

Kelly Robinson, PE, PhD

IEEE Fellow, Patent Agent

Owner, Electrostatic Answers

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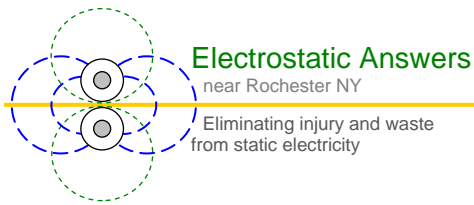
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- GOALS**
- Eliminate injury and waste from static electricity.
 - Diagnose root causes and deliver robust solutions for electrostatic problems in technology invention, development, product commercialization, manufacturing process development, industrial production, assembly, and in customer applications.
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SUMMARY OF QUALIFICATIONS

- **Over 25 years of engineering experience** solving static problems in film forming, converting (slitting, chopping, sheeting, packaging), solvent coating, plastic parts manufacturing (injection molding, vibratory sorting, pneumatic transport), roll-to-roll manufacturing, copier technology, ESD protection in product design, manufacturing, and customer use.
- **IEEE Fellow** cited for “contributions to electrostatic performance of manufacturing processes and imaging devices.”
- **Journal of Electrostatics** – member Editorial Board
- **Professional Engineer** – New York State License number: 088222
- **Patent Agent** – US Patent and Trademark Office Registration number: 66,336
- **Expert Witness** experience on cases involving patent infringement and theft of trade secrets; expert reports, testimony at deposition.
- **Technical Editor** who works with the authors to clarify their technical manuscripts so that the resulting publication is a clear and professional presentation of the author’s fine work.
- **Ph.D. & M.S.** in Electrical Engineering – electrostatics, data acquisition, analog circuits, interfacing instruments with computers, computer programming
- **B.S.** in Engineering Science – electromagnetics, fluid mechanics, applied mathematics
- **Programming Skills** - proficient in Matlab, LabView
- **13 US Patents** on sheet and film products, electronic displays, copier technologies, and coating technologies. 3 pending applications on static neutralization and electrostatic instrumentation.
- **Award winning** technical author and engineer
 - 2011 Fellow, Institute of Electrical and Electronics Engineers
 - 2011 Honorable Mention, AIMCAL Matteucci Technical Award
 - 2009 Distinguished Service Award, Electrostatics Society of America
 - 2005 IEEE James Melcher Award (excellence in a peer reviewed journal article)
- **Leadership** experience in business, industrial R&D, and technical professional organizations.



PROFESSIONAL CAREER (continued)

Eastman Kodak Company (continued)

Group Leader/Senior Scientist, Global Manufacturing Technology Organization 2003 – 2007

Dr. Robinson served both as a Senior Scientist and as the Electrostatics Group Leader. As a Senior Scientist, he was the corporate resource for electrostatic technologies, solved static problems and achieving world-class static performance during the design and commercialization of new products. As Group Leader, he was responsible for developing and implementing the technical strategy for the Group, defining projects and deliverables, tracking performance, and administering performance appraisals for 5 employees.

Unit Director, Manufacturing Research & Engineering 1998 – 2002

At the Surface Modification and Electrostatics Unit, Dr. Robinson was responsible for technical strategy, project definition and deliverables, performance appraisals, hiring and daily operation of an R&D unit of 18 people with an annual budget of ~\$3.0M USD.

Scientist, Manufacturing Research & Engineering 1991 – 1998

As an individual contributor, Dr. Robinson diagnosed and solved static problems in industrial manufacturing, electronic manufacturing and circuit board assembly. He conducting applied research and contributed to design and commercialization of new products. AS an expert in Corona Discharge Treatment (CDT), a process technology in industrial roll-to-roll manufacturing operations, Dr. Robinson diagnosed and solved problems with CDT technology.

Scientist, Copy Products Division 1982 – 1990

In the technical area was photocopier technology, Dr. Robinson was responsible for conducting applied research, designing and commercializing new products, and led manufacturing problem solving projects involving the toning process.

Sandia National Laboratory Albuquerque, NM 1978

Project Engineer Summer Intern, Capital Project Group, Security Clearance required

For the Electron Beam Fusion Facility, a large R&D facility, Kelly served as a summer intern for the construction project management team.

