

Appendix A

Director Research and Integrated Technology, PIA/GATF: July 2005 to August 2006

Managed the research department and restructured areas to create predictable and reliable programs and products. Areas of focus included process controls, research, product testing and lab services.

Director of Integrated Technology, PIA/GATF: August 2004 to June 2005

Successfully developed and launched the CIP4 JDF certification program. This continues to be the only world-wide program available and has since certified over 55 products.

University of Wales Swansea: Multiple positions, including Research Assistant, Research Officer and Lecturer, November 1990 to July 2004

Developed and delivered course modules for BSc and MSc in Printing and Coating Technology. Initiated, undertook and published fundamental research on lithographic, rotogravure and flexographic printing, coating and paper-ink interactions. This included experimental evaluation and numerical code development. Disseminated the research to over 200 companies and collaborated internationally.

Academic qualifications

1992 PhD Wales, Sizing of irregularly shaped particles by laser based techniques.

1987 BSc Wales, Honors degree in Mechanical Engineering, Grade 2 (i)

Professional associations

The Colour Group (Great Britain), 1997-2004, TAGA since 1995, TAPPI since 1998.

Positions of responsibility

- **CIP4:** Board of Directors, Membership Officer, since 2015, Education and Marketing Officer 2012-2014, Advisory Board since 2008, Technical Steering Committee since 2005, Chair/Vice Chair, Product Certification Working Group since 2005.
- **TAGA:** Managing Director since 2006, Editorial Board Member of TAGA Journal of Graphic Technology 2004-2014, Advisor TAGA student chapter, 1997-2003.
- **Printing Industries of America Committees:** Chair InterTech Technology Awards since 2006, Research Committee since 2005, Supplier Advisory Committee since 2005.
- **Printing Industries of America Conferences:** Planned / moderated 30 conferences since 2005.
- **Clean Air Act Advisory Committee** since 2012.
- **ISO TC130 committee:** US representative since 2006, UK representative 1997-2004.
- **Canadian Printing Industries Sector Council:** STRM Committee, 2008-2009.
- **Organizing Committee:** 5 international conferences, 1989-2004.
- **Academic standards committee and industrial steering group:** IGDS MSc, Colour Application Technology, 1997-2001.
- **The Colour Group (GB):** Director, 1999 -2002.

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Career development document

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Publishing record

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Teaching record

Full-time and part-time MSc in “Printing and Coating Technology” – 80 credits
Part-time BSc in “Printing and Coating” – 39 credits

Industrial technology transfer seminars

Supervision experience at University of Wales Swansea

Visiting post-doctoral research	<i>[1, shared supervision]</i>
PhD research	<i>[6, shared supervision]</i>
PhD research	<i>[6, technical support]</i>
TCS Program	<i>[1, technical support]</i>
MPhil projects	<i>[2, shared supervision]</i>
MPhil projects	<i>[3, technical support]</i>
MSc projects	<i>[9, individual supervision]</i>
MSc projects	<i>[11, shared supervision]</i>
Industrial projects	<i>[1, individual supervision]</i>
Fourth year research dissertation	<i>[1, individual supervision]</i>
Third year group projects	<i>[1, individual supervision]</i>
Third year projects	<i>[3, individual supervision]</i>
Third year projects	<i>[18, shared supervision]</i>
Visiting students / researchers	<i>[4, individual supervision]</i>
Visiting students / researchers	<i>[4, shared supervision]</i>

Supplemental publishing record

ISO Standards	1
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Journal publications

Where applicable the primary author/authors are indicated in *Italics*, this is not used when there was only one author. My name has been highlighted in **Bold**. Where all author/authors are highlighted then equal contributions were made to the paper from all concerned. **In no instance was the order of the authors determined alphabetically.**

- 1 *Bould, D.C.*, Claypole, T.C. and **Bohan, M.F.J.**, “An investigation into plate deformation in flexographic printing”, IMechE part B, Vol 218, pp 1499 - 1511, 2004.
- 2 *Bould, D.C.*, Claypole, T.C. and **Bohan, M.F.J.** “An experimental investigation into flexographic printing plates” TAGA Journal of Graphic Technology Volume 1, No. 3, 2004.
- 3 **Bohan, M.F.J.**, Fox, I.J., Claypole, T.C. and Gethin, D.T. “Influence of non-Newtonian fluids on the performance of a soft elastohydrodynamic nip contact with surface roughness” IMechE part J, vol 217, pp 447-459, 2003.
- 4 *Fox, I.J.*, Claypole, T.C. and **Bohan, M.F.J.** “Print sharpness evaluation using image analysis and a new peak area method” Imaging Science Journal, vol. 51, no. 4, pp. 199-212, 2003.
- 5 Fox, I.J., **Bohan, M.F.J.**, Claypole, T.C. and Gethin, D.T. “Film thickness prediction in half tone screen printing”, IMechE part E, Journal of Process Mechanical Engineering, vol. 217, no. 4, pp. 345-359(15), 2003.
- 6 *Korochkina, T.V.*, Jewell, E.H., Claypole, T.C., Gethin, D.T. and **Bohan, M.F.J.** “Two-dimensional simulation of the transfer pad in pad printing”, TAGA J. Graphic Technology, 2003.
- 7 **Bohan, M.F.J.**, Fox, I.J., Claypole, T.C. and Gethin, D.T. “Numerical modelling of elastohydrodynamic lubrication in soft contacts using non-Newtonian fluids”, Vol. 12, no. 4, Int. J. Numerical Methods Heat & Fluid Flow, 2002.
- 8 **Bohan, M.F.J.**, Claypole, T.C. and Gethin, D.T. “The application of roughness model to a soft EHL contact” Vol. 12, no. 4, Int. J. Numerical Methods Heat & Fluid Flow, 2002.
- 9 **Bohan, M.F.J.**, Gethin, D.T., Claypole, T.C. and Megat Ahmed, M.M.H. “A model for ink impression in printing contacts” J. of Pulp and Paper Science, vol. 26, no 11, pp 414-419, November 2000.
- 10 **Bohan, M.F.J.**, Claypole, T.C. and Gethin, D.T. “The effect of process parameters on product quality in rotogravure printing”, Proc. IMechE part B, vol. 214, 2000, pp 205-219, 2000.

