May 2008

A Simple Technique for Identifying the Propagation Direction of CMEs in 3D Space
Y. I. **Egorov** & V. G. Fainshtein
Solar Physics volume 296, Article number: 161 (**2021**)
https://link.springer.com/content/pdf/10.1007/s11207-021-01904-3.pdf
https://doi.org/10.1007/s11207-021-01904-3

CORONAL MASS EJECTION PROPAGATION AND EXPANSION IN THREE-DIMENSIONAL SPACE IN THE HELIOSPHERE BASED ON STEREO/SECCHI OBSERVATIONS
Poomvises, W., Zhang, J., & Olmedo, O.
2010, ApJ, 717, L159, **File**

Reconstructing the 3D Morphology of the 17 May 2008 CME
B.E. **Wood** · R.A. Howard · A. Thernisien · S.P. Plunkett · D.G. Socker
Solar Phys (**2009**) 259: 163–178, **File**

Flare Energy Build-Up in a Decaying Active Region Near a Coronal Hole
Yingna **Su**1,2, Adriaan van Ballegooijen1, Brigitte Schmieder3, Arkadiusz Berlicki4,5,3, Yang Guo3, Leon Golub1,Guangli Huang2
E-print, Aug **2009, File**; ApJ

We used such a technique to model a CME from 2008 May 17 (Wood et al. 2009b).
Wood, B. E., Howard, R. A., Thernisien, A., Plunkett, S. P., & Socker, D. G. 2009b, Sol. Phys., in press

18 May
Error Estimation of Linear Polarization Data from Coronagraphs – Application to STEREO-A/SECCHI-COR1 Observations
Bernd **Inhester**, Marilena Mierla, Sergei Shestov & Andrei N. Zhukov
Solar Physics volume 296, Article number: 72 (**2021**)
https://link.springer.com/content/pdf/10.1007/s11207-021-01815-3.pdf
https://doi.org/10.1007/s11207-021-01815-3

19 May

Observational Evidence for Langmuir Wave Collapse in the Source Region of a Solar Type III Radio Burst
G. **Thejappa**1 and R. J. MacDowall2
2018 ApJ 862 75
http://iopscience.iop.org/article/10.3847/1538-4357/aaca3b/pdf

22 May 2008 - On May 22nd, NASA's STEREO-A spacecraft photographed another cartwheel CME even more dramatic than the one on April 9th. The movie is a must-see.

A Technique for Removing Background Features in SECCHI – EUVI He II 304 Å Filtergrams: Application to the Filament Eruption of 22 May 2008
G. Artzner, S. Gosain and B. Schmieder

Solar Phys., 262(2), 437-447, **2010**

Estimation of width and inclination of a filament sheet using He II 304 Å observations by STEREO/EUVI,
Gosain, S. and Schmieder, B.:
Ann. Geophys., 28, 149-153, **2010**.

3D evolution of a filament disappearance event observed by STEREO
S. **Gosain**1 · B. Schmieder2 · P. Venkatakrishnan1 · R. Chandra2 · G. Artzner
Solar Phys.**,** (**2009**) 259: 13–30, **File**

23 May
Fitting and Reconstruction of Thirteen Simple Coronal Mass Ejections
Nada **Al-Haddad**, Teresa Nieves-Chinchilla, Neel P. Savani, Noe Lugaz, Ilia I. Roussev
Solar Phys. **2018**
https://arxiv.org/pdf/1804.02359.pdf

Accuracy and Limitations of Fitting and Stereoscopic Methods to Determine the Direction of Coronal Mass Ejections from Heliospheric Imagers Observations
N. **Lugaz**
Solar Phys (**2010**) 267: 411–429; **File**

31 May
See
http://solar.gmu.edu/wiki/presentations/ISEST_2015_workshop/WG1_data/Nitta_stealthy_sun_earth_events.pdf

1-6 June
INFLUENCE OF THE AMBIENT SOLAR WIND FLOW ON THE PROPAGATION BEHAVIOR OF INTERPLANETARY CORONAL MASS EJECTIONS
Manuela **Temmer**1, Tanja Rollett1,2, Christian Möstl1,2, Astrid M. Veronig1, Bojan Vršnak3 and Dusan Odstrčil
2011 ApJ 743 101, **File**

1 June 2008

Investigating Remote-sensing Techniques to Reveal Stealth Coronal Mass Ejections
Erika **Palmerio**, Nariaki V. Nitta, Tamitha Mulligan, Marilena Mierla, Jennifer O'Kane, Ian G. Richardson, Suvadip Sinha, Nandita Srivastava, Stephanie L. Yardley, Andrei N. Zhukov
Frontiers in Astronomy and Space Sciences **2021**
https://arxiv.org/pdf/2106.07571.pdf

Connecting speeds, directions and arrival times of 22 coronal mass ejections from the Sun to 1 AU
C. **Möstl**, K. Amla, J. R. Hall, P. C. Liewer, E. M. De Jong, R. C. Colaninno, A. M. Veronig, T. Rollett, M. Temmer, V. Peinhart, J. A. Davies, N. Lugaz, Y. D. Liu, C.J. Farrugia, J. G. Luhmann, B. Vršnak, R. A. Harrison, A. B. Galvin
ApJ, **2014**
http://arxiv.org/pdf/1404.3579v1.pdf

Propagation of Interplanetary Coronal Mass Ejections: The Drag-Based Model
B. **Vršnak**, T. Žic, D. Vrbanec, M. Temmer, T. Rollett, C. Möstl, A. Veronig, J. Čalogović, M. Dumbović and S. Lulić, et al.
Solar Physics, July **2013**, Volume 285, Issue 1-2, pp 295-315, **File**

Analysis and study of the in situ observation of the June 1st 2008 CME by STEREO

T. **Nieves-Chinchilla**a, b, , , R. Gómez-Herreroc, A.F. Viñasb, O. Malandrakid, N. Dresingc, M.A. Hidalgoe, A. Opitzf, J.-A. Sauvaudf, B. Lavraudf and J.M. Davilab
Journal of Atmospheric and Solar-Terrestrial Physics, Volume 73, Issues 11-12, **2011**, Pages 1348-1360

On the influence of CMEs on the global 3-D coronal electron density
M. **Kramar**1,2, J. Davila2, H. Xie1,2, and S. Antiochos
Ann. Geophys., 29, 1019-1028, **2011, File**