Lawrence Livermore National Laboratory Livermore, CA 1976

Physicist Summer Intern, Laser Fusion Group, Security Clearance required

For the Laser Fusion Facility, Kelly served as a summer intern to the R&D project team investigating new & novel methods to make laser fusion targets.

EDUCATION

- Ph.D. Electrical Engineering, Colorado State University, Fort Collins, CO 1982
- M.S. Electrical Engineering, University of Illinois, Urbana, IL 1978
- B.S. Engineering Science, Colorado State University, Fort Collins, CO 1976
- Engineering Science, Montgomery College, Rockville, MD 1974

PROFESSIONAL CERTIFICATIONS AND ACCOMPLISHMENTS

IEEE Fellow – Elevated to Fellow Grade effective 1/1/2011	2011
Journal of Electrostatics – member of the Editorial Board	2011
Professional Engineer – New York State License Number 088222	2010
Patent Agent – US Patent and Trademark Office Registration Number 66336	2010

PROFESSIONAL ACTIVITIES

The practice of engineering is advanced by contributions to the engineering profession; industrial education (informational articles, short courses, conference presentation), archival scientific publications (peer reviewed journal publications), academic education (academic appointments, seminar presentations), leadership of professional organizations, and mentoring (peer reviewer for journal publications, technical editor).

Handbook of Troubleshooting Plastics Processes edited by John Wagner Jr. Scrivener Publishing, Chapter on static problem solving in plastics processes, to be published	2012
Short Course: <u>Electrostatics in Web Handling</u> scheduled for AIMCAL 2012 Web Coating and Web Handling Conference 10/21/2012, Myrtle Beach, SC	2012
presented at the AIMCAL 2010 Fall Technical Conference, 10/17/2010, Myrtle Beach, SC	2010
presented at the 2010, AIMCAL Applied Web Handling Conference (AWEB), 5/17/2010, Rochester, NY with Prof. T. B. Jones, University of Rochester	2010
<u>Association of International Metallizers, Coaters and Laminators (AIMCAL)</u> <u>Converting Equipment Manufacturers Assoc. (CEMA)</u> ; division of AIMCAL	2012
Introduction to Static Issues - <u>Fundamentals Seminar</u> scheduled for: April 16-17, 2012 Cleveland, OH (prior to CPP Expo).	
John Matteucci Technical Award Honorable Mention, Coating and Laminating 2011 AIMCAL Coating Conference presentation	2011
Session Leader with Doug Krasucki: Improving Your Web Handling Operations 2011 AIMCAL Coating Conference 10/23–26/2011, Reno, Nevada	2011
AIMCAL Coating & Laminating Committee Member. The C&L Committee organizes technical sessions at AIMCAL Technical Conferences.	2010 – present
<u>Paper Film and Foil Converter (PFFC) Contributing Editor</u>	2009 – present
Trade Publication for the converting industry where I write Static Beat, a monthly column on static control for the converting industry.	
<u>Electrostatics Society of America (ESA)</u>	
ESA Executive Council member	2003 – present
ESA Distinguished Service Award	2009
Technical Program Chair, 2009 Electrostatics Joint Conference, Boston, MA	2009
President, Electrostatics Society of America	2005 – 2008
General Conference Chair, 2004 Annual Meeting, Rochester, NY	2004

PROFESSIONAL ACTIVITIES (continued)

Institute of Electrical and Electronics Engineers (IEEE)

Elevated to IEEE Fellow	2011
Chairman, Industry Applications Society, Electrostatic Processes Committee	1987 – 1988
Chairman, IAS EPC Technical Awards Sub-Committee	2007 – present
James Melcher Award (excellence in peer reviewed publication) from IAS EPC	2005
Established the IAS EPC “Creativity and Innovation Prize Paper Award”	2003

Academic Appointments

<u>Monroe Community College</u>	Adjunct Faculty, Engineering Science Dept	2009 – 2011
ENR261 – Engineering Computing 2 (Matlab Programming)		
Univ. of Western Ontario	External Examiner, PhD Defense	2007
Univ. of Arkansas at Little Rock	Adjunct Faculty, Applied Science Dept.	2003 – 2005

