

Publications

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Warwick Research Archive Portal (WRAP): http://wrap.warwick.ac.uk/view/author_id/5743.html.

When the “Author Accepted Manuscript” is in the University of Warwick’s open access depository the web link for downloading is given after the publication’s details.

Books:

1. J. T. MOTTRAM, *‘Failure of carbon fibre reinforced laminated plates under biaxial stresses,’* PhD thesis, University of Durham, (1984).
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2. J. T. MOTTRAM, and C. T. Shaw, *‘Using finite elements in mechanical design,’* McGraw-Hill, Maidenhead, (1996). ISBN 0-07-709093 4
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Edited Books:

3. J. T. MOTTRAM, and G. J. Turvey, (Eds.), *‘State-of-the-art review on design, testing, analysis and application of polymeric composite connections,’* Polymeric Composite Structures Working Group 7, COST C1 Project on Behaviour of Civil Engineering Structural Connections, DG XII, European Commission, Office for Official Publications of the European Communities, Brussels & Luxembourg, (1998), p. 99, in print. (Principal editor)
4. C. Whysall, S. Halliwell, and J. T. MOTTRAM (Eds.), *‘Proceedings of the 5th International Conference on Advanced Composites in Construction 2011,’* University of Warwick. 6-8 September 2011, NetComposites, UK, 2011, pp. 493.
5. J. T. MOTTRAM and J. Henderson (Eds.), *‘FRP Bridges - Guidance for Designers,’* prepared by Composites UK: Construction Sector Group, CIRIA C779, London, 2018. ISBN 978-0-86017-794-4
https://www.ciria.org/Resources/Free_publications/Fibre_reinforced_polymer_bridges.aspx

Chapter or contribution to a Book:

6. (Refereed) J. T. MOTTRAM, and R. Taylor, *‘Thermal transport properties,’* in S. M. Lee (Ed), *International Encyclopaedia of Composites,* VCH publishers, Vol. 5, (1991), 476-496. ISBN 0-89573-290-4
7. COST C1 Management Committee, *‘Control of the semi-rigid behaviour of civil engineering connections: Final Report November 1999,’* DG XII, European Commission, Office for Official Publications of the European Communities, Luxembourg, (2000), p. 113. EUR 19244 EN. ISBN 92-828-9018-X Contributing Author, including 4-7 on *‘Connections in polymeric structures (WG7),’* 73-80.
8. M. E. Brettell and D. G. Brown, (Ed.), *‘Steel building design: Worked examples for students,’* SCI Publication P376, Steel Construction Institute, Silwood, Ascot, 2009. ISBN 978-1-85942-191-8 I was member of drafting team for worked examples and

- checker of design procedures, haing responsibility for the section on the design of a fully laterally restrained beam.
http://www.tatasteelconstruction.com/file_source/StaticFiles/Construction/p387.pdf
9. L. Ascione, J-F. Caron, P. Godonou, K. van IJselmuiden, J. Knippers, T. MOTTRAM, M. Oppe, M. Gantriis Sorensen, J. Taby and L. Tromp. Editors: L. Ascione, E. Gutierrez, S. Dimova, A. Pinto and S. Denton. 'Prospect for New Guidance in the Design of FRP,' Support to the implementation and further development of the Eurocodes, JRC Science and Policy Report, Policy Framework Existing Regulations and Standards, Prospect for CEN Guidance, European Commission, Joint Research Centre Institute for the Protection and Security of the Citizen, JRC99714, EUR 27666 EN, European Union, Luxembourg, (2016), p. 171. ISBN 978-92-79-54225-1 doi:10.2788/22306 <http://eurocodes.jrc.ec.europa.eu/showpublication.php?id=539> (free download)
 10. L. Ascione, J-F. Caron, P. Godonou, K. van IJselmuiden, J. Knippers, T. MOTTRAM, M. Oppe, M. Gantriis Sorensen, J. Taby and L. Tromp. Editors: L. Ascione, E. Gutierrez, S. Dimova, A. Pinto and S. Denton. 'Prospect for New Guidance in the Design of FRP,' Support to the implementation and further development of the Eurocodes, JRC Science and Policy Report, Policy Framework Existing Regulations and Standards, Prospect for CEN Guidance, European Commission, Joint Research Centre Institute for the Protection and Security of the Citizen, JRC99714, EUR 27666 EN, European Union, Luxembourg, 2017, p 183. ISBN 978-92-79-54225-1 doi:10.2788/22306 (PDF)
 11. L. Ascione, J-F. Caron, P. Godonou, K. van IJselmuiden, J. Knippers, T. MOTTRAM, M. Oppe, M. Gantriis Sorensen, J. Taby and L. Tromp, 'Prospect for New Guidance in the Design of FRP,', European Composite Industry (EuCIA), Brussels, Belgium, 2018, p 175. (PDF)
http://www.eucia.eu/news/prospect-for-new-guidance-in-the-design-of-frp-structures-updated-report/?utm_source=Sub+Group%3A+CSG&utm_campaign=debbc72976-EMAIL_CAMPAIGN_2018_10_24_03_55&utm_medium=email&utm_term=0_bc0ea2c9b0-debbc72976-238317981 Updated version of the prospect (No. 10) after the public inquiry
 12. M. E. Brettle and D. G. Brown, (Ed.), 'Steel building design: Worked examples for students,' SCI Publication P387, Steel Construction Institute, Silwood, Ascot, 2018, p. 132. ISBN 978-1-85942-191-8 Member of drafting team for worked examples and checker of design procedures; with responsibility for the section on the design of a fully laterally restrained beam. <https://portal.steel-sci.com/shop.html?sku=P387>