Sun to 1 AU propagation and evolution of a slow streamer-blowout coronal mass ejection
Lynch, B. J.; Li, Y.; Thernisien, A. F. R.; Robbrecht, E.; Fisher, G. H.; Luhmann, J. G.; Vourlidas, A.
J. Geophys. Res., Vol. 115, No. A7, A07106, **2010; File**
http://dx.doi.org/10.1029/2009JA015099

1-2 June

Exploring the Origin of Stealth Coronal Mass Ejections with Magnetofrictional Simulations
P. **Bhowmik**, A. R. Yeates & O. E. K. Rice
Solar Physics volume 297, Article number: 41 (**2022**)
https://link.springer.com/content/pdf/10.1007/s11207-022-01974-x.pdf

Understanding the Origins of Problem Geomagnetic Storms Associated With "Stealth" Coronal Mass Ejections
Nariaki V. **Nitta**, Tamitha Mulligan, Emilia K. J. Kilpua, Benjamin J. Lynch, Marilena Mierla, Jennifer O'Kane, Paolo Pagano, Erika Palmerio, Jens Pomoell, Ian G. Richardson, Luciano Rodriguez, Alexis P. Rouillard, Suvadip Sinha, Nandita Srivastava, Dana-Camelia Talpeanu, Stephanie L. Yardley, Andrei N. Zhukov
Space Science Reviews **2021**
https://arxiv.org/pdf/2110.08408.pdf **File**

A model for stealth coronal mass ejections†
B. J. **Lynch**, S. Masson, Y. Li, C. R. DeVore, J. G. Luhmann, S. K. Antiochos, G. H. Fisher
JGR **2016**

1-6 June
Constraining the Kinematics of Coronal Mass Ejections in the Inner Heliosphere with In-Situ Signatures
T. **Rollett**, C. Möstl, M. Temmer, A. M. Veronig, C. J. Farrugia and H. K. Biernat
Solar Physics, Volume 276, Numbers 1-2, 293-314, **2012**

2 June 2008

Exploring the Origin of Stealth Coronal Mass Ejections with Magnetofrictional Simulations
P. **Bhowmik**, A. R. Yeates & O. E. K. Rice
Solar Physics volume 297, Article number: 41 (**2022**)
https://link.springer.com/content/pdf/10.1007/s11207-022-01974-x.pdf

The Solar Stormwatch CME catalogue: Results from the first space weather citizen science project
L. **Barnard**, C. Scott, M. Owens, M. Lockwood, K. Tucker-Hood, S. Thomas, S. Crothers, J. A. Davies, R. Harrison, C. Lintott, R. Simpson, J. O'Donnell, A. M. Smith, N. Waterson, S. Bamford, F. Romeo, M. Kukula, B. Owens, N. Savani, J. Wilkinson, E. Baeten, L. Poeffel and B. Harder
Space Weather, **2015, File**

Connecting speeds, directions and arrival times of 22 coronal mass ejections from the Sun to 1 AU
C. **Möstl**, K. Amla, J. R. Hall, P. C. Liewer, E. M. De Jong, R. C. Colaninno, A. M. Veronig, T. Rollett, M. Temmer, V. Peinhart, J. A. Davies, N. Lugaz, Y. D. Liu, C.J. Farrugia, J. G. Luhmann, B. Vršnak, R. A. Harrison, A. B. Galvin
ApJ, **2014**
http://arxiv.org/pdf/1404.3579v1.pdf

Three-Dimensional Evolution of Flux-Rope CMEs and Its Relation to the Local Orientation of the Heliospheric Current Sheet
A. **Isavnin**, A. Vourlidas, E. K. J. Kilpua
Solar Phys., **2014, File**

Relating white light and in situ observations of coronal mass ejections: A review
A.P. **Rouillard**
Journal of Atmospheric and Solar-Terrestrial Physics, Volume 73, Issue 10, **2011**, Pages 1201-1213, **File**

Accuracy and Limitations of Fitting and Stereoscopic Methods to Determine the Direction of Coronal Mass Ejections from Heliospheric Imagers Observations
N. **Lugaz**
Solar Phys (**2010**) 267: 411–429; **File**

THREE-DIMENSIONAL RECONSTRUCTIONS AND MASS DETERMINATION OF THE 2008 JUNE 2 LASCO CORONAL MASS EJECTION USING STELab INTERPLANETARY SCINTILLATION OBSERVATIONS
M. M. **Bisi**1, B. V. Jackson1, P. P. Hick1,3, A. Buffington1, J. M. Clover1, M. Tokumaru2, and K. Fujiki2
Astrophysical Journal Letters, 715:L104–L108, **2010** June

DETERMINING THE AZIMUTHAL PROPERTIES OF CORONAL MASS EJECTIONS FROM MULTI-SPACECRAFT REMOTE-SENSING OBSERVATIONS WITH *STEREO* SECCHI
N. **Lugaz**1, J. N. Hernandez-Charpak2, I. I. Roussev1, C. J. Davis3, A. Vourlidas4, and J. A. Davies3
Astrophysical Journal, 715:493–499, **2010** May; **File**

NO TRACE LEFT BEHIND:
STEREO OBSERVATION OF A CORONAL MASS EJECTION WITHOUT LOW CORONAL SIGNATURES
Eva **Robbrecht**1, Spiros Patsourakos1 and Angelos Vourlidas2
ApJ, **2009, File**

3 June 2008

Models and data analysis tools for the Solar Orbiter mission
A. Rouillard et al. (MADAWG team)
A&A **2019**
https://www.aanda.org/articles/aa/pdf/forth/aa35305-19.pdf

New approach to unveil the shape of interplanetary structures
M. **Janvier**, P. Demoulin, S. Dasso
New UKSP Nugget: 45, March **2014**.
http://www.uksolphys.org/uksp-nugget/45-a-new-approach-to-unveil-the-shape-of-interplanetary-structures/

Global axis shape of magnetic clouds deduced from the distribution of their local axis orientation
Janvier M., Demoulin P., Dasso S.
E-print, May **2013**, A&**A 556, A50 (2013)**

6 June 2008

Effect of the Initial Shape of Coronal Mass Ejections on 3-D MHD Simulations and Geoeffectiveness Predictions

C. **Scolini** C. Verbeke S. Poedts E. Chané J. Pomoell F. P. Zuccarello

Space Weather Volume16, Issue6 June **2018** Pages 754-771

http://sci-hub.tw/https://onlinelibrary.wiley.com/doi/abs/10.1029/2018SW001806

6-7 June

Comparison of Cylindrical Interplanetary Flux-Rope Model Fitting with Different Boundary Pitch-Angle Treatments

