

DR. ENRICO LANDI

Personal and Contact Information

Born: June 21, 1971; Firenze, Italy
Citizenship: USA, Italy
Address: Department of Climate and Space Sciences and Engineering
University of Michigan
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Research Interests

- 1 - Solar physics
- 2 - X-ray, EUV, UV spectroscopy
- 3 - Spectral codes
- 4 - Spectroscopic diagnostic techniques
- 5 - Atomic physics

Academic Employment

2016-pres.: Professor, University of Michigan, Ann Arbor MI (USA)
2014-2016: Research Scientist, University of Michigan, Ann Arbor MI (USA)
2010-2013: Associate Research Scientist, University of Michigan, Ann Arbor MI (USA)
2009-2010: Astrophysicist, Naval Research Laboratory, Washington, DC (USA)
2000-2009: Research Physicist at ARTEP, Inc., at Naval Research Laboratory, Washington, DC (USA)
1999-2000: Post-Doc at the Max-Planck-Institut für Aeronomie, Katlenburg-Lindau, Germany
1999: Contractor, University of Florence, Italy
1998: Visitor at the Department of Applied Mathematics and Theoretical Physics, University of Cambridge, Cambridge, UK
1995-1998: Ph.D. Contractor, University of Florence, Italy
1995: Research Scientist, Universities Space Research Association, at Naval Research Laboratory, Washington, DC (USA)

Publications at-a-glance (as of March 13, 2018)

Books: 1
Peer-reviewed journals: 194 (published) 2 (submitted)
Non-reviewed literature: 122
Seminars and invited talks: 53
H-index (Google scholar): 37

Awards

- 2014 University of Michigan Research Faculty Achievement Award
- 2012 UM/CoE Kenneth M. Reese Outstanding Research Scientist Award
- 2010 UK Royal Astronomical Society - Group Achievement Award for Geophysics
- 2007 NASA - Group Achievement Award

Grants awarded

Total amount awarded	NASA, NSF, US Air Force	\$8.5M
Awarded as PI	NASA, NSF	\$2.6M

NASA contracts awarded: (since 2001, first year of eligibility)

1. W10,232
2. NNH04AA12I
3. NNG04ED07P
4. NNH06CD24C
5. NNG06EA14I
6. NNH07AG63I
7. NNX08AG46G
8. NNX10AM17G
9. NNX10AQ58G
10. NNX11AC20G
11. NNX11AC20G-S01
12. NNX13AG22G
13. NNX13AG25G
14. NNX13AG54G
15. NNX15AB73G
16. NNX15AF33G
17. NNX15AF25G
18. NNX16AH01G
19. NNX17AD37G
20. Sunrise

NSF contracts awarded: (since 2010, first year of eligibility)

1. AGS-1154443
2. AGS-1255704
3. AGS-1322543
4. AGS-1358268
5. AGS-1408789
6. AGS-1460170
7. AGS-1621686

Other contracts awarded:

1. FA9453-13-M-0063 Small Business Technology Transfer

Student mentoring

Ph.D. students:

Past:	Dr. Rona Oran	(now MIT)	Co-Chair	5 articles
	Mr. Mark Stakhiv	(now private company)	Co-Chair	2 articles
	Dr. Jacob Gruesbeck	(now NASA/GSFC)	Collaborator	6 articles
	Dr. Meng Jin	(now Lockheed)	Collaborator	2 articles
	Dr. Robert Alexander	(now U.Mich.)	Collaborator	1 article
	Dr. Zhenguang Huang	(now U.Mich.)	Collaborator	1 article
Current:	Ms. Judit Szente		Co-Chair	1 article
	Mr. Manan Kocher		Co-Chair	4 articles
	Ms. Yeimy Rivera		Co-Chair	
	Ms. Carolyn Wendeln		Chair	1 article
	Mr. Tong Shi		Chair	
	Mr. Federico Nuevo		Collaborator	3 articles
	Ms. Luisa Capannolo		Collaborator	1 article
Ms. Cecilia MacCormack		Collaborator	1 article	

Undergraduate students:

Past:	Mr. Hussein Al-Sabbahi	(U.Mich. student)	UROP advisor	
	Dr. Rex Allen	(unknown)	MS advisor	1 article
	Dr. Daniele Gianetti	(Nokia, Finland)	Advisor	1 article

Total peer-reviewed articles involving students: 22

(some articles involve more than a student)

Teaching

Courses	Semester	Q1	Q2	Q3	Q4
CLASP 747	F16	4.72	4.92	4.92	3.33
CLASP 532	W17	3.92	4.25	4.42	4.00
CLASP 590	W17				
CLASP 747	F17	5.00	5.00	5.00	4.50
CLASP 380	F17	5.00	5.00	5.00	4.50
CLASP 747	W18				
CLASP 405	W18				

Guest lectures

AOSS 598	<i>Remote sensing diagnostics of the solar wind</i>	18 Jan 2013
NERS 577	<i>Spectroscopy of the solar corona</i>	5 Dec 2013
AOSS 597	<i>Plasma diagnostics of coronal plasmas</i>	3 Nov 2014
NERS 577	<i>Spectroscopy of the solar corona</i>	15 Oct 2015

University of Michigan Service

CLaSP Dept. committees:

Honor and awards committee (2015-present)	Chair
Qualifying exam committee (2017-present)	member
Executive committee (2012-2014)	member
Qualifying exam committee (2012-2014)	member
Promotion committee (2017, Jim Raines)	Chair
Promotion committee (2015, Shasha Zou)	member

CoE committees:

Honors and Awards committee (2017-present)	member
Honors and Awards committee (2012-2014)	member

UM committees:

Academic Affairs Advisory Committee (2017-present)	member
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Professional Service

Referee for:

- 1 - Living Reviews of Solar Physics
- 2 - The Astrophysical Journal
- 3 - Astronomy & Astrophysics
- 4 - Solar Physics
- 5 - Atomic Data and Nuclear Data Tables
- 6 - Nuclear Instruments and Methods in Physics Research
- 7 - Journal of atmospheric and solar-terrestrial physics
- 8 - Publications of Astronomical Society of Japan
- 9 - Annales Geophysicae
- 10 - Fusion Science and Technology
- 11 - Annals of the New York Academy of Sciences
- 12 - NASA review panels
- 13 - NASA mail-in reviewer
- 14 - NSF mail-in reviewer

National committees:

- COSMO Observatory Steering Committee - Chair (2013-)
- DKIST Science Working Group - Member (2017-)

Entrepreneurial activities

Founder of **Cito Solution LLC**, registered in the State of Michigan.

Consultant for Chora Capital, a Hedge Fund based in Boulder, CO.

Education

1995-1998: Ph.D. in Astronomy, University of Florence, Italy.

1990-1994: Physics Degree, University of Florence, Italy.
Final Mark: 110/110 *cum laude*.

1985-1990: Liceo Scientifico "Leonardo da Vinci", Firenze, Italy.

Dr. Enrico Landi - List of Publications

(Student co-authors are underlined>

Books

1. Phillips, K.J.H., Feldman, U., **Landi, E.**
Ultraviolet and X-ray Spectroscopy of the Solar Atmosphere
Cambridge Astrophysics Series 44
2008, Cambridge University Press, Cambridge, UK
ISBN-13: 9780521841603
<http://www.cambridge.org/catalogue/catalogue.asp?isbn=9780521841603>

Papers Published on Refereed Journals

1. Dere, K.P., **Landi, E.**, Mason, H.E., Monsignori Fossi, B.C., Young, P.R., *CHIANTI - A database for EUV emission lines - Paper I. Wavelengths greater than 50 Å*, 1997, A&ASS, 125, 149
2. **Landi, E.**, Landini, M., Del Zanna, G., *The EUV spectrum of Kappa Cet: an Active Sun*, 1997, A&A, 324, 1027
3. **Landi, E.**, Landini, M., *Simultaneous density and temperature diagnostics of optically thin plasmas*, 1997, A&A, 327, 1230
4. **Landi, E.**, Landini, M., Pike, C.D., Mason, H.E., *SOHO-CDS in-flight intensity calibration using a plasma diagnostic method*, 1997, Solar Physics, 175, 553
5. Young, P.R., **Landi, E.**, Thomas, R.J., *CHIANTI - A database for EUV emission lines - Paper II: Comparison with the SERTS-89 Active Region Spectrum*, 1998, A&A, 329, 291
6. **Landi, E.**, Landini, M., *Temperature and density diagnostics of quiet Sun and active regions observed with CDS NIS*, 1998, A&A, 340, 265
7. **Landi, E.**, Landini, M., *The Arcetri Spectral Code for thin plasmas*, 1998, A&ASS, 133, 411
8. **Landi, E.**, Del Zanna, G., Landini, M., Bromage, B.I.J., Breeveld, E., Pike, C.D., *Relative intensity calibration of CDS-GIS detectors on SOHO using a plasma diagnostic technique*, 1999, A&ASS, 135, 171
9. **Landi, E.**, Landini, M., Dere, K.P., Young, P.R., Mason, H.E., *CHIANTI - A database for EUV emission lines - Paper III: Continuum radiation and extension of the ion database*, 1999, A&ASS, 135, 339
10. Brooks, D.H., Fischbacher, G., Fludra, A., Harrison, R., Innes, D., Lang, J., **Landi, E.**, Landini, M., Lanzafame, A., Loch, S., McWhirter, R.W.P., Summers, H.P., Thompson, W., *The quiet Sun extreme ultraviolet spectrum observed in normal incidence by the SOHO Coronal Diagnostic Spectrometer*, 1999, A&A, 347, 277
11. **Landi, E.**, Landini, M., *Radiative losses of optically thin coronal plasmas*, 1999, A&A, 347, 401
12. Chiuderi Drago, F., **Landi, E.**, Fludra, A., Kerdraon, A., *EUV and radio observations of an equatorial coronal hole*, 1999, A&A, 348, 261
13. Drago-Chiuderi, F., Kerdraon, A., **Landi, E.**, Fludra, A., *EUV and radio observations of an equatorial Coronal Hole*, 1999, Sp.Sci.Rev., 87, 141