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18. J. T. MOTTRAM, and R. P. Johnson, 'Push tests on studs welded through profiled sheeting', *The Structural Engineer*, **68** 10, (1990), 187-193. ISSN 0039-2553
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23. J. T. MOTTRAM, B. Geary, and R. Taylor, 'Thermal expansion of phenolic resin and phenolic/silica- and carbon-fibre composites', *Journal of Material Science*, **27**, (1992), 5015-5026. ISSN 0022-2461
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161. **(Peer-reviewed)** N. S. Matharu and J. T. MOTTRAM, '*Laterally unrestrained bolt bearing strength: Plain pin and threaded values,*' in Proceedings 6th International Conference on FRP Composites in Civil Engineering (CICE 2012), 13-15 June 2012, Section 14: Codes and Design Guidelines, Paper 311, (2012), pp. 8 (CD-Rom)
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172. B. Zafari and J. T. MOTTRAM, '*Accelerated ageing of pultruded fibre reinforced polymers: Physical and mechanical Characterization*' Extended abstract in International Conference on Composites/Nano Engineering (ICCE-22), St. Julian, Malta, 13-19 July 2014, (2014), pp. 2.
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174. B. Zafari and J. T. MOTTRAM, '*On the mechanical characterisation of pultruded fibre reinforced plate material subjected to hygrothermal aging*,' in Proc. 20th International Conference on Composite Materials (ICCM 20), 19-24 July 2015, Durability, Creep and Aggressive Environment 4, Paper 5215-3, (2015), pp. 11.
175. **(Peer-reviewed)** B. Zafari and J. T. MOTTRAM, '*Characterization of a pultruded fibre reinforced polymer flat sheet material after hot-wet conditioning*,' in Proceedings 7th International Conference on Advanced Composites in Construction (ACIC 2015), 9-11

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176. X. Wei, J. Russell, S. Zivanovic and J. T. MOTTRAM, 'Experimental investigation of the dynamic performance of two all-FRP bridges,' in *Proceedings 35th IMAC, A Conference and Exposition on Structural Dynamics, 2017 Series: Conference Proceedings of the Society for Experimental Mechanics in Proc. of IMAC-XXXV*, 30 Jan.-1 Feb. 2017, (2017), p.9.
177. **(Peer reviewed)** J. T. MOTTRAM, 'Fibre reinforced polymer structures: Design guidance or guidance for designers,' in *Proceedings 8th International Conference on Advanced Composites in Construction (ACIC 2017)*, 5-7 September 2017, NetComposites Ltd., Chesterfield, UK, (2017), p11-16.
178. S. Zivanovic, X. Wei, J. Russell, and J. T. MOTTRAM, 'Vibration performance of two FRP footbridge structures in the United Kingdom,' in *Proceedings of 6th International Footbridge conference*, Berlin, 6-8 September, (2017). p.9. 10.0.24904/footbridge2017.0984
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180. M. Oppe, J. T. MOTTRAM and J. Knippers, 'A consistent design concept for bolted connections and applications to industrial structures,' in *Proceedings 9th International Conference on Fibre-Reinforced Polymer (FRP) Composites in Civil Engineering (CICE 2018)*, Paris, France, 17-19 July 2018.
181. X. Wei, J. Russell, S. Zivanovic and J. T. MOTTRAM, 'The effects of hammer operator in manually operated impact hammer testing of lightweight structures,' in *Proceedings of The World Conference on Structural Control and Monitoring (WCSCM20180, Qingdao, China, 22 - 25 July 2018*, p. 7.