N. **Nishimura**, K. Marubashi, M. Tokumaru

Solar Physics April **2019**, 294:49

https://link.springer.com/content/pdf/10.1007%2Fs11207-019-1435-5.pdf

The Grad-Shafranov Reconstruction of Toroidal Magnetic Flux Ropes: First Applications

Qiang **Hu**, M. G. Linton, B. E. Wood, P. Riley, T. Nieves-Chinchilla

Solar Phys. **2017**

https://arxiv.org/pdf/1707.09454.pdf

Linking remote imagery of a coronal mass ejection to its in situ signatures at 1 AU

Christian **Möstl**, Charles J. Farrugia, Manuela Temmer, Christiane Miklenic, Astrid M. Veronig, Antoinette B. Galvin, Martin Leitner, Helfried K. Biernat

E-print, Oct **2009**

16 June 2008

Association of 3He-Rich Solar Energetic Particles with Large-Scale Coronal Waves

Radoslav **Bucik**, Davina E. Innes, Glenn M. Mason, Mark E. Wiedenbeck

2016

http://arxiv.org/pdf/1609.05346v1.pdf

SOLAR ENERGETIC PARTICLE 3He-RICH EVENTS FROM THE NEARLY QUIET SUN IN 2007–2008

G. M. **Mason**1, N. V. Nitta2, C. M. S. Cohen3, and M. E. Wiedenbeck4

Astrophysical Journal, 700:L56–L59, **2009**

20 June

TEMPERATURE DISTRIBUTION OF A NON-FLARING ACTIVE REGION FROM SIMULTANEOUS *HINODE* XRT AND EIS OBSERVATIONS

Paola **Testa**1, Fabio Reale2,3, Enrico Landi4, Edward E. DeLuca1, and Vinay Kashyap1

Astrophysical Journal, 728:30 (12pp), **2011**

20 Jun-31 Jul

Fine Structures of the Inner Solar Corona and the Associated Magnetic Topology

Yuan-Kuen **Ko**1, Guillermo Stenborg2,3, Jon Linker4, Micah J. Weberg5,6, Roberto Lionello4, and Viacheslav Titov4

2022 ApJ 933 95

https://iopscience.iop.org/article/10.3847/1538-4357/ac722c/pdf

22 June-3 July

Characteristics of polar coronal hole jets⋆

K. **Chandrashekhar**1, A. Bemporad2, D. Banerjee1, G. R. Gupta3 and L. Teriaca

A&A 561, A104 (**2014**)

25 Jun

Fine Structures of the Inner Solar Corona and the Associated Magnetic Topology
Yuan-Kuen **Ko**1, Guillermo Stenborg2,3, Jon Linker4, Micah J. Weberg5,6, Roberto Lionello4, and Viacheslav Titov4
2022 ApJ 933 95
https://iopscience.iop.org/article/10.3847/1538-4357/ac722c/pdf

1 July
Characteristics of polar coronal hole jets⋆
K. **Chandrashekhar**1, A. Bemporad2, D. Banerjee1, G. R. Gupta3 and L. Teriaca
A&A 561, A104 (**2014**)

1 July to 11 August 2008
Data-driven modeling of the solar wind from 1 Rs to 1 AU
Xueshang **Feng**, Xiaopeng Ma, Changqing Xiang
JGR **2016**

7July
Three-Dimensional Evolution of Flux-Rope CMEs and Its Relation to the Local Orientation of the Heliospheric Current Sheet
A. **Isavnin**, A. Vourlidas, E. K. J. Kilpua
Solar Phys., **2014, File**

8 July
Accuracy and Limitations of Fitting and Stereoscopic Methods to Determine the Direction of Coronal Mass Ejections from Heliospheric Imagers Observations
N. **Lugaz**
Solar Phys (**2010**) 267: 411–429; **File**

19-23 July
THERMAL PROPERTIES OF A SOLAR CORONAL CAVITY OBSERVED WITH THE X-RAY TELESCOPE ON HINODE
Katharine K. **Reeves**1, Sarah E. Gibson2, Therese A. Kucera3, Hugh S. Hudson4,5 and Ryouhei Kano
2012 ApJ 746 146

20 July
Statistical Analysis of Large-scale EUV Waves Observed by STEREO/EUVI
Nicole **Muhr**, Astrid Maria Veronig, Ines Waltraud Kienreich, Bojan Vrsnak, Manuela Temmer, Bianca Maria Bein
Solar Phys., **2014**
http://arxiv.org/pdf/1408.2513v1.pdf

21 July
Statistical Analysis of Large-scale EUV Waves Observed by STEREO/EUVI
Nicole **Muhr**, Astrid Maria Veronig, Ines Waltraud Kienreich, Bojan Vrsnak, Manuela Temmer, Bianca Maria Bein
Solar Phys., **2014**
http://arxiv.org/pdf/1408.2513v1.pdf

25 July-14 Aug
Long-Term Tracking of Corotating Density Structures using Heliospheric Imaging
I. **Plotnikov**, A.P. Rouilllard, J.A. Davies, V. Bothmer, J.P. Eastwood, P. Gallagher, R.A. Harrison, E. Kilpua, C. Möstl, C.H. Perry, L. Rodriguez, B. Lavraud, V. Génot, R.F. Pinto, E. Sanchez-Diaz
Solar Phys. **2016**
http://arxiv.org/pdf/1606.01127v1.pdf

1 August

Validation scheme for solar coronal models -- constraints from multi-perspective observations in EUV and white-light
A. **Wagner**. E. Asvestari, M. Temmer, S.G. Heinemann, J. Pomoell
A&A **2021**
https://arxiv.org/pdf/2110.01893.pdf

Validation of MHD Model Predictions of the Corona with LASCO-C2 Polarized Brightness Images
Philippe **Lamy**, Olivier Floyd, Zoran Mikić, Pete Riley
Solar Physics October **2019**, 294:162
https://doi.org/10.1007/s11207-019-1549-9

Electron temperature maps of the low solar corona: ISCORE results from the total solar eclipse of 1 August 2008 in China
Nelson L. **Reginald**, Joseph M. Davila, Orville C. St. Cyr, Douglas M. Rabin
JGR Volume 122, Issue 6 June **2017** Pages 5856–5869