14. **Landi, E.**, Mason, H.E., Landini, M., *Observation of Transition Region fine structures with SOHO-SUMER*, 1999, Sp.Sci.Rev., 87, 241
15. Landini, M., Brković, A., **Landi, E.**, Ruedi, I., Solanki, S., *Loop models from SOHO observations*, 1999, Sp.Sci.Rev., 87, 245
16. Mason, H.E., **Landi, E.**, Pike, C.D., Young, P.R., *Electron density and temperature structure of a limb active region observed by SOHO-CDS*, 1999, Solar Physics, 189, 129
17. Brooks, D.H., Fischbacher, G., Fludra, A., Harrison, R., Innes, D., Lang, J., **Landi, E.**, Landini, M., Lanzafame, A., Loch, S., McWhirter, R.W.P., Summers, H.P., Thompson, W., *A study of opacity in SOHO-SUMER and SOHO-CDS spectral observations*, 2000, A&A, 357, 697
18. **Landi, E.**, Mason, H.E., Lemaire, P., Landini, M., *SUMER Observations of Transition Region Fine Structures*, 2000, A&A, 357, 743
19. Allen, R., **Landi, E.**, Landini, M., Bromage, G.E., *An empirical test of different ionization balance calculations in an isothermal solar plasma*, 2000, A&A, 358, 332
20. Curdt, W., **Landi, E.**, Wilhelm, K., Feldman, U., *Wavelength measurements of Helium-like $1s2s\ ^3S_1 - 1s2p\ ^3P_{0,2}$ transitions in Ne^{8+} , Na^{9+} , Mg^{10+} and Si^{12+} emitted by solar flares*, 2000, Phys.Rev.A, 62, 022502
21. Gianetti, D., **Landi, E.**, Landini, M., *The effect of different ion fraction datasets on plasma diagnostics*, 2000, A&A, 360, 1148
22. Pauluhn, A., Solanki, S.K., Rüedi, I., **Landi, E.**, Schühle, U., *Statistics of quiet Sun extreme ultraviolet intensities*, 2000, A&A, 362, 737
23. Brosius, J.W., Thomas, R.J., Davila, J.M., **Landi, E.**, *Analysis of a solar active region EUV spectrum from SERTS-97*, 2000, ApJ, 543, 1016
24. Feldman, U., Curdt, W., **Landi, E.**, Wilhelm, K., *Identification in the 500 Å-1600 Å spectral range of highly ionized Ne, Na, Mg, Ar, K, Ca, Ti, Cr, Mn, Fe, Co and Ni lines emitted by flares ($T_e \geq 3 \times 10^6$ K) and their potential use in plasma diagnostics*, 2000, ApJ, 544, 508
25. Mohan, A., Dwivedi, B.N., **Landi, E.**, *Density and temperature measurements and abundance anomalies in the Solar Atmosphere*, 2000, J.Astrophys.Astr., 21, 407
26. Mohan, A., **Landi, E.**, Dwivedi, B.N., *FIP effect measurements in the off-limb corona observed by SUMER on SOHO*, 2000, A&A, 364, 835
27. Binello, A.M., **Landi, E.**, Mason, H.E., Storey, P.J., Brosius, J.W., *A comparison between theoretical and solar FeXII UV line intensity ratios*, 2001, A&A, 370, 1071
28. Dere, K.P., **Landi, E.**, Young, P.R., Del Zanna, G., *CHIANTI - An atomic database for emission lines. Paper IV: Extension to X-Ray Wavelengths*, 2001, ApJS, 134, 331
29. **Landi, E.**, Doron, R., Feldman, U., Doschek, G.A., *Intensity Ratios Between the $2s^2\ ^1S_0-2s2p\ ^3P_1$ and $2s2p\ ^1P_1-2p^2\ ^1D_2$ transitions in Be-Like Ions as Electron Temperature Indicators for Solar Upper Atmosphere Plasmas*, 2001, ApJ, 556, 912
30. Del Zanna, G., Bromage, B.J.I., **Landi, E.**, Landini, M., *Solar EUV spectroscopic observations with the SOHO/CDS instrument. I - An in-flight calibration study*, 2001, A&A, 379, 708
31. Raymond, J.C., Mazur, J.E., Allegrini, F., Antonucci, E., Del Zanna, G., Giordano, S., Ho, G., Ko, Y.-K., **Landi, E.**, Lazarus, A., Parenti, S., Poletto, G., Reinard, A., Rodriguez-Pacheco, J., Teriaca, L., Wurz, P., Zangrilli, L., *Coronal and Solar Wind Elemental Abundances*, 2001, American Institute of Physics, CP 598, 49
32. **Landi, E.**, *Fe XIII line intensities in solar plasmas observed by SERTS*, 2002, A&A, 382, 1106
33. Landini, M., **Landi, E.**, *Models for solar magnetic loops - Paper I: A simple theoretical model and the diagnostic procedure*, 2002, A&A, 383, 653

34. Brković, A., **Landi, E.**, Landini, M., Rüedi, I., Solanki, S.K., *Models for solar magnetic loops – Paper II: Comparison with SOHO observations on the solar disk*, 2002, A&A, 383, 661
35. **Landi, E.**, Feldman, U., Dere, K.P., *CHIANTI – An Atomic Database For Emission Lines. Paper V: Comparison with an isothermal spectrum observed with SUMER*, 2002, ApJS, 139, 281
36. **Landi, E.**, Landini, M., *the Arcetri Spectral Code for optically thin plasmas*, 2002, A&A, 384, 1124
37. Chiuderi Drago, F., **Landi, E.**, *The prominence- and the filament-corona transition region: is there any difference?*, 2002, Solar Physics, 206, 315
38. Brosius, J.W., **Landi, E.**, Cook, J.W., Newmark, J.S., Gopalswamy, N., Lara, A., *Measurements of Three-Dimensional Coronal Magnetic Fields from Coordinated Extreme-Ultraviolet and Radio Observations of a Solar Active Region*, 2002, ApJ, 574, 453
39. **Landi, E.**, Feldman, U., Dere, K.P., *A Comparison between Coronal Emission Lines from an Isothermal Spectrum observed with CDS and CHIANTI Emissivities*, 2002, ApJ, 574, 495
40. Mason, H.E., Del Zanna, G., Dere, K.P., **Landi, E.**, Landini, M., Young, P.R., *The CHIANTI atomic database and instrument calibration: a symbiosis*, 2002, ISSI scientific reports, 271
41. Young, P.R., Del Zanna, G., **Landi, E.**, Dere, K.P., Mason, H.E., Landini, M., *CHIANTI - An atomic database for emission lines. Paper VI: proton rates and other improvements*, 2003, ApJS, 144, 135
42. **Landi, E.**, Feldman, U., Innes, D.E., Curdt, W., *Mass motions and plasma properties in the 10^7 K post-flare solar corona*, 2003, ApJ, 582, 506
43. Mohan, A., **Landi, E.**, Dwivedi, B.N., *On the EUV Plasma Diagnostics For Nitrogen-like Ions From Spectra Obtained By SUMER/SOHO*, 2003, ApJ, 582, 1162
44. Bhatia, A.K., **Landi, E.**, *Atomic Data and Spectral Line Intensities for SiVII*, 2003, ApJ, 585, 587
45. Feldman, U., **Landi, E.**, Curdt, W., *Non-thermal Mass Motions Within the High Temperature Plasmas Above a Complex Active Region*, 2003, ApJ, 585, 1087
46. Bhatia, A.K., **Landi, E.**, Mason, H.E., *Atomic Data and Spectral Line Intensities for NiXXI*, 2003, ADNDT, 83, 71
47. Bhatia, A.K., Thomas, R.J., **Landi, E.**, *Atomic Data and Spectral Line Intensities for NeIII*, 2003, ADNDT, 83, 113
48. Phillips, K.J.H., Sylwester, J., Sylwester, B., **Landi, E.**, *Solar flare abundances of Potassium, Argon and Sulphur*, 2003, ApJL, 589, L113
49. **Landi, E.**, Chiuderi Drago, F., *Solving the discrepancy between the EUV and radio observations of the quiet Sun*, 2003, ApJ, 589, 1054
50. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for CaVII*, 2003, ApJ, 589, 1075
51. Parenti, S., **Landi, E.**, Bromage, B.J.I., *SOHO - ULYSSES Spring 2000 Quadrature: CDS and SUMER Results*, 2003, ApJ, 590, 519
52. **Landi, E.**, Feldman, U., *Properties of solar plasmas near solar maximum above two quiet region at distances of 1.02-1.34 R_{\odot}* , 2003, ApJ, 592, 607
53. Bhatia, A.K., **Landi, E.**, *Atomic data and spectral line intensities for Sx*, 2003, ApJS, 147, 409
54. Feldman, U., **Landi, E.**, Doschek, G.A., Dammasch, I., Curdt, W., *Free-free emission in the FUV spectral range, a resource for diagnosing high density astrophysical plasmas*, 2003, ApJ, 593, 1226
55. Bhatia, A.K., **Landi, E.**, *Atomic Data and Spectral Line Intensities for SiX*, 2003, ADNDT, 85, 169
56. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for SXI*, 2003, ApJ, 149, 251
57. Bhatia, A.K., **Landi, E.**, *Atomic Data and Spectral Line Intensities for SiVIII*, 2003, ADNDT, 85, 317

58. **Landi, E.**, Storey, P.J., Zeippen, C.J., *Atomic data and spectral line intensities for Ca VIII*, 2004, ApJ, 607, 640
59. Feldman, U., **Landi, E.**, Curdt, W., *Newly identified forbidden transition within the ground configuration of P, Cl, K and Co ions*, 2004, ApJ, 607, 1039
60. **Landi, E.**, Landini, M., *Models for solar magnetic loops. III. Dynamic models and CDS observations*, 2004, ApJ, 608, 1133
61. Feldman, U., Dammasch, I., **Landi, E.**, Doschek, G.A., *Observations indicating that 10^7 K solar flare plasmas may be produced in situ from 10^6 K coronal plasma*, 2004, ApJ, 609, 439
62. **Landi, E.**, Feldman, U., *Models for solar magnetic loops. IV: On the relation between coronal and footpoint plasma in active region loops*, 2004, ApJ, 611, 537
63. Curdt, W., **Landi, E.**, Feldman, U., *The SUMER spectral atlas of solar coronal features*, 2004, A&A, 427, 1045
64. **Landi, E.**, Landini, M., *Models for solar magnetic loops. V. A new diagnostic technique to compare loop models and observations*, 2005, ApJ, 618, 1039
65. Feldman, U., **Landi, E.**, Laming, J.M., *Helium abundance in high temperature solar flare plasmas*, 2005, ApJ, 619, 1142
66. Widing, K.G., **Landi, E.**, Feldman, U., *Coronal Element Comparison Observed by SOHO/SUMER in the Quiet Southeast and Northwest Limb Regions at $1.05 R_{sun}$ Above the Solar Disk*, 2005, ApJ, 622, 1211
67. **Landi, E.**, *Radiative transition probabilities in the O-like sequence*, 2005, A&A, 434, 365
68. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for Ne III*, 2005, ADNDT, 89, 139
69. Eissner, W., **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for Ar XII*, 2005, ADNDT, 89, 195
70. Phillips, K.J.H., Chifor, C., **Landi, E.**, *The temperature response of the TRACE 171 Å and 195 Å filters*, 2005, ApJ, 626, 1110
71. Feldman, U., **Landi, E.**, Schwadron, N.A., *On the sources of fast and slow solar wind*, 2005, JGR, 110, A07109
72. **Landi, E.**, Phillips, K.J.H., *Spectral atlas of X-ray lines emitted during solar flares based on CHIANTI*, 2005, ApJS, 160, 286
73. Feldman, U., **Landi, E.**, Doschek, G.A., Mariska, J.T., *A new method for in-flight intensity calibration of high-resolution EUV and FUV spectrometers*, 2005, A&A, 441, 1211
74. Brosius, J.W., **Landi, E.**, *Properties of a Sunspot Plume Observed With CDS*, 2005, ApJ, 632, 1196
75. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for Ca XIV*, 2005, ADNDT, 90, 177
76. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for Ca XIII*, 2005, A&A, 444, 305
77. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for Mg V*, 2006, ADNDT, 92, 105
78. **Landi, E.**, Del Zanna, G., Young, P.R., Dere, K.P., Mason, H.E., Landini, M., *CHIANTI - An atomic database for Emission Lines. VII. New data for X-rays and other improvements*, 2006, ApJS, 162, 261
79. **Landi, E.**, Gu, M.F., *Atomic data for high energy configurations in Fe XVII-XXIII*, 2006, ApJ, 640, 1171
80. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for Ar XI*, 2006, ADNDT, 92, 305
81. **Landi, E.**, Feldman, U., Doschek, G.A., *Plasma diagnostics of the large-scale corona with SUMER. I - measurements at the west limb*, 2006, ApJ, 643, 1258
82. Kucera, T.A., **Landi, E.**, *UV observations of prominence activation and cool loop dynamics*, 2006, ApJ, 645, 1525