Presentations with no written paper. Invitations to address conferences, Universities, companies and learned societies:

182. J. T. MOTTRAM and R. Taylor, 'Thermal expansion behaviour of phenolic composite materials,' 9th European Conference on Thermophysical Properties, Manchester, 17-21 September 1984.
183. **(Invited and expenses paid)** J. T. MOTTRAM, 'Structural properties of pultruded I- and box-sections,' Catholic University of America, Washington D.C., USA, 11 May 1992.
184. **(Invited and expenses paid)** J. T. MOTTRAM, 'Design charts for the thermal conductivity of two-phase solid composite materials,' Institute of Polymer Mechanics, Riga, Latvia, 2 May 1993.
185. **(Invited and expenses paid)** J. T. MOTTRAM, 'Artificial neural networks for ultrasonic testing,' Institute of Polymer Mechanics,' Riga, Latvia, 2 May 1993.
186. **(Expenses paid)** J. T. MOTTRAM, 'Beam-to-column connection for pultruded frames,' Report to members of EUROCOMP project team (EUREKA No. EU468), London, 11 May 1994.
187. **(Expenses paid)** J. T. MOTTRAM, 'Proposal for new COST C1 working group - Polymeric Composite Materials,' 2nd COST C1 Workshop on Semi-rigid behaviour of

- Civil Engineering Structural Connections, Prague, Czech. Republic, 26-28 Oct. 1994.
188. **(Invited and expenses paid)** J. T. MOTTRAM, '*Connections for pultruded frames*,' 1st Israeli Workshop on Composite Materials for Civil Engineering Construction, NBRI, Haifa, Israel, 29 May 1995.
189. **(Expenses paid)** J. T. MOTTRAM, '*Behaviour of connections in frames of fibre-reinforced polymer section - a review of our research*,' 1st meeting of the COST C1 project Working Group 7 on Polymeric Composite Structures, University of Warwick, UK, 25-26 Sept. 1995.
190. **(Invited)** J. T. MOTTRAM, '*Jointing techniques for advanced composites: Bolted connections*,' Advanced Composites Informal Study Group, The Institution of Structural Engineers, London, 25 March 1996.
191. **(Expenses paid)** J. T. MOTTRAM, '*Semi-rigid connections for frames of fibre-reinforced polymer*,' 2nd meeting of the COST C1 project Working Group 7 on Polymeric Composite Structures, University of Patras, Greece, 6-7 Sept. 1996.
192. **(Invited and expenses paid)** J. T. MOTTRAM, '*Assembling composite profiles for construction*,' Kolding Bridge Opening and Conference, Fiberline Composites A/S, Kolding, Denmark, 18 June 1997.
193. **(Invited and expenses paid)** J. T. MOTTRAM, '*Assembling composite profiles for construction*,' to staff and guests at EMPA, Swiss academics and industrialists, EMPA, Duebendorf, Switzerland, 10 Sept. 1997.
194. **(Expenses paid)** J. T. MOTTRAM, '*Contribution to preparation of working group publication - State-of-the-art review on design, testing, analysis and application of polymeric composite connections*,' 3rd meeting of the COST C1 project Working Group 7 on Polymeric Composite Structures, EMPA, Duebendorf, Switzerland, 13-14 September 1997.
195. J. T. MOTTRAM and G. J. Turvey, '*Member design with pultruded structural profiles*,' Workshop on Composites in Construction, BRE, Garston, 23 February 2000.
196. **(Invited Poster)** J. T. MOTTRAM and G. J. Turvey, '*Structural integrity of bolted joints for GRP profiles*,' EPSRC Structural Integrity Workshop, Churchill College, Cambridge, 18 September 2000.
197. **(Invited)** J. T. MOTTRAM, '*Design of connections*,' 1st CoSACNet Workshop (EPSRC Network for Composites in Construction), University of Southampton, 30 January 2001. <http://www.cosacnet.soton.ac.uk/presentations/presentations.htm>
198. J. T. MOTTRAM, '*Design manuals for pultruded structurals: Why Warwick University's research is relevant and timely*,' 2nd CoSACNet Workshop (EPSRC Network for Composites in Construction), Institution of Structural Engineers, London, 30 April 2001.
199. **(Invited)** R. P. Jones, W. Hall, and J. T. MOTTRAM, '*Finite element modelling and simulation for a smart tyre*,' Tire Technology EXPO 2002, Hamburg, 20-22 February 2002.
200. J. T. MOTTRAM, '*Why is the design of primary connections a major engineering issue?*' 6th CoSACNet Workshop, University of Warwick, 11 September 2002. <http://www.cosacnet.soton.ac.uk/presentations/presentations.htm>
201. G. J. Turvey and J. T. MOTTRAM, '*Design guidance for bolted joints of pultruded FRP material*,' 6th CoSACNet Workshop, University of Warwick, 11 September 2002. <http://www.cosacnet.soton.ac.uk/presentations/presentations.htm>
202. C. Lutz, P. Wang, G. J. Turvey and J. T. MOTTRAM, '*Behaviour of single and multi-row*