Multi-Wavelength Eclipse Observations of a Quiescent Prominence
S. **Jejčič**, P. Heinzel, M. Zapiór, M. Druckmüller, S. Gunár, P. Kotrč
Solar Physics, July **2014**, Volume 289, Issue 7, pp 2487-2501

RADIO OBSERVATIONS OF THE SOLAR CORONA DURING AN ECLIPSE
C. **Kathiravan**, R. Ramesh, Indrajit V. Barve, and M. Rajalingam
Astrophysical Journal, 730:91 (4pp), **2011**

7 Aug

High-resolution imaging spectroscopy of two micro-pores and an arch filament system in a small emerging-flux region
S. J. González **Manrique**1,2, N. Bello González3 and C. Denker
A&A 600, A38 (**2017**)

Observational Tracking of the 2D Structure of Coronal Mass Ejections Between the Sun and 1 AU
N. P. **Savani**, J. A. Davies, C. J. Davis, D. Shiota, A. P. Rouillard, M. J. Owens, K. Kusano, V. Bothmer, S. P. Bamford and C. J. Lintott, et al.
Solar Physics, Volume 279, Number 2 (**2012**), 517-53
http://arxiv.org/pdf/1503.08774v1.pdf

22 August

On the properties of slow mhd sausage waves within small-scale photospheric magnetic structures
N. **Freij**, I. Dorotovic, R. J. Morton, M. S. Ruderman, V. Karlovsky, R. Erdekyi
ApJ **2015**
http://arxiv.org/pdf/1509.08680v1.pdf

29 Aug

Short term topological changes of coronal holes associated with prominence eruptions and subsequent CMEs
H. **Gutiérrez**, L. Taliashvili, Z. Mouradian
Advances in Space Research, Volume 51, Issue 10, **2013**, pp. 1824-1833
sci-hub.se/10.1016/j.asr.2012.03.008

30 August

Three-Dimensional Evolution of Flux-Rope CMEs and Its Relation to the Local Orientation of the Heliospheric Current Sheet
A. **Isavnin**, A. Vourlidas, E. K. J. Kilpua
Solar Phys., **2014, File**

Accuracy and Limitations of Fitting and Stereoscopic Methods to Determine the Direction of Coronal Mass Ejections from Heliospheric Imagers Observations
N. **Lugaz**
Solar Phys (**2010**) 267: 411–429; **File**

DETERMINING THE AZIMUTHAL PROPERTIES OF CORONAL MASS EJECTIONS FROM MULTI-SPACECRAFT REMOTE-SENSING OBSERVATIONS WITH *STEREO* SECCHI
N. **Lugaz**1, J. N. Hernandez-Charpak2, I. I. Roussev1, C. J. Davis3, A. Vourlidas4, and J. A. Davies3
Astrophysical Journal, 715:493–499, **2010** May; **File**

3-4 Sept

Analysis of the substructure within a complex magnetic cloud on 3–4 September 2008
K.A. **Andréeová**, E.K. Kilpua, H.H. Hietala, H.E.K. Koskinen, A.I. Isavnin, and R.V. Vainio
Ann. Geophys., 31, 555-562, **2013**
http://www.ann-geophys.net/31/555/2013/

8 September

SHORT-TERM EVOLUTION OF CORONAL HOLE BOUNDARIES
Larisza D. **Krista**, Peter T. Gallagher and D. Shaun Bloomfield
2011 ApJ 731 L26
http://arxiv.org/pdf/1103.2660v1.pdf

12 September

Kinematic Properties of Slow ICMEs and an Interpretation of a Modified Drag Equation for Fast and Moderate ICMEs
T. **Iju**, M. Tokumaru, K. Fujiki
Solar Physics, June **2014**, Volume 289, Issue 6, pp 2157-2175
http://arxiv.org/pdf/1401.1724v1.pdf

12-19 September

Webb_ISEST (International Study for Earth-Affecting Solar Transients) _MM WG4 Campaign Events_2014, File
See http://solar.gmu.edu/heliophysics/index.php/The_ISEST_Event_List
http://solar.gmu.edu/heliophysics/index.php/The_ISEST_ICME%5CCME_Lists

Deflected propagation of a coronal mass ejection from the corona to interplanetary space
Yuming **Wang**, Boyi Wang, Chenglong Shen, Fang Shen, Noe Lugaz
JGR, **2014**
http://arxiv.org/pdf/1406.4684v1.pdf

17-18 September

http://solar.gmu.edu/heliophysics/index.php/The_ISEST_Event_List

Satistical Study of the Interplanetary Coronal Mass Ejections from 1996 to 2014
Yutian **Chi**, Chenglong Shen, Yuming Wang, Pinzhong Ye, S. Wang
2015
http://arxiv.org/pdf/1504.07849v1.pdf

ICME Catalogue http://space.ustc.edu.cn/dreams/wind_icmes/

22 Sept

Observed Aspects of Reconnection in Solar Eruptions

Ronald L. **Moore** · Alphonse C. Sterling · G. Allen Gary · JonathanW. Cirtain · David A. Falconer

Space Sci Rev., **2011, File**

26 September

Relationship between supergranulation flows, magnetic cancellation and network flares

R. **Attie**1, D. E. Innes1, S. K. Solanki1,2 and K. H. Glassmeier

A&A 596, A15 (**2016**)

https://arxiv.org/pdf/1705.10389.pdf

29 September

The magnetic Rayleigh–Taylor instability in solar prominences **Review**

Andrew **Hillier**

Reviews of Modern Plasma Physics December **2018**, 2:1

https://link.springer.com/content/pdf/10.1007%2Fs41614-017-0013-2.pdf

1 Oct

Statistical Analysis of Large-scale EUV Waves Observed by STEREO/EUVI

Nicole **Muhr**, Astrid Maria Veronig, Ines Waltraud Kienreich, Bojan Vrsnak, Manuela Temmer, Bianca Maria Bein

Solar Phys., **2014**

http://arxiv.org/pdf/1408.2513v1.pdf

8-13 Oct

Solar Wind Drag and the Kinematics of Interplanetary Coronal Mass Ejections

Shane A. **Maloney** and Peter T. Gallagher

E-print, Oct **2010**; ApJL 724:L127–L132, **2010**, **File**

15 Oct

A novel approach to identify resonant MHD wave modes in solar pores and sunspot umbrae: B−ω analysis

M. **Stangalini**, D. B. Jess, G. Verth, V. Fedun, B. Fleck, S. Jafarzadeh, P. H. Keys, M. Murabito, D. Calchetti, A. A. Aldhafeeri, F. Berrilli, D. Del Moro, S. M. Jefferies, J. Terradas, R. Soler