83. **Landi, E.**, Phillips, K.J.H., *CHIANTI - an atomic database for emission lines - Paper VIII: Comparison with solar flare spectra from SMM/FCS*, 2006, ApJS, 166, 421
84. Feldman, U., **Landi, E.**, Doschek, G.A., *Critical datasets for benchmarking atomic codes: calibrated line intensities emitted by well-diagnosed solar plasmas*, 2006, High Energy Density Physics, 2, 104
85. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for Mg VI*, 2007, ADNDT, 93, 1
86. Bhatia, A.K., **Landi, E.**, *Atomic Data and Spectral Line Intensities for Si XI*, 2007, ADNDT, 93, 275
87. **Landi, E.**, Feldman, U., Doschek, G.A., *Neon and Oxygen absolute abundances in the solar corona*, 2007, ApJ, 659, 743
88. Feldman, U., **Landi, E.**, Doschek, G.A., *Diagnostics of suprathermal electrons in active region plasmas using He-like UV lines*, 2007, ApJ, 660, 1674
89. **Landi, E.**, *Ion temperatures in the quiet solar corona*, 2007, ApJ, 663, 1363
90. Bhatia, A.K., **Landi, E.**, *Atomic Data and Spectral Line Intensities for Mg IX*, 2007, ADNDT, 93, 742
91. **Landi, E.**, *Continuum emission in the 1-2000 Å range*, 2007, A&A, 476, 675
92. Spadaro, D., Susino, R., Ventura, R., Vourlidas, A., **Landi, E.**, *SOHO investigation of physical parameters in a mid-latitude streamer observed during the decay phase of the solar activity cycle*, 2007, A&A, 475, 707
93. Young, P.R., Del Zanna, G., Mason, H.E., Dere, K.P., **Landi, E.**, Landini, M., Doschek, G.A., Brown, C.M., Culhane, J.L., Harra, L.K., Watanabe, T., & Hara, H., *EUV emission lines and diagnostics observed with Hinode/EIS*, 2007, PASJ, 59, S857
94. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for S XIII*, 2008, ADNDT, 94, 1
95. **Landi, E.**, Feldman, U., *The thermal structure of an active region observed outside the solar disk*, 2008, ApJ, 672, 674
96. Kucera, T.A., **Landi, E.**, *Observation of low level heating in an erupting prominence* 2008, ApJ, 673, 611
97. Bhatia, A.K., **Landi, E.**, *Atomic Data and Spectral Line Intensities for Ar XV*, 2008, ADNDT, 94, 223
98. Feldman, U., **Landi, E.**, *The temperature structure of solar coronal plasmas* 2008, Physics of Plasmas, 15, 056501
99. Feldman, U., Seely, J.F., **Landi, E.**, Ralchenko, Yu. *Bright EUV lines emitted by highly ionized tungsten ions as diagnostic indicators of the tungsten transport in ITER core plasmas ($T_e > 7$ keV)*, 2008, Nuclear Fusion, 48, 045004
100. **Landi, E.**, Chiuderi Drago, F., *The quiet Sun DEM from radio and UV measurements* 2008, ApJ, 675, 1629
101. Brosius, J.W., Rabin, D.M., Thomas, R.J., **Landi, E.**, *Analysis of a solar bright point extreme-ultraviolet spectrum from the EUNIS sounding rocket instrument*, 2008, ApJ, 677, 781
102. Feldman, U., **Landi, E.**, Doschek, G.A., *Line intensity ratios in the EIS range sensitive to electron densities in 10^7 K plasmas*, 2008, ApJ, 679, 843
103. Sylwester, J., Sylwester, B., **Landi, E.**, Phillips, K.J.H., Kutnetsov, V.D., *Determination of K, Ar, Cl, S, Si and Al flare abundances from RESIK soft X-ray spectra*, 2008, Adv. Sp. Res., 42, 838
104. Sylwester, B., Sylwester, J., Phillips, K.J.H., **Landi, E.**, *He-like triplets observed by RESIK*, 2008, Adv. Sp. Res., 42, 833
105. Susino, R., Ventura, R., Spadaro, D., Vourlidas, A., **Landi, E.**, *Physical parameters along the boundaries of a mid-latitude streamer and in its adjacent region* 2008, A&A, 488, 303

106. Feldman, U., Ralchenko, Yu., **Landi, E.**, *Non-thermal electron measurements in solar flares with Hinode/EIS* 2008, ApJ, 684, 707
107. **Landi, E.**, *The thermal structure of an off-disk polar coronal hole* 2008, ApJ, 685, 1270
108. **Landi, E.**, Cranmer, S.R., *Ion Temperatures in the Low Solar Corona: Polar Coronal Holes at Solar Minimum* 2009, ApJ, 691, 794
109. Bryans, P., **Landi, E.**, Savin, D.W., *A new approach to analyzing solar coronal spectra and updated collisional ionization equilibrium calculations. II. Additional recombination rate coefficients*, 2009, ApJ, 691, 1540
110. Feldman, U., Dammasch, I.E., **Landi, E.**, *On The Emission Measure of The Solar Lower Transition Region ($2 \times 10^4 - 2 \times 10^5$ K)*, 2009, ApJ, 693, 1474
111. Bhatia, A.K., **Landi, E.**, *Atomic Data and Spectral Line Intensities for Ca XVII*, 2009, ADNDT, 95, 155
112. **Landi, E.**, Miralles, M.P., Curdt, W., Hara, H., *Physical Properties of cooling plasma in quiescent active region loops*, 2009, ApJ, 695, 221
113. Dere, K.P., **Landi, E.**, Young, P.R., Del Zanna, G., Landini, M., & Mason, H.E., *CHIANTI - an atomic database for emission lines. IX. Ionization rates, recombination rates, ionization equilibria for the elements hydrogen through zinc and updated atomic data*, 2009, A&A, 498, 915
114. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for Ni XXV*, 2009, ADNDT, 95, 547
115. Tian, H., Curdt, W., Teriaca, L., **Landi, E.**, Marsch, E., *Solar transition region above sunspots*, 2009, A&A, 505, 307
116. **Landi, E.**, Young, P.R., *CHIANTI - An atomic database for emission lines. X. Spectral atlas of a cold feature observed with Hinode/EUV Imaging Spectrometer*, 2009, ApJ, 706, 1
117. Young, P.R., **Landi, E.**, *CHIANTI - An atomic database for emission lines. XI. EUV emission lines of Fe VII, Fe VIII and Fe IX observed by Hinode/EIS*, 2009, ApJ, 707, 173
118. **Landi, E.**, Young, P.R., *New Fe IX line identifications using SOHO/SUMER and Hinode/EIS joint observations of the quiet Sun*, 2009, ApJ, 707, 1191
119. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for Ni XIV*, 2010, ADNDT, 96, 52
120. Muglach, K., **Landi, E.**, Doschek, G.A., *The electron temperature of the solar transition region as derived from EIS and SUMER*, 2010, ApJ, 708, 550
121. Vourlidas, A., Sanchez-Andrade, B., **Landi, E.**, Patsourakos, S., Teriaca, L., Schühle, U., Korendyke, C.M., & Nestoras, I., *The structure and dynamics of the upper chromosphere and lower transition region as revealed by the subarcsecond VAULT observations*, 2010, Solar Physics, 261, 53
122. Doschek, G.A., **Landi, E.**, Warren, H.P., & Harra, L.K., *Bright Points and Jets in Polar Coronal Holes Observed by the Extreme-ultraviolet Imaging Spectrometer on Hinode*, 2010, ApJ, 710, 1806
123. **Landi, E.**, Raymond, J.C., Miralles, M.P., Hara, H., *Physical conditions in a CME from Hinode, STEREO, and SOHO observations*, 2010, ApJ, 711, 75
124. Feldman, U., Brown, C.M., Seely, J.F., Dammasch, I.E., **Landi, E.**, Doschek, G.A., Colgan, J., Abdallah, J., Fontes, C.J., & Sherrill, M.E., *A new approach for deriving the solar irradiance from non-flaring solar upper atmosphere plasmas at $2 \times 10^4 \leq T \leq 2 \times 10^7$ K*, 2010, JGR, 115, A03101
125. **Landi, E.**, Young, P.R., *New Fe VIII line identifications using observations of the quiet Sun*, 2010, ApJ, 713, 205
126. **Landi, E.**, & Young, P.R. *The relative intensity calibration of Hinode/EIS and SOHO/SUMER* 2010, ApJ, 714, 636
127. Phillips, K.J.H., Aggarwal, K.M., **Landi, E.**, Keenan, F.P., *Highly Ionized Sodium X-ray Line Emission from the Solar Corona and the Abundance of Sodium*, 2010, A&A, 518, A41