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- 11 *Anderson, J.T., Gethin, D.T., Claypole, T.C., Jewell, E.H., Bohan, M.F.J. and Korochkina, T.V.* “Hydrodynamic interactions in the screen printing process”, *J. Prepress & Printing Technology*, pp10-17, March 2000.
- 12 *Bohan, M.F.J., Claypole, T.C. and Gethin, D.T.* “An investigation into the effect of process parameters on the ink supply characteristics to a roller train in a offset printing press”, *J. Prepress & Printing Technology*, vol. 3, March 1999.
- 13 *Bohan, M.F.J., Lim, C.H., Korochkina, T.V., Claypole, T.C., Gethin, D.T. and Roylance, B.J.* “An investigation of the hydrodynamic and mechanical behaviour of a soft nip in rolling contact”, *Proc. IMechE part J Engineering Tribology*, vol. 211 no. J1, pp37-50, 1997.
- 14 *Lim, C.H., Bohan, M.F.J., Claypole, T.C., Gethin, D.T. and Roylance, B.J.* “A finite element investigation into a soft rolling contact supplied by a non-Newtonian ink”, *J. Phys. D: Appl. Phys.*, vol. 29, pp 1894-1903, 1996.

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Printing Industries of America (formerly PIA/GATF) Publications

- 1 **Bohan, M.F.J.** and Bodnar, J. “Utilizing NFC in Graphic Communications”, White Paper 05, 2015.
- 2 Mooney, D. and **Bohan, M.F.J.** “2015 Survey of Management Information Systems: Software Available in Spanish”, Technology Bulletin 16, 2015.
- 3 Mooney, D. and **Bohan, M.F.J.** “2015 Survey of Management Information Systems”, Technology Bulletin 15, 2015.
- 4 Mooney, D. and **Bohan, M.F.J.** “2014 Survey of Management Information Systems: Software Available in Spanish”, Technology Bulletin 13, 2014.
- 5 Mooney, D. and **Bohan, M.F.J.** “2014 Survey of Management Information Systems”, Technology Bulletin 12, 2014.
- 6 Duvall, M. and **Bohan, M.F.J.** “Automated Solutions: A Closer Look at Creel Printing”, White Paper 04, 2013.
- 7 Whisler, K., Mauro, J. and **Bohan, M.F.J.** “Automated Quality Control: Vision Inspection Systems in Print”, White Paper 03, 2013.
- 8 Mooney, D. and **Bohan, M.F.J.** “2013 Survey of Management Information Systems: Software Available in Spanish”, Technology Bulletin 11, 2013.
- 9 Mooney, D. and **Bohan, M.F.J.** “2013 Survey of Management Information Systems”, Technology Bulletin 10, 2013.
- 10 Mooney, D. and **Bohan, M.F.J.** “2012 Survey of Management Information Systems”, Technology Bulletin 09, 2012.
- 11 **Bohan, M.F.J.**, Dezzutti, D., and Radencic, G. “The Relationship between Color Gamut and Visual Quality for Digital Printing Devices”, White paper, Printing Industries of America Catalog No. 2102, 2011.
- 12 Mooney, D. and **Bohan, M.F.J.** “2011 Survey of Management Information Systems”, Technology Bulletin 07, 2011.
- 13 Iskey, B. and **Bohan, M.F.J.** “The use of Automation on a Cutter”, RTR 50, Printing Industries of America Catalog No. 1650, 2010.
- 14 Iskey, B., Radencic, G. and **Bohan, M.F.J.** “Increasing Productivity on a Stitcher Using Automation”, RTR 49, Printing Industries of America Catalog No. 1649, 2010.