Journal of Electrostatics

Editorial Board member	2011 – Present
Guest Editor , Vol. 35, Issues 2-3 (August 1995)	1995
1993 IEEE Industry Applications Society Meeting, Toronto, Canada, October 3 – 8, 1993 Edited by K. Robinson and J. Doshi	

Peer Reviewer

<u>IEEE Transactions on Control Systems Technology</u>	2010 – Present
<u>IEEE Transactions on Dielectric and Electrical Insulation</u>	2009 – Present
<u>IEEE Transactions on Industry Applications</u>	1982 – Present
<u>International Journal of Circuit Theory and Applications</u>	2009 – Present
<u>Journal of Electrostatics</u>	1982 – Present
<u>Natural Sciences & Engineering Research Council of Canada</u> External Reviewer	2010 – Present

Memberships

AIMCAL Coating and Laminating Committee	2010 – present
AIMCAL Converting Equipment Manufacturers Association (CEMA) Fundamentals Seminars Faculty	2012 – present
Electrostatic Discharge Association (ESD Association)	2009 – present
Electrostatics Society of America (ESA)	1978 – present
Institute of Electrical and Electronics Engineers, Inc. (Fellow 2011)	1978 – present
Sigma Xi (Research Honor Society)	1980 – present

PRESENTATIONS (recent)

Conference presentations advance the practice of engineering by sharing technical insight and summarizing relevant and interesting engineering experience and technical know-how.

Conf. Presentation: <u>Laminator Static Control</u> submitted for presentation:	2012
AIMCAL 2012 Web Coating Conference 10/24–26/2012, Myrtle Beach, SC	
Conf. Presentation: <u>Static Myth: That Roll Charged on the Truck</u> submitted for presentation:	2012
AIMCAL 2012 Web Handling Conference 10/24–26/2012, Myrtle Beach, SC	
Short Course: <u>Electrostatics in Web Handling</u> scheduled for:	2012
AIMCAL 2012 Web Coating and Web Handling Conference 10/21/2012, Myrtle Beach, SC	

PRESENTATIONS (continued)

- Conf. Presentation:** [Variation in Static Dissipation Time with Surface Resistivity](#) 2012
submitted to: [2012 Electrostatics Joint Conference](#), 6/12–14/2012,
Cambridge, Ontario, Canada
- Demonstration:** [Measure Static Charge Using an Electrostatic Fieldmeter](#) scheduled for: 2012
Special Session on Electrostatic Demonstrations, [2012 Electrostatics Joint Conference](#),
6/12–14/2012, Cambridge, Ontario, Canada
- Demonstration:** [Winding Roll Electrification](#) scheduled for: 2012
Special Session on Electrostatic Demonstrations, [2012 Electrostatics Joint Conference](#),
6/12–14/2012, Cambridge, Ontario, Canada
- Training Seminar:** [Introduction to Static Issues](#) 2012
Converting Equipment Manufacturers Assoc. (CEMA); division of AIMCAL
4/16–17/2012 Cleveland, OH (prior to CPP Expo).
- Conf. Presentation:** [Static Control for Plastic Webs in Roll-to-Roll Manufacturing Operations](#) 2012
submitted for presentation at ANTEC @ NPE2012
Orange County Convention Center, April 2–4, 2012, Orlando, FL
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|---|--|
| Honorable Mention, Matteucci Technical Award for best technical presentation | |
| Conf. Presentation: Controlling Static in Unwinding Rolls 2011
AIMCAL 2011 Web Coating Conference
Peppermill Resort, October 23–26, 2011, Reno, NV | |
- Conf. Presentation:** [Improved Measurement of Apparent and Steady State DC Surface Resistivity of Sheets and Films](#) 2011
Electrostatics Society of America 2011 Annual Meeting
Case Western Reserve University, June 14-16, 2011, Cleveland, OH
- Conf. Presentation:** [Static Control of Unwinding Rolls](#) 2011
11th International Conference on Web Handling (IWEB2011),
Oklahoma State University June 12-15, 2011, Stillwater, OK
- Conf. Presentation:** [Web Handling Machine Design for Static Control](#) 2011
International Converting Exhibition (ICE) USA Exhibition, April 6-8, 2011, Orlando FL
- Conf. Presentation:** [Sizing Static Neutralizers for Web Conveyance Applications](#) 2010
AIMCAL Fall Annual Conference, 10/17 – 20/2010, Myrtle Beach, SC
- Short Course:** [Electrostatics in Web Handling](#) at AIMCAL 2010 Fall Annual Conference 2010
10/17/2010, Myrtle Beach, SC
- Conf. Presentation:** [Electrostatic Force on a Charged Dielectric Sphere near a Grounded Conducting Plate](#) 2010
Electrostatics Society of America Annual Meeting, 6/22 – 24/2010, Charlotte, NC
- Conf. Presentation:** [Controlling Static in Winding Rolls](#) 2010
2010 AIMCAL Applied Web Handling Conf. (AWEB), 5/18 – 20/2010, Rochester, NY
- Short Course:** [Electrostatics in Web Handling](#) at AWEB 2010 2010
5/17/2010, Rochester, NY with Prof. T. B. Jones, University of Rochester