128. **Landi, E.**, Klimchuk, J.A., *On the isothermality of solar plasmas*, 2010, ApJ, 723, 320
129. Hahn, M., Bryans, P., **Landi, E.**, Miralles, M.P., Savin, D.W. *Properties of a polar coronal hole during the solar minimum in 2007* 2010, ApJ, 725, 774
130. Bhatia, A.K., **Landi, E.**, *Atomic Data and Spectral Line Intensities for Ni XI*, 2011, ADNDT, 97, 50
131. Testa, P., Reale, F., **Landi, E.**, DeLuca, E.E. *Temperature distribution of a non-flaring active region from simultaneous Hinode XRT and EIS observations*, 2011, ApJ, 728, 30
132. Bhatia, A.K., **Landi, E.**, *Atomic Data and Spectral Line Intensities for Ni XVII*, 2011, ADNDT, 97, 189
133. Hahn, M., **Landi, E.**, Savin, D.W., *Differential Emission Measure Analysis of a Polar Coronal Hole During the Solar Minimum in 2007*, 2011, ApJ, 736, 101
134. McLaughlin, B.M, Teck-Ghee L., Ludlow, J.A., **Landi, E.**, Loch, S.D., Pindzola, M.S., & Ballance, C.P., *A R-Matrix ICFT approach for electron-impact excitation of the O-like ion Ne²⁺* 2011, J. Phys. B, 44, 175206
135. **Landi, E.**, *Atomic Data and Spectral Line Intensities for Fe XV*, 2011, ADNDT, 97, 587
136. **Landi, E.**, Del Zanna, G., Young, P.R., Dere, K.P., & Mason, H.E., *CHIANTI - An atomic database for emission lines. XII. Version 7 of the database*, 2012, ApJ, 744, 99
137. **Landi, E.**, Alexander, R.L., Gruesbeck, J.R., Gilbert, J.A., Lepri, S.T., Manchester, W.B. & Zurbuchen, T.H., *Diagnostics of the solar wind with carbon ions* 2012, ApJ, 744, 100
138. Jin, M., Manchester, W.B., van der Holst, B., Gruesbeck, J.R., Frazin, R.A., **Landi, E.**, Vasquez, A.M., Lamy, P.L., Llebaria, A., Fedorov, A., Toth, G., & Gombosi, T.I., *A global two-temperature corona and inner heliosphere model: a comprehensive validation study*, 2012, ApJ, 745, 6
139. Testa, P., Drake, J.J, **Landi, E.**, *Testing EUV/X-ray atomic data for the Solar Dynamics Observatory AIA and EVE missions*, 2012, ApJ, 745, 111
140. Reale, F., **Landi, E.**, Orlando, S., *Post-flare UV light curves explained with thermal instability of loop plasma* 2012, ApJ, 746, 18
141. **Landi, E.**, Reale, F., Testa, P., *On the isothermality of solar plasmas. II. Test on Monte Carlo Markov Chain DEM reconstruction* 2012, A&A, 538, A111
142. **Landi, E.**, Gruesbeck, J.R., Lepri, S.T., & Zurbuchen, T.H. *New solar wind diagnostic using both in-situ and spectroscopic measurements* 2012, ApJ, 750, 159
143. Gilbert, J.A., Lepri, S.T., **Landi, E.**, Zurbuchen, T.H., *Measurements of the first complete heavy ion charge state distributions associated with Interplanetary Coronal Mass Ejections*, 2012, ApJ, 751, 20
144. **Landi, E.**, Raymond, J.C., Miralles, M.P., Hara, H. *Post-CME plasma observed by Hinode*, 2012, ApJ, 751, 21
145. Hahn, M., **Landi, E.**, Savin, D.W., *Evidence for Alfvén wave damping at low heights in a polar coronal hole*, 2012, ApJ, 753, 36
146. Zurbuchen, T.H., von Steiger, R., Gruesbeck, J.R., **Landi, E.**, Lepri, S.T., Zhao, L., & Hansteen, V., *Sources of solar wind at solar minimum: constraints from composition data* 2012, Sp. Sci. Rev., 172, 41
147. Reale, F., **Landi, E.**, *On the importance of radiative losses on the late evolution of pulse-heated coronal loops/strands*, 2012, ApJ, 543, A90
148. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for Ni XV*, 2012, ADNDT, 98, 862
149. Huang, Z., Frazin, R.A., **Landi, E.**, Manchester, W.B., IV, Vásquez, A.M., Gombosi, T.I., *Newly discovered global temperature structures in the quiet Sun at solar minimum*, 2012, ApJ, 755, 86
150. Kucera, T.A., Gibson, S.E., Schmit, D.J., **Landi, E.**, Tripathi, D., *Temperature and EUV intensity in a coronal prominence cavity and streamer*, 2012, ApJ, 757, 73

151. **Landi, E.**, Gruesbeck, J.R., Lepri, S.T., Zurbuchen, T.H., Fisk, L.A. *Charge state evolution in the solar wind. Radiative losses in fast solar wind plasmas* 2012, ApJL, 758, L21
152. **Landi, E.**, Gruesbeck, J.R., Lepri, S.T., Zurbuchen, T.H., Fisk, L.A. *Charge state evolution in the solar wind. II. Plasma charge state composition in the inner corona and accelerating fast solar wind* 2012, ApJ, 761, 48
153. **Landi, E.**, Young, P.R., Dere, K.P., Del Zanna, G., & Mason, H.E., *CHIANTI - An atomic database for emission lines. XIII. Soft X-ray improvements and other changes*, 2013, ApJ, 763, 86
154. Lepri, S.T., **Landi, E.**, Zurbuchen, T.H., *Solar wind heavy ions over solar cycle 23: ACE/SWICS measurements*, 2013, ApJ, 768, 94
155. **Landi, E.**, Dere, K.P., Young, P.R., Del Zanna, G., & Mason, H.E., *CHIANTI - An atomic database for astrophysical plasmas*, 2013, Fusion Science and Technology, 63, 324
156. **Landi, E.**, Reale, F., *Prominence plasma diagnostics through EUV absorption*, 2013, ApJ, 772, 71
157. Reale, F., Orlando, S., Testa, P., Peres, G., **Landi, E.**, Schrijver, C.J., *Bright and hot impacts by eruption fragments infalling on the Sun: a template for stellar accretion?*, 2013, Science, 341, 251
158. Zhao, L., **Landi, E.**, & Gibson, S.E., *Two novel parameters to evaluate the global complexity of the Sun's magnetic field and to track the solar cycle*, 2013, ApJ, 773, 157
159. **Landi, E.**, Miralles, M.P., Raymond, J.C., Hara, H., *Hot plasma associated with a CME ejection*, 2013, ApJ, 778, 29
160. Oran, R., van der Holst, B., **Landi, E.**, Jin, M., Sokolov, I.V., Gombosi, T.I., *A global wave-driven MHD model with a unified treatment of open and closed magnetic field topologies*, 2013, ApJ, 778, 176
161. Judge, P.G., Habbal, S., **Landi, E.**, *From forbidden coronal lines to meaningful coronal magnetic fields* 2013, Solar Physics, 288, 467
162. Fontenla, J.M., **Landi, E.**, Snow, M., Woods, T., *Far- and extreme-UV solar spectral irradiance and radiance from simplified atmospheric physical models*, 2013, Solar Physics, 289, 515
163. Avrett, E., **Landi, E.**, McKillop, S., *Calculated resonance line profiles of MgII, CII and SiIV in the solar atmosphere*, 2013, ApJ, 779, 155
164. **Landi, E.**, Miralles, M.P., *Density diagnostics with SDO/AIA*, 2014, ApJL, 780, L7
165. Wu, Z., Chen, Y., Li, G., Zhao, L.L., Ebert, R.W., Desai, M.I., Mason, G.M., Lavraud, B., Zhao, L., Liu, Y.C.-M., Guo, F., Tang, C.L., **Landi, E.**, & Savaud, J., *Observations of energetic particles between a pair of corotating interaction regions*, 2014, ApJ, 781, 17
166. Zhao, L., **Landi, E.**, *Polar- and Equatorial-Coronal-Hole Wind at Solar Minima: From the Heliosphere to the Inner Corona*, 2014, ApJ, 781, 110
167. **Landi, E.**, Testa, P., *The temperature of the quiescent corona during solar cycles 23 and 24* 2014, ApJ, 787, 33
168. Shearer, P., von Steiger, R., Raines, J.M., Lepri, S.T., Thomas, J.W., Gilbert, J.A., **Landi, E.**, Zurbuchen, T.H., *The solar wind Neon abundance observed with ACE/SWICS and Ulysses/SWICS*, 2014, ApJ, 789, 60
169. **Landi, E.**, Oran, R., Lepri, S.T., Zurbuchen, T.H., Fisk, L.A., van der Holst, B. *Charge state evolution in the solar wind. III. Model comparison with observations*, 2014, ApJ, 790, 111
170. Warren, H.P., Ugarte-Urra, I., & **Landi, E.**, *The Absolute Calibration of the EUV Imaging Spectrometer on Hinode*, 2014, ApJS, 213, 11
171. Zhao, L., **Landi, E.**, Fisk, L.A., Zurbuchen, T.H., & Lepri, S.T. *The Evolution of 1 AU Equatorial Solar Wind and its Association with the Morphology of the Heliospheric Current Sheet from Solar Cycles 23 to 24*, 2014, ApJ, 793, 44

172. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for Ca IX*, 2014, ADNDT, 100, 1519
173. Reale, F., Orlando, S., Testa, P., **Landi, E.**, Schrijver, C.J., *Bright hot impacts by erupted fragments falling back on the Sun: UV redshifts in stellar accretion*, 2014, ApJL, 797, L5
174. **Landi, E.**, Testa, P., *Neon and Oxygen abundances and abundance ratio in the solar corona*, 2015, ApJ, 800, 110
175. Stakhiv, M., **Landi, E.**, Lepri, S.T., Oran, R., Zurbuchen, T.H., *On the origin of mid-latitude fast wind: challenging the two state solar wind paradigm*, 2015, ApJ, 801, 100
176. Oran, R., **Landi, E.**, van der Holst, B., Lepri, S.T., Vasquez, A., Nuevo, F., Frazin, R.A., Manchester, W., Sokolov, I., & Gombosi, T.I., *A Steady-State Picture of Solar Wind Acceleration and Charge State Composition Derived from a Global Wave-Driven MHD Model*, 2015, ApJ, 806, 55
177. Fontenla, J.M., Stancil, P.C., **Landi, E.**, *Solar Spectral Irradiance, solar activity, and the Near Ultraviolet*, 2015, ApJ, 809, 157
178. Avrett, E., Tian, H., **Landi, E.**, Curdt, W., & Wülser, J.-P., *Modeling the Chromosphere of a Sunspot and the Quiet Sun*, 2015, ApJ, 811, 88
179. Nuevo, F., Vasquez, A., **Landi, E.**, Frazin, R.A., *Multimodal Differential Emission Measure in the Solar Corona*, 2015, ApJ, 811, 128
180. Del Zanna, G., Dere, K.P., Young, P.R., **Landi, E.**, Mason, H.E., *CHIANTI - an atomic database for emission lines. Version 8*, 2015, A&A, 582, A56
181. **Landi, E.**, Lepri, S.T., *Photoionization in the solar wind*, 2015, ApJ, 812, L28
182. Young, P.R., Dere, K.P., **Landi, E.**, Del Zanna, G., Mason, H.E., *The CHIANTI atomic database*, 2016, J. Phys. B, 49, 074009
183. Tomczyk, S., **Landi, E.**, Burkepile, J.T., Casini, R., DeLuca, E.E., Fan, Y., Gibson, S.E., Judge, P.G., Lin, H., McIntosh, S.W., Solomon, S.C., de Toma, G., de Wijn, A.G., & Zhang, J., *COSMO - The COronal Solar Magnetism Observatory*, 2016, JGR, 121, 7470
184. Stakhiv, M., **Landi, E.**, Lepri, S.T., Tracy, P., & Zurbuchen, T.H., *On solar wind origin and acceleration: measurements from ACE* 2016, ApJ, 829, 117
185. **Landi, E.**, Habbal, S.R., & Tomczyk, S., *Coronal Plasma Diagnostics from UCoMP ground based observations* 2016, JGR, 121, 8237
186. Fontenla, J.M., Codrescu, M., Fedrizzi M., Fuller-Rowell, T., Hill, F., **Landi, E.**, Woods, T. *Five years of synthesis of solar spectral irradiance from SDID/SISA and SDO/AIA images*, 2017, ApJ, 834, 54
187. Szente, J., Toth, G., Manchester, W.B. IV, van der Holst, B., **Landi, E.**, Gombosi, T.I., *Coronal jets simulated with the Alfvén Wave Solar Model*, 2017, ApJ, 834, 123
188. Zhao, L., **Landi, E.**, Lepri, S.T., Kocher, M., Fisk, L.A., *Anomalous composition in slow solar wind as a signature of magnetic reconnection in its source region*, 2017, ApJS, 228, 4
189. Kocher, M., Lepri, S.T., **Landi, E.**, Zhao, L., Manchester, W.B. IV, *Anatomy of Depleted Interplanetary Coronal Mass Ejections*, 2017, ApJ, 834, 147
190. Capannolo, L., Opher, M., Kay, C., & **Landi, E.**, *The deflection of the Cartwheel CME: ForeCAT results*, 2017, ApJ, 839, 37
191. Mac Cormack, C., Vasquez, A.M., Lopez Fuentes, M., Nuevo, F.A., **Landi, E.**, Frazin, R.A., *Energy input flux in the global quiet Sun corona*, 2017, ApJ, 843, 70
192. Oran, R., **Landi, E.**, van der Holst, B., Sokolov, I.V., & Gombosi, T.I., *Alfvén wave turbulence as a coronal heating mechanism: simultaneously predicting the heating rate and the wave-induced emission line broadening*, 2017, ApJ, 845, 98