- bolted joints of pultruded FRP material*, 6th CoSACNet Workshop, University of Warwick, 11 September 2002.
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203. **(Invited and expenses paid)** J. T. MOTTRAM, '*Material and structural characterisation of pultruded structural shapes*,' to CCLAB at the Swiss Federal Institute of Technology, EPFL Lausanne, 25 September 2002.
204. **(Invited)** L-Y Li, J. Purkiss, S. Williamson, M. Saidani, R. P. Johnson, W. J. Lewis and J. T. MOTTRAM, '*Research in structural engineering, A review of current research being carried out at local universities*,' Technical Meeting for the Midland Counties Branch of The Institution of Structural Engineers, Birmingham, 22 March 2005.
205. **(Invited)** J. T. MOTTRAM, '*Civil engineering research at Warwick University with polymer composites*,' NGCC R&D Subgroup Seminar on the Status of Polymer Composite Research in UK Civil Engineering Departments, Institution of Structural Engineer, London, 10 November 2005.
206. **(Invited)** J. T. MOTTRAM, '*Forensic engineering: Learning from failure, with an emphasis of its Impact to the marine sector*,' Seminar to the Fluid Structure Interactions Research Group and MSc Students in the School of Engineering at University of Southampton, 2 March 2006.
207. **(Key note address)** J. T. MOTTRAM, '*Challenges for the design of connections and joints in all-FRP construction*,' IUAV-AICO Seminar on Costruzioni in Materiale Composito – All FRP Constructions, (IUAV) University of Venice, 18 September 2007.
208. **(Chairman's Address)** J. T. MOTTRAM, '*New build with fibre reinforced polymer shapes*,' To members of the Midland Counties Branch to the Institution of Structural Engineers, 12 February 2009.
209. J. T. MOTTRAM, '*New build with fibre reinforced polymer shapes*,' To Bridge Engineering Group at Mott MacDonald, East Croydon, 27 February 2009.
210. **(Invited)** J. T. MOTTRAM, '*Development of prescriptive rules for the design of structural components*,' in Joining Technologies for FRP Composite Materials Workshop, at NetComposites, Chesterfield, 17 November 2009.
211. **(Invited)** J. T. MOTTRAM, '*New build with fibre reinforced polymer shapes and systems*,' Engineering Department Structures Research Seminars, Cambridge University, Cambridge, 14 May 2010.
212. L. C. Bank and J. T. MOTTRAM, '*Towards designing pultruded structures with an ASCE standard*,' Proceedings Fifth International Conference on Advanced Composites in Construction (ACIC 2011), Coventry (Warwick University), 6 -8 September 2011.
213. **(Invited and expenses paid)** J. T. MOTTRAM, '*Innovative composites and nano ideas*,' Opening talk to breakout session at 1st meeting of EPSRC Network LIMES.NET (Network for Low Impact Materials and innovative Engineering Solutions for the Built Environment), University of Bath, 15 September 2011.
214. **(Visiting Professor)** J. T. MOTTRAM, '*New build with fibre reinforced polymer shapes and systems*,' to students and staff at luav Venezia, Italy, 8 November 2012.
215. **(Visiting Professor)** J. T. MOTTRAM, '*Design guidance for bolted connections in structures of pultruded shapes: Resolving known gaps in knowledge*,' Research talk at luav, Venezia, Italy, 17 December 2012.
216. J. T. MOTTRAM, '*New build with fibre reinforced polymer shapes and systems*,' to students and staff in the Department Civil Engineering at Coventry University, 23 January 2013.