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- 15 Mooney, D. and **Bohan, M.F.J.** “2010 Survey of Management Information Systems”, Technology Bulletin 05, 2010.
- 16 **Bohan, M.F.J.** and Iskey, B. “The Challenges with the Purchase and Installation of a New MIS”, White paper, Printing Industries of America Catalog No. 2101, 2010.
- 17 Mooney, D. and **Bohan, M.F.J.** “2009 Survey of Management Information Systems”, Technology Bulletin 04, 2009.
- 18 Radencic, G., and **Bohan, M.F.J.** “2009 Sheetfed Benchmarking Study”, RTR 48, Printing Industries of America Catalog No. 1648, 20079
- 19 Radencic, G. and **Bohan, M.F.J.** “2009 Digital Benchmarking Study”, RTR 47, Printing Industries of America Catalog No. 1648, 2009.
- 20 Radencic, G., Neumann, E. and **Bohan, M.F.J.** “Spectrophotometer Inter-Instrument Agreement on Standard Reference Materials and Printed Samples”, RTR 46, PIA/GATF Catalog No. 1646, 2008.
- 21 Mooney, D. and **Bohan, M.F.J.** “2008 Survey of Management Information Systems”, Technology Bulletin 03, 2008.
- 22 Radencic, G., Suffoletto, J., and **Bohan, M.F.J.** “An Evaluation of the G7™ Calibration Method for Proofing and Printing”, RTR 45, PIA/GATF Catalog No. 1645, 2007.
- 23 Mooney, D. and **Bohan, M.F.J.** “2007 Survey of Management Information Systems”, Technology Bulletin 02, 2007.
- 24 Radencic, G., and **Bohan, M.F.J.** “PIA/GATF Sheetfed Benchmarking Study 2007”, RTR 44, PIA/GATF Catalog No. 1644, 2007.
- 25 Radencic, G., and **Bohan, M.F.J.** “The effects of “corrosive-resistant” fountain solutions on print quality and runnability PIA/GATF Multi-Vendor Investigation”, PIA/GATF Catalog No. 1643, 2007.
- 26 Mooney, D. and **Bohan, M.F.J.** “2006 Survey of Management Information Systems”, Technology Bulletin 01, 2006.
- 27 **Bohan, M.F.J.** “Heatset Web Offset Performance Study - PIA/GATF Multi-Vendor Investigation”, PIA/GATF Catalog No. 1641, 2005.

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Peer Reviewed AERE publications

Where applicable the primary author/authors are indicated in *Italics*, this is not used when there was only one author. My name has been highlighted in **Bold**. Where all author/authors are highlighted then equal contributions were made to the paper from all concerned. **In no instance was the order of the authors determined alphabetically.**

- 1 ***Bohan, M.F.J., Claypole, T.C.***, Livesley, D.M. and Yeoman, M.L. “A validation technique for use in sizing of irregular coal and char particles”, AERE R-13236, 1991.
- 2 Livesley, D.M., ***Bohan, M.F.J. and Claypole, T.C.*** “Flash elimination - Improving the performance of single-particle counters for optical sizing of irregular particles”, AERE R-13730, 1990.
- 3 ***Bohan, M.F.J., Claypole, T.C.***, Livesley, D.M. and Yeoman, M.L. “A validation technique for use in sizing of irregular coal particles”, AERE R-13236, 1989.
- 4 ***Bohan, M.F.J., Claypole, T.C.***, Livesley, D.M. and Yeoman, M.L. “Physical limitations of the L.D.A. based sizing of irregular particles”, AERE R-13235, 1989.

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Conference publications

Where applicable the primary author/authors are indicated in *Italics*, this is not used when there was only one author. My name has been highlighted in **Bold**. Where all author/authors are highlighted then equal contributions were made to the paper from all concerned. **In no instance was the order of the authors determined alphabetically.**

- 1 *Bohan, M.F.J.*, and Bodnar, J. “Active and Intelligent Packaging”, 67th TAGA Tech. Conf., Albuquerque, 2015.
- 2 Stanton, T., Ferrari, L. and **Bohan, M.F.J.** “Color Uniformity of Electrophotographic Presses: Continuous Uniformity”, 66th TAGA Tech. Conf., Ft Worth, 2014.
- 3 Stanton, T., Ferrari, L. and **Bohan, M.F.J.** “Color Uniformity of Digital Presses”, 65th TAGA Tech. Conf., Portland, 2013.
- 4 Iskey, B., Harvey, J. and **Bohan, M.F.J.** “Annualized Workflow Optimization ROI Strategies Utilizing JDF Technology”, 65th TAGA Tech. Conf., Portland, 2013.
- 5 *Bohan, M.F.J.*, Stratton, H., and Stanton, T., “A model for the cost analysis of offset and digital printing processes”, 65th TAGA Tech. Conf., Portland, 2013.
- 6 Stanton, T., Ferrari, L. and **Bohan, M.F.J.** “Analysis of the survivability of mail in the postal stream”, 64th TAGA Tech. Conf., Jacksonville, 2012.
- 7 Stanton, T., and **Bohan, M.F.J.** “Analysis of high speed inkjet presses”, 63rd TAGA Tech. Conf., Pittsburgh, 2011.
- 8 Radencic, G., and **Bohan, M.F.J.** “Productivity of Digital Printing Devices”, 62nd TAGA Tech. Conf., San Diego, 2010.
- 9 Iskey, B., and **Bohan, M.F.J.** “The Analysis of Workflow Changes Using JDF and Automation”, 62nd TAGA Tech. Conf., San Diego, 2010.
- 10 Stanton, T., and **Bohan, M.F.J.** “An analytical and experimental evaluation of ink optimization strategies”, 61st TAGA Tech. Conf., New Orleans, 2009.
- 11 Radencic, G., and **Bohan, M.F.J.** “Just run it! An experimental evaluation of digital printing performance”, 61st TAGA Tech. Conf., New Orleans, 2009.
- 12 Radencic, G., and **Bohan, M.F.J.** “Sheetfed productivity characteristics”, 61st TAGA Tech. Conf., New Orleans, 2009.
- 13 Radencic, G., and **Bohan, M.F.J.** “A comparison of spectrodensitometers and their agreement on common graphic arts materials”, 60th TAGA Tech. Conf., San Francisco, 2008.