193. Zhao, L., **Landi, E.**, Lepri, S.T., Gilbert, J.A., Zurbuchen, T.H., Fisk, L.A., *On the relation between the in situ properties and the coronal sources of the solar wind*, 2017, ApJ, 846, 135
194. Wendeln, C., & **Landi, E.**, *EUV emission and scattered light diagnostics of equatorial coronal holes as seen by Hinode/EIS*, 2018, ApJ, *in press*

Papers Submitted to refereed Journals

1. Kocher, M., **Landi, E.**, & Lepri, S.T., *Tracking filament evolution in the low solar corona using remote-sensing and in-situ observations*, 2018, ApJ, *submitted*
2. Fontenla, J., **Landi, E.**, *Bright network, UVA, and the Physical Modeling of Solar Spectral and Total Irradiance in Recent Solar Cycles*, 2018, ApJ, *submitted*

Conference Proceedings and other non-reviewed literature

1. **Landi, E.**, Del Zanna, G., Landini, M., Bromage, B.J.I., Breeveld, E., Pike, C.D., *GIS calibration study with a plasma diagnostic method*, in *Proceedings of the 5th SOHO Workshop*, Oslo, Norway, 17-20 June 1997, ESA SP-404, 1997, p. 495.
2. **Landi, E.**, Landini, *Temperature and density diagnostics of active region observed with CDS-NIS*, in *Proceedings of the 5th SOHO Workshop*, Oslo, Norway, 17-20 June 1997, ESA SP-404, 1997, p. 501.
3. Dere, K.P., **Landi, E.**, Mason, H.E., Monsignori Fossi, B.C., Young, P.R., 1998, *CHIANTI - An Atomic Database For Emission Lines Paper I: Wavelengths Greater than 50 Angstroms* in *The Scientific Impact of the Goddard High Resolution Spectrograph*, ASP Conference Series, eds. J.C.Brandt, T.B.Ake, Vol.143, p. 390.
4. **Landi, E.**, Landini, M., Del Zanna, G., *The EUVE spectrum of Kappa Cet in a quiescent phase, 10th Cambridge workshop on Cool stars, stellar systems and the Sun*, ASP Conf Ser. 154, Ed. R.A. Donhaue and J.A.Bookbinder, p. 1005.
5. Landini, M., **Landi, E.**, *Density diagnostic of astrophysical plasmas*, proceedings of the 13th *International Conference on Spectral Line shapes*, AIP Conference Proceedings, Vol 386, p. 419.
6. Landini, M., **Landi, E.**, *The XUV Spectral Code of Arcetri*, proceedings of the 13th *International Conference on Spectral Line shapes*, AIP Conference Proceedings, Vol 386, p. 421.
7. Del Zanna, G., Landini, M., **Landi, E.**, Monsignori Fossi, B.C., *Comparison of temperature and density diagnostics in the coronae of α Centauri and the Sun*, proceedings of the *Cool stars, stellar systems and the Sun, 9th Cambridge Workshop*, ASP Conference Series, Vol 109, p. 259.
8. **Landi, E.**, Landini, M., *Temperature and Density diagnostics of solar active and quiet regions observed with CDS-NIS on SOHO*, Proceedings of *Solar Jets and coronal Plumes*, Guadaloupe, France, February 22-26 1998, ESA SP-421, p. 287
9. **Landi, E.**, Landini, M., *The Arcetri Spectral Code for thin plasmas*, Proceedings of *Solar Jets and coronal Plumes*, Guadaloupe, France, February 22-26 1998, ESA SP-421, p. 293.
10. **Landi, E.**, Landini, M., *The Arcetri Spectral Code for thin plasmas*, in Proceedings of *A crossroads for European Solar and heliospheric Physics*, Tenerife, March 23-27 1998, ESA SP-417, p. 251.
11. Landini, M., Brković, A., **Landi, E.**, Rüedi, I., Solanki, S., 1999, *Loop models from SOHO observations*, Proceedings of the 8th *SOHO Workshop*, Paris, 22-25 June 1999, ESA SP-446, p. 423
12. Chiuderi Drago, F., **Landi, E.**, Fludra, A., Kerdraon, A., 1999, *Comparison between EUV and radio observations: a powerful diagnostic for the upper solar atmosphere*, Proceedings of the 8th *SOHO Workshop*, Paris, 22-25 June 1999, ESA SP-446, p. 287
13. **Landi, E.**, Landini, M., 1999, *Radiative Losses of optically thin plasmas*, Proceedings of the 8th *SOHO Workshop*, Paris, 22-25 June 1999, ESA SP-446, p. 411
14. **Landi, E.**, Mullan, D., Poletto, G., Hassler, D.H., Wilhelm, K., 1999, *Plasma flows in coronal hole regions*, Proceedings of the 8th *SOHO Workshop*, Paris, 22-25 June 1999, ESA SP-446, p. 417
15. Andretta, V., **Landi, E.**, Del Zanna, G., Jordan, S.D., 1999, *A direct comparison between EUV coronal flux and He resonance line photon flux from SOHO/CDS data*, Proceedings of the 8th *SOHO Workshop*, Paris, 22-25 June 1999, ESA SP-446, p. 123
16. Gianetti, D., **Landi, E.**, Landini, M., 1999, *The effect of different ion fraction datasets on FIP effect studies*, Proceedings of the 9th *European Meeting on Solar Physics*, 1999 September 12-18, Florence, Italy, ESA SP-448, p. 599

17. Allen, R., **Landi, E.**, Landini, M., Bromage, G.E., 1999, *An empirical test of different ionization balance calculations in an isothermal solar plasma*, Proceedings of the 9th European Meeting on Solar Physics, 1999 September 12-18, Florence, Italy, ESA SP-448, p. 563
18. Gianetti, D., **Landi, E.**, Landini, M., 2000, *On the use of EUV lines for coronal abundances diagnostics*, Proceedings of the 11th Cambridge Workshop on Cool Stars, Stellar Systems and the Sun, 1999 October 4-8, Puerto de la Cruz, Tenerife, Spain, CD-643
19. Allen, R., **Landi, E.**, Landini, M., Bromage, G.E., 2000, *An empirical test of different ionization balance calculations in an isothermal solar plasma*, Proceedings of the 11th Cambridge Workshop on Cool Stars, Stellar Systems and the Sun, 1999 October 4-8, Puerto de la Cruz, Tenerife, Spain, CD-563
20. **Landi, E.**, Landini, M., Dere, K.P., Risaliti, G., 2000, *BEPOSAX observations of Eq Pegasi*, Proceedings of the 11th Cambridge Workshop on Cool Stars, Stellar Systems and the Sun, 1999 October 4-8, Puerto de la Cruz, Tenerife, Spain, CD-991
21. **Landi, E.**, 2000, *CHIANTI - An atomic database for EUV emission lines*, in Proceedings of *Astrophysical Plasmas: Codes, Models and Observations*, Mexico City, 25-30 Oct 1999 - 2000, Rev.Mex.Astr.Astroph., 9, 140
22. Gontikakis, C., **Landi, E.**, Dara, H.C., Alissandrakis, C.E., Vial, J.-C., 2000, *DEM Study of Selected Quiet Sun Areas*, IAU Symposium Vol. 203, 2001, P. Brekke, B. Fleck, and J.B. Gurman, eds., p.390
23. Curdt, W., **Landi, E.**, Feldman, U., Innes, D., Dwivedi, B.N., Wilhelm, K., 2000, *Spectroscopic features in the EUV emission of a M8 flare observed by SUMER*, IAU Symposium Vol. 203, 2001, P. Brekke, B. Fleck, and J.B. Gurman, eds., p.260
24. Dwivedi, B.N., **Landi, E.**, Mohan, A., 2000, *Looking for the FIP Effect in EUV Spectra*, IAU Symposium Vol. 203, 2001, P. Brekke, B. Fleck, and J.B. Gurman, eds., p.356
25. Pauluhn, A., Solanki, S.K., Rüedi, I., **Landi, E.**, Schühle, U., 2000, *Statistical features of the Quiet Sun in EUV*, IAU Symposium Vol. 203, 2001, P. Brekke, B. Fleck, and J.B. Gurman, eds., p.416
26. Del Zanna, G., Dere, K.P., Mason, H.E., **Landi, E.**, Young, P.R., Landini, M., 2000, *The CHIANTI atomic database: extension to the X-rays*, IAU Symposium 203, Manchester, England, August 2000
27. Del Zanna, G., Dere, K.P., **Landi, E.**, Landini, M., Mason, H.E., Young, P.R., 2000, *Solar and Stellar High-Resolution X-Ray Spectra: Plasma Diagnostics with CHIANTI*, in *X-Ray Astronomy*, PASP Conference Series, Vol. XXX, Eds. R.Giacconi, L.Stella and S.Serio
28. Curdt, W., **Landi, E.**, 2001, *Spectral windows on the Sun*, in *Solar Encounter: The First Solar Orbiter Workshop*, Puerto de la Cruz, Tenerife, Spain, May 14-18
29. Young, P.R., **Landi, E.**, Del Zanna, G., Bromage, G.E., Dere, K.P., Landini, M., Mason, H.E., *CHIANTI - an atomic database for UV and X-Ray cool star spectroscopy*, proceedings of the *Cool Stars, stellar systems and the Sun - 12th Cambridge Workshop*, 2003, p.1119
30. **Landi, E.**, Dere, K.P., Mason, H.E., Del Zanna, G., Young, P.R., Landini, M., *The CHIANTI project*, in the Proc. of Symposium *New Visions of the X-ray Universe in the XMM-Newton and Chandra Era*, 26-30 November 2001, ESTEC, The Netherlands, ESA SP-488, Aug. 2002
31. Parenti, S., **Landi, E.**, Bromage, B.J.I., 2002, *Proceedings of the 11th SOHO Workshop*, Davos, Switzerland, March 2002, ESA SP-508, 399
32. Dwivedi, B.N., Mohan, A., **Landi, E.**, *EUV plasma diagnostics for Nitrogen-like ions from spectra obtained by SUMER/SOHO*, in Proc. of *Magnetic coupling of the Solar Atmosphere*, June 11-15, Santorini, Greece
33. Chiuderi Drago, F., **Landi, E.**, 2003, *The solar transition region from EUV and radio observations*, Memorie Soc. Astr. It., 74, 691
34. Parenti, S., **Landi, E.**, Bromage, B.J.I., 2003, *Properties of the base of streamers from UV and EUV observations*, Memorie Soc. Astr. It., 74, 717