217. **(Visiting Professor)** J. T. MOTTRAM, '*Simple design approaches and new ways for composite materials,*' Talk for architects and Engineers in a CDP two-day workshop, Laboratorio di Scienza delle Costruzioni (LabSCo), Università IUAV di Venezia, Venice, Italy, 7 February 2013.
218. **(Invitation only)** J. T. MOTTRAM, '*Confidence in durable composites (DURACOMP),*' Proceedings of the FIF5 forum (EPSRC Network), Churchill College, Cambridge, 27-28 March 2013.
219. Boscato, G., Casalegno, C., MOTTRAM, J.T. and Russo, S., '*Time-dependent effects on critical buckling load of pultruded column,*' Session 7: Composite structures in civil engineering, in Proc. 17th Inter. J. Conf. on Composite Structures (ICCS17), Porto, 17-21 June 2013. (Extended Abstract No. 3053)
220. J. T. MOTTRAM, '*New build with fibre reinforced polymer shapes and systems,*' to students and staff in the Department Civil Engineering at Imperial College, London, 11 July 2013.
221. N. S. Matharu and J. T. MOTTRAM, '*Partial factor for bearing failure in bolted connections for pultruded shapes,*' NetComposites Event Joining Technologies for Fibre-Reinforced Polymer Composite Materials on 8 May 2014, at WMG, The University of Warwick.
222. A. Gand, T-M Chan and J. T. MOTTRAM, '*Compression strength characterisation and behaviour of pultruded glass fibre reinforced polymer closed sections,*' in Proceedings of Inter. Conf. Composites/Nano Engineering (ICCE-22), St. Julian, Malta, 13-19 July 2014.
223. Gand A.K., Sidhu H. S., Mottram J.T. and Chan T-M., '*Reciprocally configured and supported modules (RCSM) of Glass Fibre Reinforced Polymer (GFRP) hollow square sections – Experimental investigation,*' in Proceedings of Inter. Conf. Composites/Nano Engineering (ICCE-22), St. Julian, Malta, 13-19 July 2014.
224. B. Zafari, N. S. Matharu and J. T. MOTTRAM, '*Accelerated ageing of pultruded fibre reinforced polymers: Physical and mechanical characterization,*' in Proceedings of Inter. Conf. Composites/Nano Engineering (ICCE-22), St. Julian, Malta, 13-19 July 2014. (Extended abstract, pp. 2)
225. B. Zafari, J Qureshi and J. T. MOTTRAM, '*Resin Injected bolted connections: Fatigue and creep Testing towards achieving slip-resistant joints in FRP bridge engineering,*' FRP Bridges 2014, 11-12 September 2014, London.
226. **(Invited)** J. T. MOTTRAM, '*Toward designing pultruded structures with a design standard.*' in session on Composites in Construction at Composite Engineering Show, NEC, Birmingham, 12 November 2014.
227. **(Invited)** J. T. Mottram, '*Structural engineering research at Warwick University for design guidance,*' NGCC Industry Showcase, NCC, Bristol, 23 April 2015.
228. A. M. Girao Coelho, J. T. MOTTRAM, K. A. Harries, '*Parametric study of net section failure of pultruded connections with three-dimensional finite element approach,*' in Session 6.1 to Proceedings of 18th Inter. Conf. on Composite Structures (ICCS18), Lisbon, 15-18 June 2015.
229. S. A. Grammatikos, R. J. Ball, M. C. Evernden, B. Zafari, and J. T. MOTTRAM, '*Structural deformation assessment of glass fibre reinforced polymers subjected to hygrothermal aging,*' in Session 8.1 to Proceedings of 18th Inter. Conf. on Composite Structures (ICCS18), Lisbon, 15-18 June 2015.
230. A. M. Girão Coelho, N. S. Matharu and J. T. MOTTRAM, '*Parametric study of net*

section failure of pultruded connections with three-dimensional finite element approach, Proceedings 5th ECCO-MAS Thematic Conference on Mechanical Response of Composites, Bristol, UK, 7-9 September 2015.