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- 14 Neumann, E.L., Radencic, G., and **Bohan, M.F.J.** “An Evaluation of Different Strategies for Ink Optimization on Press”, 60th TAGA Tech. Conf., San Francisco, 2008.
- 15 Radencic, G., Suffoletto, J., and **Bohan, M.F.J.** “A Theoretical and Experimental Comparison of the GRACoL and ISO Approaches to Press Characterization and the Data Sets Produced”, 59th TAGA Tech. Conf., 2007.
- 16 Radencic, G., Cathie, E., Ferrari, L., and **Bohan, M.F.J.** “The Impact of Changing Fountain Solution Chemistry and Press Consumables on the Runnability of a Web Offset Press”, 59th TAGA Tech. Conf., 2007.
- 17 *Bould, D.C., Hamblyn, S., Claypole, T.C.* **Bohan, M.F.J.** “The effect of process characteristics on image reproduction in flexographic printing” 33rd International Iarigai Research Conference, 2006.
- 18 **Bohan, M.F.J.**, Iskey, B., Wagner, R., and Radencic, G. “Automation and JDF workflows”, 58th TAGA Tech. Conf., 2006.
- 19 **Bohan, M.F.J.**, Cathie, E., and Ferrari, L. “Manual and analytical assessment of piling”, 58th TAGA Tech. Conf., 2006.
- 20 Stanton, T., and **Bohan, M.F.J.** “The Influences of Overprint Coatings on the Color Gamuts of Lithographic Prints”, 58th TAGA Tech. Conf., 2006.
- 21 **Bohan, M.F.J.**, and Lind, J. “Quantification of piling”, 57th TAGA Tech. Conf., 2005.
- 22 **Bohan, M.F.J.**, and Lind, J. “The influence of coating on general and reference printing conditions”, 57th TAGA Tech. Conf., 2005.
- 23 *Hamblyn, S., Bould, D., Bohan, M.F.J., Claypole, T.C., and Gethin, D.T.* “Consistency of Flexographic Platemaking”, 57th TAGA Tech. Conf., 2005.
- 24 Cherry, J., Hamblyn, S., **Bohan, M.F.J.**, Claypole, T.C., and Gethin, D.T. “Measurement of the Cell Volume of Anilox Rolls”, 57th TAGA Tech. Conf., 2005.
- 25 *Clist, A.M., Bohan, M.F.J., and Claypole, T.C.* “The Effect of Diamond Geometry and Wear on Rotogravure Engraving”, 57th TAGA Tech. Conf., 2005.
- 26 **Bohan, M.F.J.**, and Claypole, T.C. “The influence of viscosity in rotogravure halftone reproduction”, 12th IPGAC Int. Printing and Graphics Arts Conf., 2004.
- 27 **Bohan, M.F.J.**, and Claypole, T.C. “The influence of engraving specifications, ink viscosity and substrate on the printability of lines using rotogravure printing”, 12th IPGAC Int. Printing and Graphics Arts Conf., 2004.

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Prior to appointment at Printing Industries of America

- 28 *Bould, D.C., Claypole, T.C. Bohan, M.F.J. and Gethin, D.T* “Tone gain due to deformation of the flexographic plate” 31st International Iarigai Research Conference, 2004.
- 29 *Bohan, M.F.J., Clist, A.M., Claypole, T.C. and Gethin, D.T.* “Scumming: The Influence of the Cylinder”, 56th TAGA Tech. Conf., 2004.
- 30 *Bould, D.C., Claypole, T.C. Bohan, M.F.J. and Gethin, D.T.* “Deformation of flexographic printing plates”, 56th TAGA Tech. Conf., 2004.
- 31 *Bohan, M.F.J., Townsend, P., Hamblyn, S.M., Claypole, T.C. and Gethin, D.T.* “Evaluation of pressures in flexographic printing”, 55th TAGA Tech. Conf., 2003.
- 32 *Bohan, M.F.J., Korochkina, T.V., Claypole, T.C. and Gethin, D.T.* “Analysis of doctor blade loading and wear”, 55th TAGA Tech. Conf., 2003.
- 33 *Fox, I.J., Bohan, M.F.J., Claypole, T.C. and Gethin, D.T.* “Improving the speed and resolution of screen-printing for industrial applications”, 55th TAGA Tech. Conf., 2003.
- 34 *Bohan, M.F.J., Fox, I.J., Gethin, D.T., and Claypole, T.C.* “Numerical model of surface roughness and its effect on fluid transfer”, 11th IPGAC Int. Printing and Graphics Arts Conf., 2002.
- 35 *Bohan, M.F.J., Fox, I.J., Claypole, T.C. and Gethin, D.T.* “Parametric study of the flow in printing and coating nips: The influence of non-Newtonian fluids”, 54th TAGA Tech. Conf., 2002.
- 36 *Bohan, M.F.J., Claypole, T.C. and Gethin, D.T.* “Roughness modelling of soft elastohydrodynamic lubrication contacts” ECCOMAS CFD 2001.
- 37 *Bohan, M.F.J., Claypole, T.C. and Gethin, D.T.* “Dynamic measurement of ink film thickness, pressure and temperature in rolling contacts” 53rd TAGA Tech. Conf., 2001.
- 38 *Bohan, M.F.J., Claypole, T.C., Clist, A.M. and Gethin, D.T.* “Characterisation of gravure cylinders” 53rd TAGA Tech. Conf., 2001.
- 39 *Korochkina, T.V., Jewell, E.H., Claypole, T.C., Gethin, D.T. and Bohan, M.F.J.* “Numerical analysis of pad deformation”, 2nd Int. Symp. On Printing And Coating Technology, Swansea, September 2000.
- 40 *Jewell, E.H., Claypole, T.C. Bohan, M.F.J. and Von Grol, M.* “Modelling the flow in a flexographic ink chamber” 52nd TAGA Tech. Conf., 2000.
- 41 *Claypole, T.C., Bohan, M.F.J., Jewell, E.H. and Gethin, D.T.* “Optimisation of the printing process using dynamic analysis” 51st TAGA Tech. Conf., 1999.