A&A **2021**

https://arxiv.org/pdf/2103.11639.pdf

Chromospheric heating by acoustic waves compared to radiative cooling

M. **Sobotka**, P. Heinzel, M. Švanda, J. Jurčák, D. del Moro, F. Berrilli

ApJ **2016**

http://arxiv.org/pdf/1605.04794v1.pdf

17 Oct

Geometric Localization of CMEs in 3D Space Using STEREO Beacon Data: First Results

Curt A. **de Koning** · V.J. Pizzo · D.A. Biesecker

Solar Phys (2009) 256: 167–181, DOI 10.1007/s11207-009-9344-7, **2009, File**

STEREO SCIENCE RESULTS AT SOLAR MINIMUM

1 Nov

Active-Region Tilt Angles from White-Light Images and Magnetograms: The Role of Magnetic Tongues

M. **Poisson**, P. Démoulin, C.H. Mandrini, M.C. López Fuentes

ApJ **2020**

https://arxiv.org/pdf/2004.07345.pdf

1-2 Nov 2008 Эрупция двух приполярных волокон с поглощением на 304 А. STEREO

STEREO observations of interplanetary coronal mass ejections and prominence deflection during solar minimum period

E. K. J. **Kilpua**[1], J. Pomoell[1], A. Vourlidas[3], R. Vainio[1], J. Luhmann[2], Y. Li[2], P. Schroeder[2], A. B. Galvin[4], and K. Simunac

Ann. Geophys., 27, 4491-4503, **2009**, **File**

www.ann-geophys.net/27/4491/2009/

2 Nov

The Physical Processes of CME/ICME Evolution **Review**

Ward **Manchester** IV, Emilia K. J. Kilpua, Ying D. Liu, Noé Lugaz, Pete Riley, Tibor Török, Bojan Vršnak

Space Science Reviews **2017**

https://link.springer.com/content/pdf/10.1007%2Fs11214-017-0394-0.pdf

Origins of Rolling, Twisting and Non-Radial Propagation of Eruptive Solar Events

Olga **Panasenco**, Sara F. Martin, Marco Velli, Angelos Vourlidas

E-print, Dec **2012**; Solar Phys., **2013**, Volume 287, Issue 1-2, pp 391-413

2-3 Nov

Narrowband frequency-drift structures in solar type IV bursts

Yukio **Nishimura**1, Takayuki Ono1, Fuminori Tsuchiya2, Hiroaki Misawa2, Atsushi Kumamoto1, Yuto Katoh1, Satoshi Masuda3, and Yoshizumi Miyoshi3

Earth Planets Space, **65**, 1555–1562, **2013, File**

2-8 Nov

Could the collision of CMEs in the heliosphere be super-elastic? --- Validation through three-dimensional simulations

Fang **Shen**, Chenglong Shen, Yuming Wang, Xueshang Feng, Changqing Xiang

Geophys. Res. Lett., 40, 1457-1461, **2013**

http://arxiv.org/pdf/1412.7374v1.pdf

3 Nov

Earth-affecting Solar Transients: A Review of Progresses in Solar Cycle 24

Jie **Zhang**, Manuela Temmer, Nat Gopalswamy, Olga Malandraki, Nariaki V. Nitta, Spiros Patsourakos, Fang Shen, Bojan Vršnak, Yuming Wang, David Webb, Mihir I. Desai, Karin Dissauer, Nina Dresing, Mateja Dumbović, Xueshang Feng, Stephan G. Heinemann, Monica Laurenza, Noé Lugaz, Bin Zhuang

https://arxiv.org/ftp/arxiv/papers/2012/2012.06116.pdf **File 2021**

2020 https://arxiv.org/abs/2012.06116

!!! **4 Nov** 03:17 C1.0 N37W47 **Хорошее событие для анализа STEREO-A,B + SOHO**

Заметная эрупция, корональная волна и/или распространяющееся поглощение.

Лучше всего наблюдалась на STEREO-A.

Подробные данные через 1,5 мин на 171 А.

На 304 А распространяющийся “dimming” или поглощение.

CME “отклоняется” к экватору.

Разностные фильмы SOHO-195 A see Events.

См. фильмы STEREO (в том числе разностные) на
http://www.lmsal.com/nitta/movies/flares_euvi/

Impulsive Solar Energetic Particle Events: EUV Waves and Jets MINI **REVIEW**
R. **Bucik**
Front. Astron. Space Sci. 9? 807961 **2021**
https://doi.org/10.3389/fspas.2021.807961
https://arxiv.org/abs/2112.14282

Association of 3He-Rich Solar Energetic Particles with Large-Scale Coronal Waves
Radoslav **Bucik**, Davina E. Innes, Glenn M. Mason, Mark E. Wiedenbeck
2016
http://arxiv.org/pdf/1609.05346v1.pdf

Super-elastic collision of large-scale magnetized plasmoids in the heliosphere
Chenglong **Shen**1, YumingWang1*, ShuiWang1, Ying Liu2,3, Rui Liu1, Angelos Vourlidas4, Bin Miao1,
Pinzhong Ye1, Jiajia Liu1 and Zhenjun Zhou1
2012, Nature Phys., 8, 923
http://sprg.ssl.berkeley.edu/~liuxying/pubs/2012_nphys_shen.pdf

IMPULSIVE ACCELERATION OF CORONAL MASS EJECTIONS. II. RELATION TO SOFT X-RAY FLARES AND FILAMENT ERUPTIONS
B. M. Bein1, S. Berkebile-Stoiser1, A. M. Veronig1, M. Temmer1, and B. Vršnak
2012 ApJ 755 44, File

SOLAR ENERGETIC PARTICLE 3He-RICH EVENTS FROM THE NEARLY QUIET SUN IN 2007–2008
G. M. **Mason**1, N. V. Nitta2, C. M. S. Cohen3, and M. E. Wiedenbeck4
Astrophysical Journal, 700:L56–L59, **2009**

6 Nov

Impulsive acceleration of coronal mass ejections: I. Statistics and CME source region characteristics
B. M. **Bein**, S. Berkebile-Stoiser, A. M. Veronig, M. Temmer, N. Muhr, I. Kienreich, D. Utz
E-print, 5 Aug, 2011**; 2011** ApJ 738 191**, File**