PRESENTATIONS (continued)

- Conf. Presentation:** [Locate Static Dissipaters Using Film - Roller Electrification](#) 2009
AIMCAL Fall Technical Conference, 10/2009, Amelia Island, FL
- Conf. Presentation:** [Electrostatic Sticking of Sheets Fed from a Stack](#) 2009
2009 Electrostatics Joint Conference, 6/2009, Boston University, Boston, MA
- AIMCAL-PFFC Webinar:** [Static Control in Converting](#) 2009
6/12/2009, ConvertingPortal.com an AIMCAL Website
- Conf. Presentation:** [Stay Ahead of Static Problems in Film Conveyance](#) 2008
AIMCAL Fall Technical Conference, 10/2008, Myrtle Beach, South Carolina
- Conf. Presentation:** [Voltage Diffusion in an Insulating Sheet with a Conductive Layer](#) 2008
with Robert Brearey and John Szafraniec
Electrostatics Society of America Annual Meeting, 6/2008, Minneapolis, MN
- Invited Lecture:** [Electrostatic Charge Control in Slitting Operations](#) 2008
AWEB 08 AIMCAL Applied Web Handling Conference, 5/6 – 9/2008, Minneapolis, MN
- Invited Lecture:** [Electrostatic Issues in Roll-to-Roll Manufacturing](#) with William Durkin 2007
2007 IEEE Industry Application Society Annual Conf, 9/07, New Orleans, LA
- Conf. Presentation:** [Electrophoretic Mobility Estimated from the Transient Current in a Parallel Plate Cell](#) with Dr. Ravi Sharma 2007
Electrostatics Society of America Annual Meeting, 6/2007, West Lafayette, IN
- Invited Lecture:** Design Your Experiment to Deliver 2001
University Institute of Technology, Angoulême, Cedex, France
The University of Western Ontario, London, Ontario, Canada
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PUBLICATIONS – Peer Reviewed Publications

Peer reviewed publications are tangible accomplishments, establish a record of engineering excellence, and document specific expertise.

- 1 **K. Robinson**, W. Durkin, "[Electrostatic Issues in Roll-to-Roll Manufacturing Operations](#)," IEEE Trans. on Industry Applications, Vol. 46, No. 6, pg. 2172 – 2178, November / December 2010.
- 2 **K. Robinson**, R. Brearey, J. Szafraniec, "[Sheet sticking caused by charge flow in a buried conducting layer](#)," Journal of Electrostatics vol. 67, No. 5, pg. 781 – 788, 2009.
- 3 **K. Robinson**, J. J. Coleman, "[Spark Protection Circuit for Measuring Current in High voltage Circuits](#)," Journal of Electrostatics, vol. 63, No. 3 – 4, pg. 285 – 296, 2005.
- 4 A. Chirokov, A. Gutsol, A. Fridman, K. Sieber, J. Grace, **K. Robinson**, "Self Organization of Microdischarges in Dielectric Barrier Discharge Plasma," IEEE Trans. on Plasma Science, Vol. 33, No. 2, pg. 300 – 301, April 2005.
- 5 A. Chirokov, A. Gutsol, A. Fridman, K. Sieber, J. Grace, **K. Robinson**, "Analysis of two-dimensional microdischarge distribution in dielectric-barrier discharges," Plasma Sources Sci. Technol., Vol. 13, pg. 1 – 13, 2004.