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- 42 **Bohan, M.F.J.**, Jewell, E.H., Anderson, J.T., Claypole, T.C. and Gethin, D.T. “The use of orthogonal array techniques in printing research”, Int. Printing and Graphic Arts Conf., Quebec, October 1998.
- 43 **Bohan, M.F.J.**, Claypole, T.C., *Gethin, D.T.* and *Megat Ahmed, M.M.H.* “A Model for Ink impression in a porous substrate”, Int. Printing and Graphic Arts Conf., Quebec, October 1998.
- 44 *Claypole, T.C.*, Jewell, E.H., **Bohan, M.F.J.**, and Gethin, D.T. “The development of ISO standards for the graphic screen printing”, 1st Int. Symp. On Printing And Coating Technology, Swansea, September 1998.
- 45 **Bohan, M.F.J.**, Claypole, T.C. and Gethin, D.T. “Boundary element modelling of printing and coating nips in a sliding contact” 50th TAGA Tech. Conf., Chicago, May 1998.
- 46 **Bohan, M.F.J.**, Claypole, T.C. and Gethin, D.T. “An investigation into ink transfer in rotogravure printing” 50th TAGA Tech. Conf., Chicago, May 1998.
- 47 **Bohan, M.F.J.**, Claypole, T.C., Gethin, D.T. and Basri, S.B. “Application of boundary element modelling to soft nips in rolling contact”, 49th Annual TAGA Tech. Conf., Quebec City, Canada, May 1997.
- 48 **Bohan, M.F.J.**, Claypole, T.C. and Gethin, D.T. “Thermal balance of sheet fed offset press and it’s effect on ink transfer”, 49th Annual TAGA Tech. Conf., Quebec City, Canada, May 1997.
- 49 **Bohan, M.F.J.**, Claypole, T.C. and Gethin, D.T. “An evaluation of print to print variation in web offset, sheet offset and gravure printing ” 14th Int. Symp. on Graphic Arts, Zagreb, Croatia, 6th-8th November 1996.
- 50 Claypole, T.C., *D.T. Gethin*, Lim, C.H., **Bohan, M.F.J.** and Basri, S.B. “An investigation of rubber roll distortion in a web offset press”, 48th Annual TAGA Tech. Conf., Dallas, Texas, April 1996.
- 51 **Bohan, M.F.J.**, *Claypole, T.C.* and Gethin, D.T. “Factors affecting the process stability of a heat set web offset press”, 1st TAGA/IARIGAI Tech. Conf., Paris, France, September 1995.
- 52 **Bohan, M.F.J.**, Claypole, T.C. and Gethin, D.T. “The application of Taguchi methods to the study of ink transfer in heat set web offset printing”, 47th Annual TAGA Tech. Conf., Orlando, Florida, April 1995.
- 53 **Bohan, M.F.J.** and Claypole, T.C. “Improving the accuracy of particle sizing techniques using light scattered from single particles”, 7th Int. Symp. on Applications of Laser Techniques to Fluid Mechanics, Lisbon, July 1994.

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- 54 **Bohan, M.F.J., Claypole, T.C., D.T. Gethin, Lim, C.H. and Roylance, B.J.** “An experimental investigation of heat set web-offset printing”, 1994 European Taguchi Methods and QFD Symp., May 1994.
- 55 **Bohan, M.F.J., Claypole, T.C., Livesley, D.M. and Yeoman, M.L.** “The scattering of light from irregular particles and the subsequent development of a signal validation technique to improve the accuracy of particle sizing using laser based techniques”, Proc. of the 3rd U.K. L.D.A. Colloquia., Swansea, 1992.
- 56 **Livesley, D.M., Bohan, M.F.J. and Claypole, T.C.** “Flash elimination - Improving the performance of single-particle counters for optical sizing of irregular particles”, Proc. of the 2nd Int. Symp. on Optical Particle Sizing, Temple, Arizona, 1990.
- 57 **Bohan, M.F.J., Claypole, T.C., Jones, L.M.** and Rollings, H. “Velocity measurements in gas flames”, 3rd Int. Conf. on Laser Anemometry - Advances and Applications, Swansea, 1989.
- 58 **Bohan, M.F.J. and Claypole, T.C.** “A design strategy for a miniature, robust laser anemometer”, Proc. of a Colloquia, Special applications, Rotating machinery, Miniature systems, Swansea, 1988.

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Press articles

My name has been highlighted in **Bold**. In no instance was the order of the authors determined alphabetically.