7 Nov

Grad–Shafranov Reconstruction of Magnetic Clouds: Overview and Improvements
A. **Isavnin**, E. K. J. Kilpua and H. E. J. Koskinen
Solar Physics, Volume 273, Number 1, 205-219, **2011,**

Grad-Shafranov reconstruction of magnetic clouds: overview and improvements
Alexey **Isavnin**, Emilia K.J. Kilpua, Hannu E.J. Koskinen
E-print, 9 Aug **2011, File**

8 Nov

LARGE-SCALE FLOWS IN PROMINENCE CAVITIES
D. J. **Schmit**, S. E. Gibson2, S. Tomczyk2, K. K. Reeves3, Alphonse C. Sterling4,9, D. H. Brooks5, D. R. Williams6, and D. Tripathi
Astrophysical Journal, 700:L96–L98, **2009** August

16-17… Nov

The Solar Mass Ejection Imager and Its Heliospheric Imaging Legacy **Review**
T. A. **Howard**, M. M. Bisi, A. Buffington, J. M. Clover, M. P. Cooke, C. J. Eyles, P. P. Hick, P. E. Holladay, B. V. Jackson, J. C. Johnston, S.W. Kahler · T.A. Kuchar · D.R. Mizuno · A.J. Penny · S.D. Price · R.R. Radick · G.M. Simnett · S.J. Tappin, N.R. Waltham · D.F. Webb
Space Science Reviews, **2013**,

Observations of ICMEs and ICME-like Solar Wind Structures from 2007 – 2010 Using Near-Earth and STEREO Observations
E. K. J. **Kilpua**, L. K. Jian, Y. Li, J. G. Luhmann, C. T. Russell
Solar Physics, November **2012**, Volume 281, Issue 1, pp 391-409, **File**

20 Nov – 17 Dec
A GLOBAL TWO-TEMPERATURE CORONA AND INNER HELIOSPHERE MODEL: A COMPREHENSIVE VALIDATION STUDY
M. **Jin**1, W. B. Manchester1, B. van der Holst1, J. R. Gruesbeck1, R. A. Frazin1, E. Landi1, A. M. Vasquez2, P. L. Lamy3, A. Llebaria3, A. Fedorov3, G. Toth1 and T. I. Gombosi
2012 ApJ 745 6

29 Nov
Pseudostreamers as the source of a separate class of solar coronal mass ejections,
Wang, Y-M.
(**2015**), Astrophys. J. Lett., 803. L12.
http://iopscience.iop.org/article/10.1088/2041-8205/803/1/L12/pdf

Dec
Establishing a Stereoscopic Technique for Determining the Kinematic Properties of Solar Wind Transients based on a Generalized Self-similarly Expanding Circular Geometry
J. A. **Davies**1, C. H. Perry1, R. M. G. M. Trines2,3, R. A. Harrison1, N. Lugaz4, C. Möstl5,6,7, Y. D. Liu8, and K. Steed
2013 ApJ 777 167

3 Dec
Using an Ellipsoid Model to Track and Predict the Evolution and Propagation of Coronal Mass Ejections
S. **Schreiner**1 , C. Cattell1, K. Kersten1 and A. Hupach
Solar Phys., **2013**, Volume 288, Issue 1, pp 291-309

4-5 Dec
Association of calcium network bright points with underneath photospheric magnetic patches
Nancy **Narang**, Dipankar Banerjee, Kalugodu Chandrashekhar, Vaibhav Pant
Solar Phys. **2019**
https://arxiv.org/pdf/1902.03764.pdf

8 Dec
Automated Solar Feature Detection for Space Weather Applications **A Review**
David **Perez-Suarez**, Paul A. Higgins, D. Shaun Bloomfield, R.T. James McAteer, Larisza D. Krista, Jason P. Byrne, Peter. T. Gallagher
E-print, Oct **2011**
Book chapter in -Applied Signal and Image Processing: Multidisciplinary Advancements- (ed. Rami Qahwaji, Roger Green and Evor L. Hines) pp. 207-225, 2011
http://arxiv.org/pdf/1109.6922v2.pdf

9 Dec

Characteristics of Nanoflare Heating in a Coronal Bright Point
Michael **Hahn**1, Brandon Ho2, and Daniel Wolf Savin1
2022 ApJ 936 113
https://iopscience.iop.org/article/10.3847/1538-4357/ac897f/pdf

12 Dec

Coronal Mass Ejection Image Edge Detection In Heliospheric Imager STEREO SECCHI Data
Marc **Nichitiu**
2022
https://arxiv.org/pdf/2202.07678.pdf

A Simple Technique for Identifying the Propagation Direction of CMEs in 3D Space
Y. I. **Egorov** & V. G. Fainshtein
Solar Physics volume 296, Article number: 161 (**2021**)
https://link.springer.com/content/pdf/10.1007/s11207-021-01904-3.pdf
https://doi.org/10.1007/s11207-021-01904-3

Space weather: the solar perspective -- an update to Schwenn (2006) **Review**
Manuela **Temmer**
Living Reviews in Solar Physics **2021**
https://arxiv.org/pdf/2104.04261.pdf

CME arrival prediction using ensemble modeling based on heliospheric imaging observations
Tanja **Amerstorfer**, Jürgen Hinterreiter, Martin A. Reiss, Christian Möstl, Jackie A. Davies, Rachel L. Bailey, Andreas J. Weiss, Mateja Dumbović, Maike Bauer, Ute V. Amerstorfer, Richard A. Harrison
Space Weather **2020**
https://arxiv.org/pdf/2008.02576.pdf

Remote Sensing Estimates of CME Density in the Ecliptic Using the STEREO Heliospheric Imagers
David **Barnes**
JGR Volume125, Issue2 February **2020** e2019JA027175
https://agupubs.onlinelibrary.wiley.com/doi/epdf/10.1029/2019JA027175

Three-dimensional MHD simulation of the 2008 December 12 coronal mass ejection: from the Sun to Interplanetary space A33
Man **Zhang**, Xue Shang Feng and Li Ping Yang
J. Space Weather Space Clim. **2019**, 9, A33
https://www.swsc-journal.org/articles/swsc/pdf/2019/01/swsc180068.pdf

Using Ghost fronts within STEREO Heliospheric Imager data to infer the evolution in longitudinal structure of a Coronal Mass Ejection
C.J. **Scott** , M.J. Owens, C.A. de Koning, L.A. Barnard, S.R. Jones, J. Wilkinson
Space Weather **2019**
sci-hub.se/10.1029/2018SW002093