IEEE MELCHER AWARD for excellence in a peer reviewed journal publication:

- 6 **K. Robinson**, "[Charge Relaxation Due to Surface Conduction on an Insulating Sheet Near a Grounded Conducting Plane](#)," IEEE Trans. Industry Applications, vol. 40, No. 5, pg. 1231 – 1238, September / October 2004.

PUBLICATIONS – Peer Reviewed Publications (continued)

- 7 S. Conti, P. I. Porshnev, A. Fridman, L. A. Kennedy, J. M. Grace, K. D. Sieber, D. R. Freeman, **K. Robinson**, “Experimental and numerical investigation of a capacitively coupled low frequency nitrogen plasma,” *Exp. Thermal Fluid Sci.*, vol. 24, pg. 79 – 91, 2001.
 - 8 P. Krein, **K. Robinson**, “[Printers](#)” in *Handbook of Electrostatic Processes*, edited by J.S. Chang, A. J. Kelley, and J. M. Crowley, Marcel Dekker, Inc., Chap. 14, pg. 295 – 320, 1995.
 - 9 T. B. Jones, R. D. Miller, **K. Robinson**, W. Y. Fowlkes, “[Multipolar Interactions of Dielectric Spheres](#),” *Journal of Electrostatics*, Vol. 22, pp. 231, 1989.
 - 10 W. Y. Fowlkes, **K. Robinson**, “[The Electrostatic Force on a Dielectric Sphere Resting on a Conducting Substrate](#),” *Particles on Surfaces*, Ed. K. L. Mittal, Plenum Publishing Corp., pg. 143 - 155, 1988.
 - 11 **K. Robinson**, T. B. Jones, “[Particle-Wall Adhesion in Electropacked Beds](#),” *IEEE Transactions on Industry Applications*, Vol. IA-20, No. 6, pp. 1573, November / December 1984.
 - 12 **K. Robinson**, T. B. Jones, “[Slope Stability of Packed Beds](#),” *IEEE Transactions on Industry Applications*, Vol. IA-20, No. 2, pp. 253, March / April 1984.
 - 13 **K. Robinson**, R. J. Turnbull, K. Kim, “[Electrostatic Spraying of Liquid Insulators](#),” *IEEE Transactions on Industry Applications*, Vol. IA-16, No. 2, pp. 308, March / April 1980.
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PUBLICATIONS – Issued US Patents

Issued US Patents are a record of my creative and innovative contributions having potential commercial impact.

- 1 P. Aylward, D. Majumdar, B. Fitzgerald, **K. Robinson**, “Antistatic conductive grid pattern with integral logo,” [US Patent 7,255,912](#), 8/14/2007.
- 2 R. Mehta, R. Jagannathan, S. Jagannathan, **K. Robinson**, K. Pond, B. Houghtaling, “Process for the deposition of uniform layer of particulate material,” [US Patent No. 7,223,445](#), 5/29/2007
- 3 P. Aylward, D. Majumdar, H. Yau, W. Durkin, D. Bigelow, D. Slater, **K. Robinson**, “Antistatic Layer for Electronically Modulated Display,” [US Patent No. 7,087,351](#), 8/8/2006
- 4 P. Aylward, D. Majumdar, R. Daly, **K. Robinson**, B. Fitzgerald, P. Christian, “Transparent Invisible Conductive Grid,” [US Patent 7,083,885 B2](#), 8/1/2006.
- 5 D. Majumdar, N. Dontula, S. Sunderrajan, P. Aylward, **K. Robinson**, M. Kestner, “Conductive Foam Core Imaging Member,” [US Patent 6,566,033](#), 5/20/2003.
- 6 **K. Robinson**, A. Lucas, T. Hilbert, “Developer flow rate regulation for an electrophotographic toning roller,” [US Patent No. 5,227,848](#), 7/13/1993.
- 7 W. Mey, J. May, W. Gruenbaum, S. Riblett, **K. Robinson**, O. Rodenberg, “Xerotyping Using a Corona Charge Injection Modifying Material,” [US Patent No. 5,101,216](#), 3/1992.
- 8 **K. Robinson**, L. Hill, K. Arnold, “Replaceable Developer Station Having Indicator For Determining Whether Developer Station is Used or New,” [US Patent No. 5,043,764](#), 8/27/1991.
- 9 J. K. Lee, D. McJury, M. Pickup, **K. Robinson**, “Bar Magnet for Construction of a Magnetic Roller Core,” [US Patent 5,019,796](#), 5/28/1991.
- 10 K. Arnold, W. Chang, **K. Robinson**, “Developer Mix Monitoring for Replaceable Developer Stations,” [US Patent No. 4,956,668](#), 9/11/1990.
- 11 W. Mey, W. Gruenbaum, **K. Robinson**, “Electrographic Method for Multiple Images (Xerotyping),” [US Patent 4,898,797](#), 2/6/1990.