35. **Landi, E.**, Dere, K.P., Young, P.R., Landini, M., Mason, H.E., Del Zanna, G., *The CHIANTI database*, in *Highlights in Astronomy*, Publications of the Astronomy Society of the Pacific, 2004
36. Phillips, K.J.H., Sylwester, J., Sylwester, B., **Landi, E.**, *Abundances of Potassium, Argon and Sulphur in Solar Flares*, 2004, IAU Symposium 219, 176
37. Dwivedi, B.N., Mohan, A., **Landi, E.**, *FIP effect and FIP-dependent bias in the solar corona*, 2004, IAU Symposium 219, 493
38. **Landi, E.**, Landini, M., *Active region loop models and observations* 2004, IAU Symposium 219, 557
39. Landini, M., **Landi, E.**, Del Zanna, G., Risaliti, G., *The differential emission measure distribution of EQ Pegasi observed by BeppoSAX*, 2004, IAU Symposium 219, 893
40. Sylwester, B., Sylwester, J., Siarkowski, M., Phillips, K.J.H., & **Landi, E.** 2004, IAU Symp. 223, Cambridge University Press, p. 671-674
41. **Landi, E.**, K.P.Dere, P.R.Young, G.Del Zanna, H.E.Mason, M. Landini *Recent developments of the CHIANTI database in the X-ray wavelength range*, AIP Conf. Proc. 774, p. 409
42. **Landi, E.**, Phillips, K.J.H., Sylwester, J., Sylwester, B., Dennis, B.R., Dubau, J., 2005, *Dielectronic satellites near the $1s^2 - 1s2p(n > 2)$ lines of the He-like ions in solar X-ray spectra*, AIP Conf. Proc. 774, p. 173
43. Curdt, W., **Landi, E.**, Wang, T., Feldman, U., 2003, *In-situ heating in active region loops*, *Hvar Obs. Bull.*, 29, 157
44. Korendyke, C.M., Brown, C.M., Klimchuk, J.A., **Landi, E.**, Mariska, J.T., Seely, J.F., Vourlidis, A., *Design of the Very high Resolution Imaging Spectrograph: a sounding rocket mission for spectral imaging of the solar corona at subarcsecond scales*, 2005, Proc. SPIE
45. **Landi, E.**, Phillips, K.J.H., *Diagnostics of two X-ray flares using CHIANTI*, Proceedings of SOHO 16/ Solar Wind 11, SP-592, 499
46. **Landi, E.**, Landini, M., *Observations and models of solar active region loops*, Proceedings of SOHO 16/ Solar Wind 11, SP-592, 495
47. Curdt, W., **Landi, E.**, Wang, T., Feldman, U., *Evidence for In-situ heating in active region loops*, Proceedings of SOHO 16/ Solar Wind 11, SP-592, 475
48. Steffen, M., Schönberner, D., Warmuth, A., Schwöpe, A., **Landi, E.**, Perinotto, M., Bucciantini, N., *Modeling X-ray emission from planetary nebulae*, 2005, AIP Conf. Series, 804, 161
49. Dere, K.P., **Landi, E.**, Del Zanna, G., Young, P.R., Mason, H.E., & Landini, M., *Application of CHIANTI to Solar-B*, in *Astronomical Society of the Pacific Conference Series*, 369, 35
50. Dere, K.P., **Landi, E.**, *Application of CHIANTI to High Resolution Solar Spectra*, AGU Fall Meeting, San Francisco, Ca, USA December 5-9, 2005
51. **Landi, E.**, Dere, K.P., Young, P.R., Landini, M., Mason, H.E., Del Zanna, G., *The CHIANTI database*, in *Highlights of Astronomy*, vol. 13, p. 653
52. Korendyke, C.M., Brown, C., Dere, K.P., Doschek, G.A., Klimchuk, G.A., **Landi, E.**, Mariska, J.T., Warren, H., Lang, J., *Observations of the solar atmosphere with the Extreme Ultraviolet Imaging Spectrometer on Solar-B*, AGU Fall Meeting, San Francisco, Ca, USA December 5-9, 2005
53. Sylwester, B., Sylwester, J., Phillips, K.J.H., **Landi, E.**, *He-like triplets observed by RESIK*, 36th COSPAR Scientific Assembly, July 16-23, Beijing, China
54. Sylwester, J., Sylwester, B., **Landi, E.**, Phillips, K.J.H., Kuznetsov, V.D., *Determination of K, Ar, Cl, S and Si flare abundances from RESIK soft X-ray spectra*, 36th COSPAR Scientific Assembly, July 16-23, Beijing, China

55. Curdt, W., **Landi, E.**, *The transition region above sunspots*, Publications Astronomical Society of the Pacific
56. Curdt, W., **Landi, E.**, 2006, *The transition region above sunspots*, proceedings *SOHO 17- 10 years of SOHO and beyond*, ESA SP-617
57. **Landi, E.**, Feldman, U., Doschek, G.A., 2006, *Plasma diagnostics of the large-scale corona with SUMER*, proceedings of *SOHO 17- 10 years of SOHO and beyond*, ESA SP-617
58. Kucera, T.A., **Landi, E.**, 2006, *Prominence and Cool Loop Energetic Measured In The UV*, proceedings *SOHO 17- 10 years of SOHO and beyond*, Giardini Naxos, Italy, May 7-12, 2006
59. Kucera, T.A., **Landi, E.**, *Thermal analysis of post-eruption loops from 20000 to 2 million K*, poster at the 2006 annual meeting of the Solar Physics Division/AAS, Durham, New Hampshire, June 25-30, 2006
60. Miralles, M.P., Bhattacharjee, A., **Landi, E.**, Markovskii, S.A., Cranmer, S.R., Doschek, G.A., Forbes, T.G., Isenberg, P.A., Kohl, J.L., Ng, C.S., Raymond, J.C., & Vasquez, B.J. *LWS TR&T Solar Wind Focused Group: the Beginnings*, poster at the 2006 Fall meeting of the American Geophysical Union, San Francisco, Ca. Dec 11-15, 2006
61. Curdt, W., **Landi, E.**, *Sunspots: clouds on the Sun?*, poster at the conference The physics of chromospheric plasmas, Coimbra, Portugal, October 9-13, 2006
62. **Landi, E.**, Feldman, U., Doschek, G.A., 2006, *Ne and O absolute abundances in the solar corona*, poster at the 14th Cambridge Workshop on Cool Stars, Stellar Systems and the Sun in Pasadena, California, Nov 6-10, 2006.
63. Bryans, P., **Landi, E.**, Savin, D.W., 2007, *Implication for atomic physics from new ionization balance calculations and solar physics observations*, poster at the DAMOP/DAMP ϕ , Calgary, Alberta, Canada, June 5-9, 2007
64. Korendyke, C.M., Vourlidas, A., Brown, C.M., Klimchuk, J.A., **Landi, E.**, Seely, J.F., *Progress toward a Very high Resolution Imaging Spectrometers (VERIS)*, poster at the 2007 annual meeting of the Solar Physics Division/AAS, Honolulu, Hawaii, May 27-31 2007
65. Kucera, T.A., **Landi, E.**, *Observations of low level heating in an erupting prominence*, poster at the 2007 annual meeting of the Solar Physics Division/AAS, Honolulu, Hawaii, May 27-31 2007
66. Feldman, U., Seely, J.F., **Landi, E.**, Ralchenko, Y., *An EUV narrow band imaging technique for diagnosing 10-30 KeV ITER plasmas* poster at the *International Conference on burning plasma diagnostics*, Villa Monastero, Varenna, Italy, September 24-28, 2007
67. Bryans, P., Laming, J.M., **Landi, E.**, Savin, D.W., *Solar coronal observations and the implications of new ionization balance calculations*, poster at the SELAC Workshop on Atomic Ion Stage Abundances in Astrophysical Plasmas, Auburn, Al February 25-26 2008
68. **Landi, E.**, Bhatia, A.K., *Atomic Data and Spectral Line Intensities for Be-like ions*, poster at the SELAC Workshop on Atomic Ion Stage Abundances in Astrophysical Plasmas, Auburn, Al February 25-26 2008
69. Korendyke, C., Brown, C., Doschek, G.A., **Landi, E.**, Karpen, J., Ko, Y.-K., Laming, J.M., Mariska, J., Morrill, J., Muglach, K., Patsourakos, S., Seely, J., Ugarte-Urra, I., Vourlidas, A., & Warren, H.P., *Fine-scale Advanced Coronal and Transition region Spectrograph (FACTS)*, Poster at the *NASA Heliophysics Town Hall Meeting*, May 19-20, 2008, College Park, MD, 20740
70. Testa, P., **Landi, E.**, *Diagnostics of the thermal structure of off-disk quiet Sun plasma*, Poster at the 2008 AGU Joint Assembly, Fort Lauderdale, Florida, May 27-30, 2008
71. Kucera, T.A., **Landi, E.**, *Analysis of EUV, UV and H- α emission from two very different prominences*, Poster at the 2008 AGU Joint Assembly, Fort Lauderdale, Florida, May 27-30, 2008
72. Muglach, K., **Landi, E.**, Doschek, G.A., *The electron temperature of the solar transition region*, Abstract/Talk at the 2008 AGU Joint Assembly, Fort Lauderdale, Florida, May 27-30, 2008