- 1 **Bohan, M.F.J.** “Hybrid Press Design”, The Magazine, Printing Industries Press, September 2015.
- 2 **Bohan, M.F.J.** “Combining Digital & Offset Workflows”, The Magazine, Printing Industries Press, September 2015.
- 3 **Bohan, M.F.J.**, Workman, J., and Mooney, D. “Press Assessments Ensure New Acquisitions Will Meet Your Needs”, The Magazine, Printing Industries Press, June 2015.
- 4 Jones, G., Gazda, J., Benek, M. and **Bohan, M.F.J.** “Production Solutions: Sustainable Printing Practices From The EHS Team”, The Magazine, Printing Industries Press, June 2015.
- 5 **Bohan, M.F.J.** “Marketing Automation: Engaging With The Customer”, The Magazine, Printing Industries Press, February 2015.
- 6 **Bohan, M.F.J.** “Time Of Transformation: The Influence Of Production Inkjet”, The Magazine, Printing Industries Press, January 2015.
- 7 **Bohan, M.F.J.** and Bodnar, J. “How Packaging Will Interact With Consumers”, The Magazine, Printing Industries Press, January 2015.
- 8 **Bohan, M.F.J.** and Ferrari, L. “Maximum Performance: Achieve It Through Consistency”, The Magazine, Printing Industries Press, December 2014.
- 9 **Bohan, M.F.J.** “Industry Q & A”, The Magazine, Printing Industries Press, October 2014.
- 10 **Bohan, M.F.J.**, and Jones, G. “Smart Packaging”, The Magazine, Printing Industries Press, February 2014.
- 11 Bodnar, J. and **Bohan, M.F.J.** “The Application and Use of NFC”, The Magazine, Printing Industries Press, February 2014.
- 12 **Bohan, M.F.J.**, and Mooney, D. “The Importance of Management Information Systems And How to Implement Them in Your Facility”, The Magazine, Printing Industries Press, January 2014.
- 13 Workman, J., and **Bohan, M.F.J.** “Level of Technology Innovation Remains High”, The Magazine, Printing Industries Press, January 2014.
- 14 **Bohan, M.F.J.** “Jazzing Up Your Brand with Cool Varnishes, Inks, and Substrates”, The Magazine, Printing Industries Press, November 2013.

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- 15 Workman, J., and **Bohan, M.F.J.** “Whose Patent Are You Infringing?,” The Magazine, Printing Industries Press, September 2013.
- 16 **Bohan, M.F.J.** “Job Management & Tracking Product” The Magazine, Printing Industries Press, September 2013.
- 17 **Bohan, M.F.J.** “Industry Q & A” The Magazine, Printing Industries Press, September 2013.
- 18 **Bohan, M.F.J.**, “Successful Workflow Automation”, The Magazine, Forecast Part 2, Printing Industries Press, July 2013.
- 19 **Bohan, M.F.J.**, and Mooney, D. “Selecting Your Management Information System”, The Magazine, Forecast Part 2, Printing Industries Press, July 2013.
- 20 **Bohan, M.F.J.**, and Dezzutti, D., “Developments in High-Speed Inkjet”, The Magazine, Forecast Part 2, Printing Industries Press, July 2013.
- 21 **Bohan, M.F.J.**, Bodnar, J., and Dezzutti, D., “Wide- and Grand Format Inkjet: Where are the Opportunities and Technical Developments”, The Magazine, Forecast Part 2, Printing Industries Press, July 2013.
- 22 **Bohan, M.F.J.**, “Enhancing the Evaluation of Innovative and Future Technologies”, The Magazine, Printing Industries Press, June 2013.
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- 25 Iskey, B., and **Bohan, M.F.J.** “The New Reality of Workflow Automation”, The Magazine, Forecast Part 2, Printing Industries Press, July 2012.
- 26 Iskey, B., and **Bohan, M.F.J.** “Digital Wide-Format: JDF Certification”, The Magazine, Forecast Part 2, Printing Industries Press, July 2012.
- 27 **Bohan, M.F.J.**, Dezzutti, D., and Iskey, B “High-Speed Inkjet Developments: How the Market Is Changing”, The Magazine, Forecast Part 2, Printing Industries Press, July 2012.
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- 30 Iskey, B., and **Bohan, M.F.J.** “Integrating Workflow Increases Productivity and Profitability”, The Magazine, Forecast Part 1, Printing Industries Press, January 2012.
- 31 Dezzutti, D., Workman, J., and **Bohan, M.F.J.** “Wide-Format Opportunities”, The Magazine, Forecast Part 1, Printing Industries Press, January 2012.
- 32 Radencic, G., and **Bohan, M.F.J.**, “Color Management for Digital”, The Magazine, Forecast Part 2, Printing Industries Press, September 2011.
- 33 Radencic, G., and **Bohan, M.F.J.**, “Performance Evaluation of Wide-Format Inkjet”, The Magazine, Forecast Part 2, Printing Industries Press, September 2011.
- 34 Iskey, B. and **Bohan, M.F.J.** “Workflow Solutions with JDF”, The Magazine, Forecast Part 2, Printing Industries Press, September 2011.
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- 37 **Bohan, M.F.J.** and Iskey, B. “High-Speed Inkjet”, The Magazine, Printing Industries Press, July 2011.
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- 46 **Bohan, M.F.J.** “The Added Value of Print—What Are Your Options?”, 2010 Forecast, Printing Industries Press, January 2010.
- 47 Radencic, G., **Bohan, M.F.J.**, and Ferrari, L. “Benchmarking Metrics to Improve Productivity”, 2010 Forecast, Printing Industries Press, January 2010.
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- 49 **Bohan, M.F.J.** and Meyers, J. “InterTech Technology Awards—Innovation Is the Key”, 2010 Forecast, Printing Industries Press, January 2010.
- 50 Iskey, B. and **Bohan, M.F.J.** “JDF: Status, Updates, and Workflow Solutions”, 2010 Forecast, Printing Industries Press, January 2010.
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- 52 **Bohan, M.F.J.** and Iskey, B. “Automation and JDF in Production”, The Magazine, Printing Industries Press, June/July 2009.
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- 55 **Bohan, M.F.J.** and Iskey, B. “JDF: Status, Updates, and Workflow Solutions”, 2009 Forecast, Printing Industries Press, February 2009.
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- 57 **Bohan, M.F.J.** and Radencic, G. “Spectrophotometer Developments”, 2009 Forecast, Printing Industries Press, February 2009.
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- 59 **Bohan, M.F.J.**, Iskey, B., and Mooney, D. “Management Information Systems”, 2009 Forecast, Printing Industries Press, February 2009.

