

GELU M. NITA

• PRESENTATIONS AT SCIENTIFIC MEETINGS AND SYMPOSIA

32. *A Spectral Kurtosis Based Radio Frequency Interference Excision Algorithm* **G.M. Nita**, D.E. Gary, Z. Liu, G.J. Hurford, S.M. White
North American Radio Science Meeting URSI 2007, 22-26 July 2007, Ottawa, Canada (Invited)
31. *A New Instrument for Studying Radio Frequency Interference Mitigation*
D.E. Gary, Liu, **G.M. Nita**, G.J. Hurford, S.M. White
North American Radio Science Meeting URSI 2007, 22-26 July 2007, Ottawa, Canada (Invited)
30. *Interferometric Observations of the Record-Breaking Decimetric Solar Radio Event of 2006 December 06*
Gary, Dale E.; White, S. M.; Hurford, G. J.; **Nita, G. M.**; Liu, Z.
2007 AAS/AAPT Joint Meeting, American Astronomical Society Meeting 210, #93.29
29. *Positional Properties of Solar Decimetric Fiber Bursts*
Liu, Zhiwei; Gary, D. E.; **Nita, G. M.**; White, S. M.; Hurford, G. J.
2007 AAS/AAPT Joint Meeting, American Astronomical Society Meeting 210, #93.28
28. *Fiber Bursts in Solar Flares at High Time and Frequency Resolution*
White, Stephen M.; Liu, Z.; Gary, D. E.; **Nita, G. M.**; Hurford, G. J.
2007 AAS/AAPT Joint Meeting, American Astronomical Society Meeting 210, #68.06
27. *Acoustic behavior of finite ferromagnetic samples*
N. Cretu, **G. Nita**, and A. Boer, [Proceedings of the International Congress on Ultrasonics](#), Vienna, April 9-13, 2007, Paper ID 1032, Session R21: Physical acoustics
26. *First Solar Results with the FASR Subsystem Testbed*
Gary, Dale E.; Hurford, G. J.; Liu, Z.; **Nita, G. M.**; White, S. M.
American Astronomical Society, SPD meeting #37, #25.02
25. *FASR Subsystem Testbed*
Liu, Zhiwei; Gary, D. E.; **Nita, G. M.**; White, S. M.; Hurford, G. J.
American Astronomical Society, SPD meeting #37, #6.02
24. *Spatially Resolved Observations Confirm Transition Radiation in a Solar Radio Burst*
Nita, G. M., Gary, D. E., Fleishman, G. D.
American Geophysical Union, Spring Meeting 2005, 22-27 May 2005, New Orleans, LA.

23. *Imaging Type III dm Burst Trajectories*
Liu, Z., Gary, D. E., **Nita, G. M.**, White, S. M., Hurford, G. J.
American Geophysical Union, Spring Meeting 2005, 22-27 May 2005, New Orleans, LA.
22. *Solar Radio Bursts and Their Potential Effects on Microwave Radio Systems*
D. E. Gary, **G. M. Nita**, L. J. Lanzerotti
Space Environment Center Space Weather Week, Boulder, Co, 5 -8 April, 2005.
21. *Decimetric Continuum Bursts Observed with the Owens Valley Solar Array*
Nita, G. M., Fleishman, G. D., Gary, D. E.
Mini Space Physics Workshop, Princeton Plasma Physics Laboratory, August 10-12, 2004.
20. *Decimetric Continuum Bursts Observed with the Owens Valley Solar Array*
Nita, G. M., Fleishman, G. D., Gary, D. E.
223 IAU Symposium, 14-19 June 2004, St. Petersburg, Russia.
19. *Decimetric Spikes -To-Microwave Continuum Correlation In Solar Flares*
D.E. Gary, G.D. Fleishman, **G. Nita**
CESRA Workshop "The high energy solar corona: waves, eruptions, particles", 7 -11 June 2004, Sabhal Mor Ostaig, Isle of Skye, Scotland, United Kingdom.
18. *Decimetric Continuum Bursts Observed with the Owens Valley Solar Array*
Nita, G. M., Fleishman, G. D., Gary, D. E.
204th Meeting of American Astronomical Society, Denver, Co, May 31-June 4, 2004.
17. *A New Radio Diagnostic for Razin Suppression*
Gary, D. E., Melnikov, V. F., **Nita, G. M.**
204th Meeting of American Astronomical Society, Denver, Co, May 31-June 4, 2004.
16. *Statistical Evidence for a Frequency Dependent Flux Limit of Solar Radio Bursts in the GHz Range*
Gelu M. Nita, Louis J. Lanzerotti and Dale E. Gary
Space Environment Center Space Weather Week, Boulder, Co, 13 -16 April, 2004.
15. *Statistical Study of Flare Radio Spectra obtained with OVSA*
Nita, G. M., Gary, D. E., Lee, J.
34th Meeting of the Solar Physics Division, John Hopkins University, Columbia, MD, 16-20 June 2003.