73. Feldman, U., **Landi, E.**, Doschek, G.A., Seely, J.F., & Dammasch, I., *A proposed new method for the determination of the solar irradiance at $\lambda < 1200 \text{ \AA}$* , 37th COSPAR Scientific Assembly. Held 13-20 July 2008, in Montreal, Canada, p.866
74. **Landi, E.**, Feldman, U., *The thermal structure of the solar upper atmosphere* 2009, AIP Conference Proceedings Series 1161, 142
75. Young, P.R., & **Landi, E.**, *Improved atomic models for EUV imaging instruments* 2009, SPD meeting, Boulder, Co, June 14-18, 2009
76. **Landi, E.**, Cranmer, S.R., *Ion temperatures in the low solar corona: Polar coronal holes at solar minimum* 2010, AIP Conference Proceedings Series, 428, 197
77. **Landi, E.**, Raymond, J.C., Miralles, M.P., Hara, H., *Physical conditions in a CME from Hinode, STEREO and SOHO observations* 2010, AIP Conference Proceedings Series, 428, 201
78. Testa, P., **Landi, E.**, Drake, J.J., *Testing Atomic Data for the SDO AIA and EVE Missions* 2010, SPD meeting, Miami, Fl, May 23-27, 2010
79. Hahn, M., Savin, D.W., **Landi, E.**, Bryans, P., Miralles, M.P., *Properties of the Solar Corona above a Polar Coronal Hole during the Recent Solar Minimum* 2010, SPD meeting, Miami, Fl, May 23-27, 2010
80. Ko, Y.-K., **Landi, E.**, Young, P.R., Feldman, U., & Warren, H.P., *Variations in a decaying EUV-bright region*, poster at the conference *Hinode-4: unsolved problems and recent insights*, Mondello, Italy 11-15 October 2010
81. Hahn, M., Savin, D.W., **Landi, E.**, *Differential Emission Measure Analysis of a Polar Coronal Hole during the Recent Solar Minimum*, poster at 2011, SPD meeting, Las Cruces, NM, June 12-16 2011
82. Alexander, R.L., Gilbert, J.A., **Landi, E.**, Simoni, M., & Zurbuchen, T.H. *Audification as a diagnostic tool for exploratory heliospheric data analysis*, proceedings of the 17th International Conference on Auditory Display (ICAD-2011), Budapest, Hungary, June 20-24, 2011
83. Meng J., Manchester, W.B., van der Holst, B., Gruesbeck, J.R., Frazin, R.A., **Landi, E.**, Vazquez, A.M., Lamy, P.L., Llebaria, A., Fedorov, A., Toth, G., & Gombosi, T.I. *A global two-temperature corona and inner heliosphere model: a validation study*, poster at the 2011 SHINE Conference, Snowmass, CO, July 11-15, 2011
84. **Landi, E.**, Alexander, R.L., Gruesbeck, J.R., Gilbert, J.A., Lepri, S.T., Manchester, W.B., & Zurbuchen, T.H. *Carbon Ionization Stages as a diagnostic of the solar wind* poster at the 2011 SHINE Conference, Snowmass, CO, July 11-15, 2011
85. Hahn, M., Savin, D.W., **Landi, E.**, *Differential Emission Measure analysis of a polar coronal hole during the recent solar minimum*, poster at the 2011 SHINE Conference, Snowmass, CO, July 11-15, 2011
86. Frazin, R.A., Vazquez, A.M., **Landi, E.**, Manchester, W.B., & Huang, Z., *First results from Differential Emission Measure Tomography with SDO/AIA*, 2011 SPD meeting, Las Cruces, NM, June 12-16, 2011
87. Brosius, J.W., Wang, T.J., Rabin, D.M., & **Landi, E.**, *Coronal bright points and quiet Sun areas observed with EUNIS-07 and EIS*, 2011 SPD meeting, Las Cruces, NM, June 12-16, 2011
88. Hahn, M., Savin, D.W., **Landi, E.**, *Differential Emission Measure analysis of a polar coronal hole during the recent solar minimum*, 2011 SPD meeting, Las Cruces, NM, June 12-16, 2011
89. McLaughlin, B.M., Teck-Ghee L., Ludlow, J.A., **Landi, E.**, Loch, S.D., Pindzola, M.S., & Ballance, C.P., *Electron-impact excitation of the Ne^{2+} O-like ion* poster at the XXVII international conference on photonic, electronic and atomic collisions, Belfast, Northern Ireland, Jul 27-Aug 2, 2011
90. Miralles, M.P. **Landi, E.**, Cranmer, S.R., Raymond, J.C., *Characterization of solar wind sources*, AGU Fall Meeting, San Francisco, Ca, USA December 5-9, 2011
91. T.A. Kucera, S.E. Gibson, D.J. Schmit, **E. Landi**, D. Tripathi *Temperature Structure of a Coronal Cavity* 2012 SPD meeting, Anchorage, Alaska, June 10-14, 2012

92. Habbal, S.R., **E. Landi**, Morgan, H., Druckmuller, M., Ding, A. *Coordinated visible, EUV and white light observations of the extended corona during the 2010 July 11 total solar eclipse*, 2012 SPD meeting, Anchorage, Alaska, June 10-14, 2012
93. Hahn, M., **E. Landi**, Savin, D.W., *Evidence for wave damping at low heights in a polar coronal hole* 2012 SPD meeting, Anchorage, Alaska, June 10-14, 2012
94. Testa, P., **Landi, E.**, Saar, S. *The thermal and spatial structure of the solar corona over the cycle and its implication for the coronae of inactive stars*, poster at the 17th Cambridge Workshop on Cools Stars, Stellar Systems and the Sun, Barcelona, Spain, June 24-29, 2012
95. Reale, F., **Landi, E.**, Orlando, S., *Catastrophic cooling in the evolution of coronal flaring plasma* poster at the 17th Cambridge Workshop on Cools Stars, Stellar Systems and the Sun, Barcelona, Spain, June 24-29, 2012
96. Huang, Z., Frazin, R.A., **Landi, E.**, Manchester IV, W.B., Vásquez, A.M., Gombosi, T.I., *The Newly Discovered Global Temperature Structures in Different Solar Rotation*, poster at the SHINE conference, Maui, HI, June 24-29 2012
97. Gilbert, J.A., Lepri, S.T., **Landi, E.**, & Zurbuchen, T.H. *Complete heavy ion charge state distributions of solar wind heavy ions associated with ICMEs* poster at the SHINE conference, Maui, HI, June 24-29 2012
98. Young, P.R., Del Zanna, G., Dere, K.P., **Landi, E.**, Mason, H.E. *The CHIANTI atomic database: new improvements for solar physics applications*, poster at the *Eight International Conference on Atomic and Molecular Data and Their Applications*, Washington, DC, September 30-October 4 2012
99. A.K. Bhatia, **Landi, E.**, *Atomic data for the CHIANTI database* poster at the *Eight International Conference on Atomic and Molecular Data and Their Applications*, Washington, DC, September 30-October 4 2012
100. Oran, R., van der Holst, B., **Landi, E.**, Gruesbeck, J.R., Sokolov, I., Gombosi, T.I., *Using heavy ion emission and charge state distributions to validate a global 3D two-temperature alfvénic turbulence driven solar model* AGU Fall Meeting, San Francisco, Ca, USA December 3-7, 2012
101. Miralles, M.P., **Landi, E.**, Cranmer, S.R., Cohen, O., & Raymond, J.C., *Coronal streamers and their associated solar wind streams*, AGU Fall Meeting, San Francisco, Ca, USA December 3-7, 2012
102. Weberg, M.J., Zurbuchen, T.H., Lepri, S.T., **Landi, E.**, *Reoccurring heavy ion dropouts in the solar wind* AGU Fall Meeting, San Francisco, Ca, USA December 3-7, 2012
103. McLaughlin, B.M, Teck-Ghee L., Ludlow, J.A., **Landi, E.**, Loch, S.D., Pindzola, M.S., & Ballance, C.P., *Electron-impact excitation of the Ne²⁺ O-like ion* 2012, Journal of Physics: Conference Series, 388, 062004
104. Miralles, M.P., **Landi, E.**, Cranmer, S.R., Cohen, O., Raymond, J.C., Rona, O. *Comparison of Coronal Streamer Properties to Solar Wind Models For The Last Two Solar Cycle Minima*, 2013, poster at the 2013 SPD meeting, Bozeman, MT July 8-11 2013
105. Mason, H.E., Del Zanna, G., Young, P.R., Dere, K.P., & **Landi, E.**, *The CHIANTI atomic database*, 2013, poster at the 2013 UK National Astronomy Meeting, Univ. St. Andrews, UK, July 1-5 2013
106. Oran, R., van der Holst, B., **Landi, E.**, Gombosi, T.I., *Heating of coronal streamers: a combined study using a 3D Alfvén wave solar model and SUMER observations*, poster at the SHINE conference, Buford, GA, June 24-28 2013
107. Zhao, L., **Landi, E.**, Fisk, L.A., *Polar- and equatorial-coronal-hole wind at solar minima: ACE and Ulysses observations*, poster at the SHINE conference, Buford, GA, June 24-28 2013
108. Vasquez, A.M., Nuevo, F., Frazin, R.A., & **Landi, E.**, *The multi-modal DEM of coronal streamers as seen by SDO/AIA tomography*, poster at the AGU Fall Meeting, San Francisco, Ca, USA December 9-13, 2013

