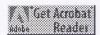
# Domenico Lanera Publications, Presentations, and Other Work

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#### 1. Publications and Presentations

- 1. <u>Cost and Benefit Considerations of Power Line Grounding Improvements.</u> D. Lanera and J. A. Colby. Proceedings of the American Power Conference, Vol. 58, April 1998.
- 2. Methodology for Measuring Maximum Touch Current Near Grounded Systems at

- <u>Industrial and Power Facilities.</u> D. Lanera. Proceedings of the American Power Conference, Vol. 58, April 1998.
- 3. <u>Distribution Line Grounding Improvements and Their Effects on Extremely Low Frequency Interference.</u> D. Lanera and J. A. Colby. Proceedings of the American Power Conference, April 1997.
- 4. <u>A Study of Magnetic Fields from Power- on Water Lines.</u> D. Lanera, J. E. Zapotosky, and J. A. Colby. Bioelectromagnetics, 1998. FrequencyCurrent
- 5. The Nature and Variability of Ground Current as a Source of Residential Magnetic Field. D. Lanera, J. E. Zapotosky, and J. A. Colby. Proceedings of the American Power Conference, Vol. 58-I, p. 252, April 1996.
- 6. A Power Meter Application for the Control of Power Quality and Service.
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- 7. Water Lines and Their Epidemiological Relevance in Differentiating Rural from Urban Magnetic Field Exposure. D. Lanera. Presentation at The 17th Annual Technical Meeting of the Bioelectromagnetics Society, Boston, Massachusetts, June 21, 1995.
- 8. The Effect of Urban Plumbing on Power Line Grounding, Ground and Magnetic Fields. D. Lanera, J. A. Colby, and D. Puskala. Proceedings of the American Power Conference, Vol. 57-I, p. 194, April 1995.
- 9. <u>Contact Resistance Characterization for Step-Voltage and Body-Current Testing.</u> D. Lanera and J. Enk. Proceedings of the American Power Conference, Vol. 56-II, p. 1605, April 1994.
- 10. <u>Seasonal Variations of Grounding Impedance and Neutral Voltagein Cold Climates.</u> D. Lanera and J. A. Colby. Proceedings of the American Power Conference, Vol. 56-II, p. 1617, April 1994.
- 11. The Impact on Neutral Voltage of Large-Scale Residential Neutral Isolation. D. Lanera and J. Enk. Proceedings of the American Power Conference, Vol. 55-II, p. 1680, April 1993.
- 12. <u>Measuring the Effects of Connecting t he Distribution Neutral to Residential Plumbing for Grounding Purposes.</u> D. Lanera. Poster Presentation at the Annual Review of Research on Biological Effects of Electric and Magnetic Fields from the Generation, Delivery and Use of Electricity, U.S. Department of Energy, Savannah, Georgia, October 31, 1993.

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- 1. Referencing of Mitigated Telephone Facilities and the Labeling. D. Lanera. July 1, 1996.
- 2. ELF Mitigation Failure Monitoring and Accident Prevention: Levels of Intervention and the Merits of Continuous, Automated Monitoring. D. Lanera. May 23, 1996.
- 3. ELF MAID: (ELF Monitoring, Adaptive, and Intelligent Device), Specifications. D. Lanera. May 10, 1996.
- 4. Payback Analysis for the Replacement of Metallic Telephone Pedestals. D. Lanera. April 18, 1996.
- 5. Telephone Drop-Sheath Isolation Engineering and the Use of Telephone Protectors as Insulating Joints. D. Lanera. December 12, 1995. Water Lines and Their Epidemiological Relevance in Differentiating Rural From Urban Magnetic Field Exposure. D. Lanera, J. E. Zapotosky, and J. A. Colby. January 1995.
- 6. Magnetic Field Uniformity in Laboratory Studies of EMF Effects on Small Animals. D. Lanera, February 1994.
- 7. Threshold Considerations for Farm Mitigation; An Analysis of ELF-Mitigated Farms in Upper Michigan. D. Lanera. July 1993.
- 8. Neutral Isolation as a Means of Mitigating Electromagnetic Fields. D. Lanera. April 1993.

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- 10. Testing for Touch and Step Potentials. D. Lanera. February 1988.
- 11. Transformer Leakage Problem Investigation Procedure. D. Lanera. October 1987.
- 12. Measuring the Effects of Connecting the Distribution Neutral to Residential Plumbing for Grounding Purposes. D. Lanera. October 1993.

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- 1. Some Thoughts on ELF Interference Mitigation Maintenance. D. Lanera. IITRI, February 1993.
- 2. ELF Interference Mitigation: Background. D. Lanera. Computer Presentation, January 1992.
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- 4. ELF Interference Mitigation: UPPCO. D. Lanera. Computer Presentation, January 1992.
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- 11. ELF Interference Mitigation for Farms, and ELF Interference Mitigation For Farms Engineering Reference Manual. D. Lanera. October 1986.
- 12. ELF Interference Testing and Test Boxes. D. Lanera. June 1985.
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- 28. Interface Instructions for ATCBI-4 Radar Beacon Interrogator in Associated Operation with FAA Equipment. D. Lanera. FAA 6360.6, January 1974.
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- 2. Maps for Locating Test Boxes, Test Box Location Data Base, Grounding Sketches: Cornell Power Distribution System (Alger Delta Electrical Cooperative Assn.). D. Lanera. Project ELF, IITRI Report, October 1987.
- 3. ELF Interference Mitigation CATV Systems: Data Base for CATV Measurement Test Points, ParCable Cable Television System. D. Lanera and D. Osowski. Project ELF, IITRI Report, August 1988.
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- 3. Electric and Magnetic Fields RAPID Program Engineering Projects: Project 4, Development of Recommendations for Guidelines for Personal Exposure Measurement. D. Lanera. Proposal 94-616AE, September 1994.
- 4. To Survey the Technology of Low-Frequency Electrical Isolation of Residential Grounding from Utility Systems and to Prepare a Digest/Sourcebook on the Subject. D. Lanera. October 1992.

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