Образование и распространение плазменных потоков корональных выбросов массы в солнечной короне и гелиосфере **Review**
В. А. **Слемзин**1, Ф. Ф. Горяев1, Д. Г. Родькин1, Ю. С. Шугай2, С. В. Кузин1
2018 **File**

Modeling the thermodynamic evolution of Coronal Mass Ejections (CMEs) using their kinematics
Wageesh **Mishra**, Yuming Wang
ApJ **2018**

The Physical Processes of CME/ICME Evolution **Review**
Ward **Manchester** IV, Emilia K. J. Kilpua, Ying D. Liu, Noé Lugaz, Pete Riley, Tibor Török, Bojan Vršnak
Space Science Reviews **2017**
https://link.springer.com/content/pdf/10.1007%2Fs11214-017-0394-0.pdf

A STEREO Survey of Magnetic Cloud Coronal Mass Ejections Observed at Earth in 2008--2012
Brian E. **Wood**, Chin-Chun Wu, Ronald P. Lepping, Teresa Nieves-Chinchilla, Russell A. Howard, Mark G. Linton, Dennis G. Socker
Astrophysical Journal Supplement **2017 File**
https://arxiv.org/pdf/1701.01682v1.pdf

Evolution and Consequences of Coronal Mass Ejections in the Heliosphere
Wageesh **Mishra**
The **thesis** was submitted in Mar **2015** to MLS university, Udaipur, for which the university granted the degree in Jan 2016
https://arxiv.org/pdf/2204.09879.pdf

Regarding the detectability and measurement of coronal mass ejections **Review**
Timothy A. **Howard**
J. Space Weather Space Clim., 5, A22 **(2015) File**
http://www.swsc-journal.org/articles/swsc/pdf/2015/01/swsc140065.pdf

Constraining the Mass and the Non-Radial Drag Coefficient of a Solar Coronal Mass Ejection
C. **Kay**, L. F. G. dos Santos, M. Opher
ApJ Letters **801** L21 **2015**
http://arxiv.org/pdf/1503.00664v1.pdf

The Formation and Launch of a Coronal Mass Ejection Flux Rope: A Narrative Based on Observations
T. A. **Howard** and C. E. DeForest
2014 ApJ 796 33

Connecting speeds, directions and arrival times of 22 coronal mass ejections from the Sun to 1 AU
C. **Möstl**, K. Amla, J. R. Hall, P. C. Liewer, E. M. De Jong, R. C. Colaninno, A. M. Veronig, T. Rollett, M. Temmer, V. Peinhart, J. A. Davies, N. Lugaz, Y. D. Liu, C.J. Farrugia, J. G. Luhmann, B. Vršnak, R. A. Harrison, A. B. Galvin
ApJ, **2014**
http://arxiv.org/pdf/1404.3579v1.pdf

Three-Dimensional Evolution of Flux-Rope CMEs and Its Relation to the Local Orientation of the Heliospheric Current Sheet
A. **Isavnin**, A. Vourlidas, E. K. J. Kilpua
Solar Phys., **2014, File**

Short term topological changes of coronal holes associated with prominence eruptions and subsequent CMEs
H. **Gutiérrez**, L. Taliashvili, Z. Mouradian
Advances in Space Research, Volume 51, Issue 10, **2013**, pp. 1824-1833
sci-hub.se/10.1016/j.asr.2012.03.008

Origins of Rolling, Twisting and Non-Radial Propagation of Eruptive Solar Events
Olga **Panasenco**, Sara F. Martin, Marco Velli, Angelos Vourlidas
E-print, Dec **2012**; Solar Phys., **2013**, Volume 287, Issue 1-2, pp 391-413

Evolution of interplanetary coronal mass ejections and magnetic clouds in the heliosphere Review
Demoulin, P.
E-print, Sept **2013, File**; IAU S300 proceedings

Propagation of Interplanetary Coronal Mass Ejections: The Drag-Based Model
B. **Vršnak**, T. Žic, D. Vrbanec, M. Temmer, T. Rollett, C. Möstl, A. Veronig, J. Čalogović, M. Dumbović and S. Lulić, et al.
Solar Physics, July **2013**, Volume 285, Issue 1-2, pp 295-315, **File**

TRACKING CORONAL FEATURES FROM THE LOW CORONA TO EARTH: A QUANTITATIVE ANALYSIS OF THE 2008 DECEMBER 12 CORONAL MASS EJECTION
C. E. **DeForest**1, T. A. Howard1, and D. J. McComas
2013 ApJ 769 43, **File**

Using an Ellipsoid Model to Track and Predict the Evolution and Propagation of Coronal Mass Ejections
S. **Schreiner**1 , C. Cattell1, K. Kersten1 and A. Hupach
Solar Phys., **2012**, doi 10.1007/s11207-012-9936-5

Coronal Mass Ejection Mass, Energy, and Force Estimates Using STEREO
Eoin P. **Carley**, R.T. James McAteer, Peter T. Gallagher
E-print, Apr **2012**, **2012** ApJ 752 36, **File**

The Kinematics and Morphology of Solar Coronal Mass Ejections Review
J. P. **Byrne**
A thesis, **2012, File**

Rolling motion in erupting prominences observed by STEREO
Olga **Panasenco**, , , Sara Martina, Anand D. Joshib and Nandita Srivastava
Journal of Atmospheric and Solar-Terrestrial Physics
Volume 73, Issue 10, 20 June **2011**, Pages 1129-1137, **File**

CORONAL MASS EJECTION PROPAGATION AND EXPANSION IN THREE-DIMENSIONAL SPACE IN THE HELIOSPHERE BASED ON STEREO/SECCHI OBSERVATIONS
Poomvises, W., Zhang, J., & Olmedo, O.
2010, ApJ, 717, L159, **File**

Accuracy and Limitations of Fitting and Stereoscopic Methods to Determine the Direction of Coronal Mass Ejections from Heliospheric Imagers Observations
N. **Lugaz**
Solar Phys (**2010**) 267: 411–429; **File**

RECONSTRUCTING CORONAL MASS EJECTIONS WITH COORDINATED IMAGING AND IN SITU OBSERVATIONS: GLOBAL STRUCTURE, KINEMATICS, AND IMPLICATIONS FOR SPACE WEATHER FORECASTING
Ying **Liu**1, Arnaud Thernisien2, Janet G. Luhmann1, Angelos Vourlidas3, Jackie A. Davies4, Robert P. Lin1,5, and Stuart D. Bale1
The Astrophysical Journal, 722:1762–1777, **2010, File**