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- 60 **Bohan, M.F.J.** “The Fundamentals for Color Communication”, *GATFWorld*, December 2008.
- 61 **Bohan, M.F.J.** and Iskey, B. “JDF and JMF: What Are the Benefits?”, *GATFWorld*, October 2008.
- 62 **Bohan, M.F.J.** and Iskey, B. “JDF: What It Is Now and Where It is Going?”, *GATFWorld*, October 2008.
- 63 **Bohan, M.F.J.** and Neumann, E. “Ink Optimization: An Evaluation of the Different Strategies”, *GATFWorld*, April 2008.
- 64 **Bohan, M.F.J.** “Innovation is the key” *GATFWorld*, February 2008.
- 65 **Bohan, M.F.J.** “Automated systems and workflows - JDF” *GATFWorld*, February 2008.
- 66 **Bohan, M.F.J.** and Radencic, G. “Fountain solution developments” *GATFWorld*, February 2008.
- 67 Radencic, G., Suffoletto, J., and **Bohan, M.F.J.** “GRACoL: A practical investigation into the specification” *GATFWorld*, August 2007.
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- 75 **Bohan, M.F.J.** “JDF moving forward”, *GATFWorld*, February 2005.
- 76 **Bohan, M.F.J.** “Color and Color Management: Get the Basics Right”, *GATFWorld*, December 2004.

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- 77 **Bohan, M.F.J.**, Gethin, D.T. and Claypole, T.C. “Standards and standardisation for flexographic printing”, FlexoTech, January/February 2000.
- 78 **Bohan, M.F.J.**, Gethin, D.T. and Claypole, T.C. “ISO standards for flexographic printing”, Converter Magazine, September 1999.
- 79 **Bohan, M.F.J.**, Gethin, D.T. and Claypole, T.C. “Measurement of fluid film thickness”, Converter Magazine, March 1999.
- 80 **Bohan, M.F.J.** “A practical academic”, Executive interview, Converter Magazine, January 1999.
- 81 **Bohan, M.F.J.**, Claypole, T.C. and Gethin, D.T. “An insight into coater performance”, Converter Magazine, November 1998.

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Appendix A

Invited lectures / Presentations / Moderation / Webinars

My name has been highlighted in **Bold**. In no instance was the order of the authors determined alphabetically.

- 1 **Bohan, M.F.J.** “Process Control in Print Production”, X-Rite Webinar Series, November 2015.
- 2 **Bohan, M.F.J.** “Boosting and Distinguishing Your Brand with Cool Coatings, Inks, and Substrates”, Printing Industries of America Webinar Series, September 2015.
- 3 **Bohan, M.F.J.** ““Smart” Package Printing: Value-Add BEYOND the Graphics”, Graph Expo Seminar Series, Chicago IL, September 2015.
- 4 **Bohan, M.F.J.** “Digital Press Integration: Do’s & Don’ts for Commercial Print Workflows”, Graph Expo Seminar Series, Chicago IL, September 2015.
- 5 **Bohan, M.F.J.** and Shaffer, J. “Which New Technologies will Impact Your Business?”, Enfocuss Virtual Safari, April 2015.
- 6 **Bohan, M.F.J.**, Dalton, E. and Plautz, B. “OBA’s Becoming Another Dimension!”, Enfocuss Virtual Safari, April 2015.
- 7 **Bohan, M.F.J.** “Creating Print Efficiency”, Round table moderator, Continuous Improvement Conference, Minneapolis, April 2015.
- 8 **Bohan, M.F.J.** “CIP4 Update”, Meeting Moderator, Miamisburg, OH, February 2015.
- 9 **Bohan, M.F.J.** “Automation Solutions Network”, Meeting Moderator, Miamisburg, OH, February 2015.
- 10 **Bohan, M.F.J.** “Interacting With the Consumer”, PIM 8th Annual Print Showcase, Minneapolis, February 2015. (presented twice)
- 11 **Bohan, M.F.J.** “Forum / Q & A”, Moderator, Summit 2014 – Global Printing Standardization & Integrated Media, Hong Kong, December 2014.
- 12 **Bohan, M.F.J.** “What We’ve Learned and What the Future Holds”, Color Conference, Phoenix, December 2014.
- 13 **Bohan, M.F.J.** “Which Technologies Impact Small and Medium Sized Businesses Today and in the Future?”, Print Community Forum & Tradeshow, Toronto, November 2014.
- 14 **Bohan, M.F.J.** “Smart Packaging: Changing the way we interact with goods!”, CMIC Summit, Rochester NY, October 2014.