PUBLICATIONS – Issued US Patents (continued)

- 12 **K. Robinson**, A. Rushing, B. Steele, “Electrographic Magnetic Brush Development Apparatus and System,” [US Patent No. 4,714,046](#), 12/22/1987.
 - 13 **K. Robinson**, R. Weitzel, A. Kroll, “Electrographic Development Apparatus,” [US Patent No. 4,570,572](#), 2/18/1986.
-

PUBLICATIONS – Pending Patent Applications

Pending patent applications are tangible indicators of innovations on the forefront of technology.

- 1 K. Robinson, “Method for Suppressing Electrical Discharges between the Web Exiting an Unwinding Roll and the First Conveyance Roller,” US Patent Application 2011/61542325, 10/03/2011.
 - 2 K. Robinson, “Apparatus and Method for Neutralizing Static Charge on an Unwinding Roll,” US Patent Application 2011/61536996, 09/20/2011.
 - 3 K. Robinson, “Electrometer with in-measurement range adjustment and methods thereof for measuring electrostatic charge,” [US Patent Application 2009/0045816A1](#), 2/19/2009.
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PUBLICATIONS– Trade Publications

Trade publications are a record of my contributions to industrial education.

- 1 K. Robinson, “[Triboelectric Series by Electrostatic Answers](#),” [www.ElectrostaticAnswers.com](#), September 2009.
- 2 K. Robinson, “[Kelly on Static](#),” [PFFC-online.com](#), July 2009 - present.
- 3 K. Robinson, “[Static Beat: Side Matters](#),” [http://pffc-online.com/static-beat/](#), Feb. 8, 2012.
- 4 K. Robinson, “[Static Beat: Eliminate Hot Rolls](#),” [http://pffc-online.com/static-beat/](#), Jan. 17, 2012.
- 5 K. Robinson, “[Static Beat: Beat Winter Static](#),” [http://pffc-online.com/static-beat/](#), Nov. 23, 2011.
- 6 K. Robinson, “[Static Beat: Unwinding Static](#),” [http://pffc-online.com/static-beat/](#), Aug. 22, 2011.
- 7 K. Robinson, “[Static Beat: High Speed Static](#),” [Paper, Film & Foil Converter](#), Vol. 85, No. 8, August 2011 pg. 10.
- 8 K. Robinson, “[Static Beat: Static Dissipation Testing](#),” [Paper, Film & Foil Converter](#), Vol. 85, No. 7, July 2011 pg. 9
- 9 K. Robinson, “[Static Beat: Surface Resistivity Testing](#),” [Paper, Film & Foil Converter](#), Vol. 85, No. 6, June 2011 pg. 10.
- 10 K. Robinson, “[Static Beat: Resistivity Measurements](#),” [Paper, Film & Foil Converter](#), Vol. 85, No. 5, May 2011 pg. 7.
- 11 K. Robinson, “[Static Beat: Off-Line Charging Measurements](#),” [Paper, Film & Foil Converter](#), Vol. 85, No. 4, April 2011 pg. 10.
- 12 K. Robinson, “[Static Beat: Measure Charging Performance](#),” [Paper, Film & Foil Converter](#), Vol. 85, No. 3, March 2011 pg. 10.
- 13 K. Robinson, “[Static Beat: Charge Control Antistatic Layers](#),” [Paper, Film & Foil Converter](#), Vol. 85, No. 2, February 2011 pg. 10.
- 14 K. Robinson, “[Static Beat: Conductive Antistatic Layers](#),” [Paper, Film & Foil Converter](#), Vol. 85, No. 1, January 2011 pg. 10.