Propagation of an Earth-directed coronal mass ejection in three dimensions
Jason P. **Byrne** 1 , Shane A. Maloney 1 , R.T. James McAteer 1 , 3 , Jose M. Refojo 2 & Peter T. Gallagher 1
Nature Communications 1 , Article number: 74 doi:10.1038/ncomms1077, **2010, File**

DETERMINING THE AZIMUTHAL PROPERTIES OF CORONAL MASS EJECTIONS FROM MULTI-SPACECRAFT REMOTE-SENSING OBSERVATIONS WITH *STEREO* SECCHI
N. **Lugaz**1, J. N. Hernandez-Charpak2, I. I. Roussev1, C. J. Davis3, A. Vourlidas4, and J. A. Davies3
Astrophysical Journal, 715:493–499, **2010** May; **File**

GEOMETRIC TRIANGULATION OF IMAGING OBSERVATIONS TO TRACK CORONAL MASS EJECTIONS CONTINUOUSLY OUT TO 1 AU
Ying **Liu**1, Jackie A. Davies2, Janet G. Luhmann1, Angelos Vourlidas3, Stuart D. Bale1, and Robert P. Lin1,4
Astrophysical Journal Letters, 710:L82–L87, **2010** February; **File**

12-16 Dec
TRACKING CORONAL FEATURES FROM THE LOW CORONA TO EARTH: A QUANTITATIVE ANALYSIS OF THE 2008 DECEMBER 12 CORONAL MASS EJECTION
C. E. **DeForest**1, T. A. Howard1, and D. J. McComas
2013 ApJ 769 43, **File**

12-17 Dec
Space Weather and Coronal Mass Ejections **Book**
Timothy A. **Howard**
Springer, **2013**
http://books.google.ru/books?id=ihO4BAAAQBAJ&pg=PA97&lpg=PA97&dq=DeForest,+C.+E.&source=bl&ots=XIvsgYLfFB&sig=525J_9PFZBGda9BsysLsvRRQh34&hl=ru&sa=X&ei=HxlfVOr7HoG6PdDNgegL&ved=0CC4Q6AEwBQ#v=onepage&q=DeForest%2C%20C.%20E.&f=false

12-21 Dec
INNER HELIOSPHERIC FLUX ROPE EVOLUTION VIA IMAGING OF CORONAL MASS EJECTIONS
T. A. **Howard** and C. E. DeForest
2012 ApJ 746 64, **File**

15-18 Dec
WHITE-LIGHT OBSERVATIONS OF SOLAR WIND TRANSIENTS AND COMPARISON WITH AUXILIARY DATA SETS
T. A. Howard1, C. E. DeForest1, and A. A. Reinard
2012 ApJ 754 102

13 Dec
CMEs in the Heliosphere: I. A Statistical Analysis of the Observational Properties of CMEs Detected in the Heliosphere from 2007 to 2017 by STEREO/HI-1

R. A. **Harrison**, J. A. Davies, D. Barnes, J. P. Byrne, C. H. Perry, V. Bothmer, J. P. Eastwood, P. T. Gallagher, E. K. J. Kilpua, C. Möstl, L. Rodriguez, A. P. Rouillard, D. Odstrcil
Solar Phys. **2018**
https://arxiv.org/ftp/arxiv/papers/1804/1804.02320.pdf

16 Dec

FADING CORONAL STRUCTURE AND THE ONSET OF TURBULENCE IN THE YOUNG SOLAR WIND
C. E. **DeForest**1, W. H. Matthaeus2, N. M. Viall3, and S. R. Cranmer
2016 ApJ 828 66 DOI 10.3847/0004-637X/828/2/66

17 Dec

http://solar.gmu.edu/heliophysics/index.php/The_ISEST_Event_List

18 Dec

WHITE-LIGHT OBSERVATIONS OF SOLAR WIND TRANSIENTS AND COMPARISON WITH AUXILIARY DATA SETS
T. A. Howard1, C. E. DeForest1, and A. A. Reinard
2012 ApJ 754 102

DISCONNECTING OPEN SOLAR MAGNETIC FLUX
C. E. **DeForest**1, T. A. Howard1 and D. J. McComas
2012 ApJ 745 36

22-23 Dec

WHITE-LIGHT OBSERVATIONS OF SOLAR WIND TRANSIENTS AND COMPARISON WITH AUXILIARY DATA SETS
T. A. Howard1, C. E. DeForest1, and A. A. Reinard
2012 ApJ 754 102

27 Dec

Connecting speeds, directions and arrival times of 22 coronal mass ejections from the Sun to 1 AU
C. **Möstl**, K. Amla, J. R. Hall, P. C. Liewer, E. M. De Jong, R. C. Colaninno, A. M. Veronig, T. Rollett, M. Temmer, V. Peinhart, J. A. Davies, N. Lugaz, Y. D. Liu, C.J. Farrugia, J. G. Luhmann, B. Vršnak, R. A. Harrison, A. B. Galvin
ApJ, **2014**
http://arxiv.org/pdf/1404.3579v1.pdf

Three-Dimensional Evolution of Flux-Rope CMEs and Its Relation to the Local Orientation of the Heliospheric Current Sheet
A. **Isavnin**, A. Vourlidas, E. K. J. Kilpua
Solar Phys., **2014, File**

WHITE-LIGHT OBSERVATIONS OF SOLAR WIND TRANSIENTS AND COMPARISON WITH AUXILIARY DATA SETS
T. A. Howard1, C. E. DeForest1, and A. A. Reinard
2012 ApJ 754 102

The Temperature-Dependent Nature of Coronal Dimmings
Eva **Robbrecht** and Yi-Ming Wang
E-print 2 Aug **2010**, **File**; ApJL

30 Dec

Mass and energy of erupting solar plasma observed with the X-Ray Telescope on Hinode
Jin-Yi **Lee**, John C. Raymond, Katharine K. Reeves, Yong-Jae Moon, and Kap-Sung Kim
ApJ, 2014
http://arxiv.org/pdf/1411.2229v1.pdf

Dec 2008 – Feb 2009

Is There a CME Rate Floor? CME and Magnetic Flux Values for the Last Four Solar Cycle Minima
D. F. **Webb**1, R. A. Howard2, O. C. St. Cyr3, and A. Vourlidas4
2017 ApJ 851 142
http://sci-hub.tw/10.3847/1538-4357/aa9b81