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- 15 **Bohan, M.F.J. and Workman, J.** “Trend Alert: The Evolving Role of Production Inkjet”, Graph Expo Seminar Series, Chicago IL, September 2014.
- 16 **Bohan, M.F.J.** “The "Skinny" on Profit Opportunities in the Short Run Market”, Graph Expo Seminar Series, Chicago IL, September 2014.
- 17 **Bohan, M.F.J.** “Super Fast ROI”, Printing Industries of America Print Leadership Summit, Dallas, TX, June 2014.
- 18 **Bohan, M.F.J.** “Leveraging Technology and Process Improvement”, Industry Briefing Session, Printing Industries Of America Board Meeting, Dallas, TX, June 2014.
- 19 **Bohan, M.F.J.** “Making the Most of Automation”, Building Better Workflows: a Seybold Report Conference, May 2014.
- 20 **Bohan, M.F.J.** and Shaffer, J. “Technologies that will impact your business today and for years to come”, Enfocus Virtual Safari, May 2014.
- 21 **Bohan, M.F.J.** “Differentiating Your Brand with Cool UV/EB Coatings, Inks, and Substrates”, RadTech UV &EB Technology Expo and Conference, Chicago, IL, May 2014.
- 22 **Bohan, M.F.J.** “The Future of Digital Printing”, IMI 5th Digital Printing Presses Conference, Phoenix, AZ, April 2014.
- 23 Cousineau, P. and **Bohan, M.F.J.** “Smokin’ hot doodads or killer odds and ends”, Keynote, 66th TAGA Tech. Conf., Ft Worth, 2014.
- 24 Krone, C., Grimm, J. and Bohan, **M.F.J.**, “Short Run Expert Panel Discussion”, Heidelberg Open House, March 2014.
- 25 **Bohan, M.F.J.** “Automation Solutions Network”, Meeting Moderator, Daytona Beach, FL, February 2014.
- 26 **Bohan, M.F.J.** “State-of-the-Art in Defect Detection Systems”, FlexTech Conference, Phoenix, February 2014.
- 27 **Bohan, M.F.J.** “Jazzing Up Your Brand”, Color Management Conference, Phoenix, December 2013.
- 28 **Bohan, M.F.J.** “Must See Innovative New Technologies!”, Session Moderator, Color Management Conference, Phoenix, December 2013.
- 29 **Bohan, M.F.J.** “Positioning Companies Under 50 Employees: Where the Industry is Going”, PICA Fall Conference, Blowing Rock NC, November 2013.

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- 30 **Bohan, M.F.J.** “New Press Technology: Lithographic developments”, NPIRI 2013 Technical Conference, Chicago IL, October 2013.
- 31 **Bohan, M.F.J.** and Bodnar, J. “Pioneering Profit Opportunities with RFID & NFC”, PRINT13 Seminar Series, Chicago IL, September 2013.
- 32 **Bohan, M.F.J.** “High-Speed Wide Format: Trends & Opportunities”, PRINT13 Seminar Series, Chicago IL, September 2013.
- 33 **Bohan, M.F.J.** “Where is Print Going?”, Graphic Communications Guild, Chicago IL, September 2013.
- 34 **Bohan, M.F.J.** “Technology Trends”, PRINT13 Teachers Conference, Chicago IL, September 2013.
- 35 **Bohan, M.F.J.** “Technologies to Shape and Influence your Business”, PIANKO Leadership & Management Conference, Columbus, OH, August 2013.
- 36 **Bohan, M.F.J.** "TAGA: Latest Developments Supporting Research and Education", RadTech Summer Meeting, Pittsburgh, June 2013.
- 37 **Bohan, M.F.J.** “Automation Solutions Network”, Meeting Moderator, Las Vegas, NV, May 2013.
- 38 **Bohan, M.F.J.** “Automating Steps out of the Production Process”, Round table moderator, Continuous Improvement Conference, Indianapolis, April 2013.
- 39 **Bohan, M.F.J.** “Successful Workflow Automation: A Printers Perspective”, Printing Industries of America Webinar Series, February 2013.
- 40 **Bohan, M.F.J.** “Production Inkjet Has Come of Age! What You Need to Know About Production”, Printing Industries of America Webinar Series, January 2013.
- 41 Cheydleur, R., Luetkens, H. and Smiley, S. and **Bohan, M.F.J.**, “Standards and Specifications – Why they Matter and What is New” Session Moderation, Color Management Conference, Phoenix, December 2012.
- 42 **Bohan, M.F.J.** “Tendencias del Color y Tintas en la Industria de la Comunicación Gráfica”, SENA, Bogota Columbia, October 2012.
- 43 **Bohan, M.F.J.** “Production Inkjet Now!”, GRAPH EXPO Seminar Series, October 2012.
- 44 **Bohan, M.F.J.** “Wondrous Workflow”, GRAPH EXPO Seminar Series, October 2012.
- 45 **Bohan, M.F.J.** “The automation challenges and solutions of integrating inkjet and offset printing processes”, St Louis Park, MN, September 2012.

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