14. Spectral Dynamics of Solar Broadband Microwave Bursts Melnikov, V. F., Gary, D. E., **Nita, G. M.**
34th Meeting of the Solar Physics Division, John Hopkins University, Columbia, MD, 16-20 June 2003.
13. *Ha , EUV, and Microwave Observations of a Large Flare as Evidence for Spontaneous Magnetic Reconnection*
Lee, J., Gallagher, P. T., Gary, D. E., **Nita, G. M.**, Choe, G. S.
34th Meeting of the Solar Physics Division, John Hopkins University, Columbia, MD, 16-20 June 2003.
12. *Decimetric-To-Microwave Continuum Correlation In Solar Flares*
D.E. Gary, **G. Nita** ,G.D. Fleishman
International Conference "Actual Physical Problems of Solar and Stellar Activity", 2003 June, 2-7, Nizhny Novgorod, Russia.
11. *Decimetric Spikes -To-Microwave Continuum Correlation In Solar Flares*
D.E. Gary, G.D. Fleishman, **G. Nita**
International Conference "Actual Physical Problems of Solar and Stellar Activity", 2003 June, 2-7, Nizhny Novgorod, Russia.
10. *Effects of Solar Radio Bursts on Wireless Systems*
Dale E. Gary, Louis J. Lanzerotti, **Gelu M. Nita** and David J. Thomson
ESPIRIT, NATO Advanced Research Workshop, 25-29 March 2003, Rhodes, Greece.
9. *Modulation of the Nucleation Rate Pre-Exponential in Low-Temperature Dynamic Ising Systems*
Shneidman, V. A., **Nita, G. M.**
Annual American Physical Society March Meeting 2003, Austin, TX, 3-7 March 2003.
8. *Noise in Wireless Systems from Solar Radio Bursts*
Lanzerotti, L., Gary, D., Nita, G., Thomson, D., MacLennan, C.
34th COSPAR Scientific Assembly, The Second World Space Congress, Houston, TX, 10-19 October, 2002.
7. *Solar Radio Bursts and their Effects on Wireless Systems*
Gary, D. E., Lanzerotti, L. J., **Nita, G. M.**, Thomson, D. J.
200th Meeting of the American Astronomical Society, Albuquerque, NM, 2-6 June 2002.
6. *First Results of Joint OVSA and HESSI Observations*
Gary, D. E., Schmahl, E. J., **Nita, G. M.**
200th Meeting of the American Astronomical Society, Albuquerque, NM, 2-6 June 2002.
5. *Noise in Wireless Systems from Solar Radio Bursts*
Lanzerotti, L. J., Gary, D. E., **Nita, G. M.**, Thomson, D. J., MacLennan,

C. G.

EGS XXVII General Assembly, Nice, France, 21-26 April 2002.

4. *Effect of Solar Bursts on Wireless Communication Systems*
Nita, G. M., Gary, D. E., Lanzerotti, L. J., Thomson, D.J.
Space Environment Center Space Weather Week, Boulder, Co, 16-19 April 2002.
3. *The nucleation rate pre-exponential in a low-temperature Ising system*
Vitaly Shneidman, **Gelu Nita**
American Physical Society, Annual APS March Meeting, March 18 - 22, 2002 Indiana Convention Center; Indianapolis.
2. *40 Years of Solar Microwave Burst Flux Measurements*
Nita, G., Gary, D. E., Lanzerotti, L. J., Thomson, D. J.
American Geophysical Union, Spring Meeting 2001, Boston, MA, 29 May-2 June 2001.
1. *A Semianalytical Method for Studying the Acoustic Pulse Propagation in Elastic Inhomogeneous 1-D Media*
Cretu, N., **Nita, G.**, Sturzu, I., Rosca, C.
Integral Methods in Science and Engineering 1998, Mich. Tech. University, Houghton, MI, 10-13 August 1998.

● **SCIENTIFIC WORKSHOPS ATTENDED**

4. Second General RHESSI Workshop, 20-21 June 2003, SSAI Headquarters, Lanham, MD 20706, USA.
3. FASR Software Workshop, 28-29 May 2003, University of Maryland, College Park, MD, USA.
2. FASR Workshop, 23-25 May 2002, National Radio Astronomy Observatory, Green Bank, WV 24944 USA.
1. FASR Workshop, October 2001, New Jersey Institute of Technology, Newark, NJ, USA.