109. Korendyke, C., Chua, D., Tun, S., Vourlidis, A., Morrill, J.S., Brown, C., McMullin, D.R., Warren, H.P., Ugarte-Urra, I., Young, P.R., **Landi, E.**, Davila, J.M., & Klimchuk, J.A. *High Resolution EUV spectroscopy: Design and Performance of VERIS*, poster at the AGU Fall Meeting, San Francisco, Ca, USA December 9-13, 2013
110. Miralles, M.P., **Landi, E.**, Cranmer, S.R., Raymond, J.C., Cohen, O., & Oran, R., *Determining the Coronal Origin of the Slow Solar Wind Using Remote Sensing and In Situ Observations*, poster at the AGU Fall Meeting, San Francisco, Ca, USA December 9-13, 2013
111. Rabin, D.M., **Landi, E.**, Daw, A.N., & Brosius, J.W., *Spatially Resolved Differential Emission Measures from EUNIS*, poster at the AGU Fall Meeting, San Francisco, Ca, USA December 9-13, 2013
112. Daw, A.N., Rabin, D.M., Brosius, J.W., **Landi, E.**, & Klimchuk, J.A. *Coronal Heating Diagnostics from EUNIS 2013*, poster at the AGU Fall Meeting, San Francisco, Ca, USA December 9-13, 2013
113. Oran, R., van der Holst, B., **Landi, E.**, & Gombosi, T.I., *Sun-to-Earth Analysis of Heavy Ion Charge States and Solar Wind Properties in Pseudo Streamers*, poster at the AGU Fall Meeting, San Francisco, Ca, USA December 9-13, 2013
114. Zhao, L., **Landi, E.**, *Latitudinal dependence of coronal hole-associated fast solar wind*, 2014, ASP Conference Series, Q. Hu and G.P. Zank editors, Astronomical Soc. Pacific
115. Nuevo, F., Vasquez, A.M., Frazin, R.A., & **Landi, E.**, *Multi-modal DEM in the solar corona*, Asociacion Argentina de Astronomia, BAAA, Vo. 56, 2013 A.C.Rovero, P.B. Tissera, L.J. Pellizza & M. Lares eds.
116. Del Zanna, G., Mason, H.E., Young, P.R., Dere, K.P., & **Landi, E.** *The CHIANTI atomic database version 8*, 2014, poster at the 2014 European Solar Physics meetin, Dublin, Ireland, Sept 8-12, 2014
117. Avrett, E., Tian, H., **Landi, E.**, Curdt, W., & Wuelser, J.-P., *Semiempirical modeling of sunspots*, IRIS-4 Workshop, Boulder, Co, May 18-22 2015
118. Mac Cormack, C., Lopez fuentes, M., Vasquez, A.M. Nuevo, F.A., Frazin, R.A., **Landi, E.**, *Comparison between two models of energy balance in coronal loops*, 2015, BAAA, 58, 2015
119. Zhao, L., **Landi, E.**, Kocher, M., Lepri, S.T., Fisk, L.A., & Zurbuchen, T.H. *Anomalously low O^{7+}/O^{6+} ratio in solar wind: ACE/SWICS observation*, 2016, AIP Conf. Proc, 1720, 020006
120. Zhao, L., **Landi, E.**, Fisk, L.A., & Lepri, S.T. *The coherent relation between the solar wind proton speed and O^{7+}/O^{6+} ratio and its coronal sources*, 2016, AIP Conf. Proc, 1720, 020007
121. Fludra, A., **Landi, E.**, *Testing models of the fast solar wind using spectroscopic and in situ observations*, 2017, Proceedings IAU symposium 335, Foullon & Malandraki eds.
122. Thompson, M.J., Tomczyk, S., Gibson, S.E., McIntosh, S.W., **Landi, E.**, *The Coronal Solar Magnetism Observatory*, 2017, Proceedings IAU symposium 335, Foullon & Malandraki eds.

Seminars and Invited Talks

1. *The CHIANTI database*, in *Getting started with CDS* workshop, Abingdon, UK, May 1996
2. *Extracting spectral intensities from CDS*, II ADAS workshop, Abingdon, UK, November 1996
3. *The CDS spectrum*, III ADAS workshop, Abingdon, UK, November 1997
4. *Temperature and density diagnostics of quiet Sun and active regions observed with CDS-NIS on SOHO*, invited talk at the *UK National Astronomy Meeting*, St. Andrews, UK, April 1998
5. *SERTS observations of Fe XII*, invited talk at the *Iron Project Meeting*, Abingdon, UK, July 1998
6. *Diagnostics of solar and stellar coronal plasma*, Seminar Talk at the University of Florence, Italy, November 1998
7. *The CHIANTI project*, invited talk at the conference *Astrophysical Plasmas, Codes, Models and Observations*, Mexico City, Mexico, October 25-29, 1999
8. *CDS observations of active region loops*, invited talk at the 2nd Solar-B Science Meeting, Sagamihara, Japan, December 4-6, 2000
9. *The CHIANTI database*, invited talk at the conference *New Visions of the X-ray Universe*, ESTEC, Noordwijk, The Netherlands, November 26-30, 2001
10. *Measuring the temperature of CDS loops*, invited talk at the *Coronal Loops Workshop*, Istitute d'Astrophysique Spatiale, Orsay, Paris, November 13-15, 2002
11. *Plasma diagnostics with bremsstrahlung in the solar atmosphere*, Solar Science Seminar, Goddard Space Flight Center, January 22, 2003
12. *The CHIANTI database*, invited talk at the *Joint Discussion 17: Atomic Data for X-Ray Astronomy*, XXV IAU General Assembly, Sydney, Australia, July 13-26, 2003
13. *SOHO/CDS observations and models of solar magnetic loops*, invited talk at the *Symposium 219: Stars as Suns: Activity, Evolution and Planets*, XXV IAU General Assembly, Sydney, Australia, July 13-26, 2003
14. *Plasma diagnostics with high-resolution soft X-ray observations of the Sun*, invited talk at the *American Physical Society April meeting 2004*, Denver, Colorado, May 1-4, 2004.
15. *Comparison of loop models and SOHO observations*, invited talk at the *Solar Coronal Loops Workshop*, Palermo, Italy, 1-3 September 2004
16. *Recent advances in the CHIANTI database in the X-ray range*, invited talk at the *X-ray diagnostics for astrophysical plasmas*, Cambridge, MA, 15-17 November 2004
17. *CHIANTI - An atomic database for X-ray spectroscopy*, invited talk at the *X-ray spectroscopy and plasma diagnostics from the RESIK, RHESSI and SPIRIT instruments* Workshop, Wroclaw, Poland 6-8 December 2005
18. *The CHIANTI database*, invited talk at the *Iron Project Meeting*, Rutherford Appleton Laboratory, UK, December 15-16 2005
19. *Plasma diagnostics of the large-scale corona with SUMER*, invited talk at the *SOHO 17- 10 years of SOHO and beyond*, Giardini Naxos, Italy, May 7-12, 2006
20. *Recent advances in the CHIANTI project*, invited talk at the *High Accuracy Atomic Physics in Astronomy*, Cambridge, Ma, August 7-9, 2006
21. *Benchmarking atomic data for X-ray lines*, invited talk at the *High Accuracy Atomic Physics in Astronomy*, Cambridge, Ma, August 7-9, 2006

22. *Abundance measurements with EUV and UV spectra: how good are they?*, invited talk at the *14th Cambridge Workshop on Cools Stars, Stellar Systems and the Sun*, Pasadena, Ca, November 6-10, 2006
23. *The thermal structure of the solar corona*, seminar at the Institute of Space and Astronautical Sciences (ISAS), Tokyo, Japan, November 15, 2007
24. *The thermal structure of the solar corona*, seminar at the Harvard-Smithsonian Center for Astrophysics, Cambridge, Ma, USA, November 26, 2007
25. *The thermal structure of the solar corona*, seminar at the Naval Research Laboratory, Washington, DC, USA November 29, 2007
26. *The CHIANTI atomic data for astrophysics project: Recent advances* invited talk at the *SELAC workshop on atomic ion stage abundances in astrophysical plasmas*, Auburn, Al, USA, February 25-26 2008
27. *CME and current sheet observations from Hinode/EIS and SUMER* invited talk at the *2008 CME Workshp*, Cambridge, Ma, August 13-15 2008
28. *Spectral observations of the heating of CME ejecta* invited talk at the *SECCHI Team Meeting*, Washington, DC October 22-24 2008
29. *Solar abundances - an overview* seminar at Rice University, Houston, TX, February 25, 2009
30. *The thermal structure of the solar upper atmosphere* invited review at the *Atomic Processes in Plasmas 2009* conference, Monterey, Ca, March 22-26 2009
31. *Physical conditions in a CME from Hinode, STEREO, and SOHO observations* seminar at the Harvard-Smithsonian Center for Astrophysics, Cambridge, Ma, November 9, 2009
32. *Physical conditions in a CME from Hinode, STEREO, and SOHO observations*, seminar at the NASA/Goddard Space Flight Center, Greenbelt, Md, March 10, 2010
33. *Physical conditions in a CME from Hinode, STEREO, and SOHO observations*, seminar at the University of Michigan, Ann Arbor, Mi, March 18, 2010
34. *Plasma diagnostics of a CME-associated current sheet*, invited talk at the *Solar Plasma Spectroscopy: Achievements and Future Challenges* conference, Cambridge, UK, Sep 13-15 2010
35. *Physical conditions in a CME from Hinode, STEREO, and SOHO observations*, talk at the 2010 AGU Fall Meeting, San Francisco, CA Dec 12-17, 2010
36. *Coronal Mass Ejections*, seminar at the Western Michigan University, Kalamazoo, MI Mar 14, 2011
37. *The X-ray Sun*, invited talk at the APS/DAMOP meeting, Atlanta GA Jun 14, 2011
38. *Anatomy of a CME from multispacraft observations*, seminar at the Institute for Astronomy, University of Hawaii, Jan 13, 2012
39. *Solar wind diagnostic using both in-situ and spectroscopic measurements*, talk at the Workshop on Coronal Magnetism, Boulder, Co, May 21-23, 2012
40. *Solar wind diagnostic using both in-situ and spectroscopic measurements*, Seminar at the High Altitude Observatory, Boulder Co, May 24, 2012
41. *Solar wind diagnostic using both in-situ and spectroscopic measurements*, Invited talk at 2012 SHINE workshop, Maui, HI Jun 25-29 2012
42. *CHIANTI – an atomic database for astrophysical plasmas*, invited talk at the *Joint IAEA-NFRI technical meeting on data evaluation for atomic, molecular and plasmas-material interaction processes in fusion*, Daejeon, South Korea, Sep 4, 2012
43. *Coronal Plasma Diagnostics from COSMO*, seminar at the High Altitude Observatory, Boulder, Co, Nov 15, 2012
44. *The CHIANTI spectral code*, seminar at the High Altitude Observatory, Boulder, Co, Sep 24, 2013

45. *Coronal Plasma Diagnostics from Visible Lines*, invited talk at the *ATST Coronal Workshop*, Boulder, Co, Nov 21-22 2013
46. *Coronal Plasma Diagnostics from COSMO*, invited talk at the *Measurement Techniques in Solar and Space Physics*, Boulder, Co, Apr 20-24 2015
47. *Element Abundances in the Sun and Solar Wind Along the Solar Cycle*, Invited talk at the *2015 Triennial Earth Sun Summit*, Indianapolis, In, Apr 27-30 2015
48. *Diagnostic tools and recent results on solar wind origin and acceleration*, Invited talk at the *SPP Science Working Group workshop*, Ann Arbor, MI, May 12-13 2015
49. *Solar coronal abundances*, Invited talk at the *Solar Stellar Connection Workshop*, Ann Arbor, MI, May 18-19 2015
50. *The COSMO observatory*, Seminar at the University of Michigan, Ann Arbor, MI, Jan 14 2016
51. *In-situ and remote sensing studies of solar wind origin and acceleration*, Invited talk at the *15th Annual International Astrophysics Conference*, Cape Coral, FL, Apr 4 2016
52. *Thermal environment of the solar atmosphere*, Invited talk at the *Exploring the geospace frontier: quo vadis?*, Boulder, CO, May 25-27 2016
53. *Diagnostics and empirical modeling of heating and cooling of CME plasmas from remote sensing and in-situ observations*, Invited talk at the *17th Annual International Astrophysics Conference*, Santa Fe, NM, Mar 9 2018