PUBLICATIONS– Trade Publications (continued)

- 15 K. Robinson, "[Static Beat: Using Electrostatic Voltmeters](#)," Paper, Film & Foil Converter, Vol. 84, No. 12, December 2010 pg. 10.
- 16 K. Robinson, "[Static Beat: How to Use Electrostatic Fieldmeters](#)," Paper, Film & Foil Converter, Vol. 84, No. 11, November 2010 pg. 10.
- 17 K. Robinson, "[Static Beat: Prevent Winter Static](#)," Paper, Film & Foil Converter, Vol. 84, No. 10, October 2010 pg. 10.
- 18 K. Robinson, "[Static Beat: Static Control Charts](#)," Paper, Film & Foil Converter, Vol. 84, No. 9, September 2010 pg. 10.
- 19 K. Robinson, "[Static Beat: How to Take a Static Survey](#)," Paper, Film & Foil Converter, Vol. 84, No. 8, August 2010 pg. 10.
- 20 K. Robinson, "[Static Beat: Choosing Passive or Active Ionizers](#)," Paper, Film & Foil Converter, Vol. 84, No. 7, July 2010 pg. 10.
- 21 K. Robinson, "[Static Beat: Corona Treaters and Ionizers Compared](#)," Paper, Film & Foil Converter, Vol. 84, No. 6, June 2010 pg. 10.
- 22 K. Robinson, "[Static Beat: Use Electrostatic Voltmeter to Measure Static Charge](#)," Paper, Film & Foil Converter, Vol. 84, No. 5, May 2010 pg. 10.
- 23 K. Robinson, "[Static Beat: Measure Static Charge](#)," Paper, Film & Foil Converter, Vol. 84, No. 4, April 2010 pg. 8.
- 24 K. Robinson, "[Static Beat: Using an Electrostatic Fieldmeter to Measure Static](#)," Paper, Film & Foil Converter, Vol. 84, No. 3, March 2010 pg. 14.
- 25 K. Robinson, "[Static Beat: When To Use Ionizing Blowers](#)," Paper, Film & Foil Converter, Vol. 84, No. 2, February 2010 pg. 10.
- 26 K. Robinson, "[Static Beat: The Best Places for Static Bars](#)," Paper, Film & Foil Converter, Vol. 84, No. 1, January 2010 pg. 14.
- 27 K. Robinson, "[Static Beat: How Static Bars Work](#)," Paper, Film & Foil Converter, Vol. 83, No. 12, December 2009 pg. 14.
- 28 K. Robinson, "[Static Beat: Static, Be Gone!](#)" Paper, Film & Foil Converter, Vol. 83, No. 11, November 2009 pg. 16.
- 29 K. Robinson, "[Static Beat: Dissipating Static](#)," Paper, Film & Foil Converter, Vol. 83, No. 10, October 2009 pg. 16.
- 30 K. Robinson, "[Static Beat: How to Prevent Winter Static](#)," Paper, Film & Foil Converter, Vol. 83, No. 9, September 2009, pg. 14.
- 31 K. Robinson, "[Static Beat: How To Prevent Unwinding Roll Static](#)," Paper, Film & Foil Converter, Vol. 83, No. 8, August 2009, pg. 14.
- 32 K. Robinson, "[Static Beat: How To Prevent Winding Roll Sparks](#)," Paper, Film & Foil Converter, Vol. 83, No. 7, July 2009, pg. 12.
- 33 K. Robinson, "[Static Beat: Film Charge Causes Winding Static](#)," Paper, Film & Foil Converter, Vol. 83, No. 6, June 2009, pg. 10.
- 34 K. Robinson, "[Static Beat: Stop Tribocharging Your Products](#)," Paper, Film & Foil Converter, Vol. 83, No. 5, May 2009, pg. 12.
- 35 K. Robinson, "[Static Specified](#)," Paper, Film & Foil Converter, vol. 83, No. 4, April 2009, pp. 38–40.