231. J. T. MOTTRAM, 'Simple design approaches and new ways for composite materials,' School of Engineering Seminar Programme, Warwick University, 20 November 2015. <http://www2.warwick.ac.uk/fac/sci/eng/research/seminars/>
232. N. Farmer and J. T. MOTTRAM, 'Development of UK design guidance for FRP bridges,' Proceedings of Composites in Construction 2017 (ComplC 2017), Amsterdam, The Netherlands, 31 January – 1 February 2017.
233. J. T. MOTTRAM, 'New ways for composites materials,' Institution of Structural Engineers Midland Counties Region Technical Meeting, University of Birmingham, 24 October 2017.

Other output:

234. (Invited and expenses paid) J. T. MOTTRAM, D. A. Hutchins, E. L. Hines, P. Corcoran, and D. M. Anthony, 'Detection of artificial defects in fibre reinforced composites using artificial neural networks,' Polymer Engineering Conference, Loughborough Univ., Sept. 22-23rd 1992, Polymer Engineering Group, (1992), p 5.
235. (Invited) J. T. MOTTRAM, 'Potential in building structures,' One day seminar on Advanced Composites in Building, Civil Engineering & Offshore Structures, Inst. Civil Engineers, 1 Nov. London, 1995.

Book reviews:

236. (Invited) J. T. MOTTRAM, in *Proceedings of the Institution of Civil Engineers, Structures and Buildings*, **104**, May, (1994), 241-242, 'Polymer Composites for Civil and Structural Engineers', L. Hollaway, Blackie Academics & Professional, (1993). ISSN 0965-0911
237. (Invited) J. T. MOTTRAM, in *J. Composites for Construction*, **1** 2, (1997), 79-80, 'Structural Design of Polymer Composites - EUROCOMP Design Code and Handbook', J. L. Clarke (Ed.), S & F N Spon, London, (1996). ISSN 1090-0268
238. (Invited) J. T. MOTTRAM, in *Proceedings of the Institution of Civil Engineers, Structures and Buildings*, **146** (2), (2001), p. 235. 'Plasticity for Engineers: Theory and Applications,' C. R. Calladine, Horwood Series in Engineering Science, Horwood Publishing, Chichester, (2000). ISSN 0965-0911
239. J. T. MOTTRAM, in *Proceedings of the Institution of Civil Engineers, Forensic Engineering*, **164** 3, (2011), 143-143, ISSN: 2043-9903, E-ISSN: 2043-9911, of N. F. MacAlevey, 'Structural Engineering Failures: lessons for design,' *Createspace, LaVergne, TN, USA, (2010) pp. 286. ISBN 978-1453745779*

Letters and publicity items:

240. J. T. MOTTRAM, 'Optimising composites', in R. Swan (Ed.), Bridge Design and Engineering, Route One Publishing, 5, (Nov 1996), 7.
241. J. T. MOTTRAM (on behalf of IStructE Research Panel), 'Towards a brand new structural material standard,' Innovation & Research, May 2009. www.innovationandresearchfocus.org.uk

Philatelic Studies:

242. J. T. MOTTRAM, 'Variety on SG Spec. C10 Plate 59 PL,' *Focus on GB – 2, The GB Journal*, **41** 2, (2003), 37. ISSN 0430-8913

External and Internal Reports:

243. J. T. MOTTRAM and R. Taylor, '*Thermal conductivity of composite materials*,' Report to the MOD (Ref CON/2A8660), UMIST, (1985), pp. 81.
244. J. T. MOTTRAM, '*Technical report on strength of Tubular Barriers' plastic seat frame design*,' To Hoechst Celanese Plastic Ltd., WU, (April 1998), pp. 16.
245. R. P. Johnson and J. T. MOTTRAM, '*Collapse assessment for a half-scale model bridge*,' Report to the Transport and Road Research Laboratory (Ref CON/9961/65), Warwick University, (1988), pp. 24.
246. J. T. MOTTRAM and H. D. B. Jenkins, '*Report on structural testing of Firec coated steel at the University of Warwick for Nullifire Ltd.*,' Warwick University, (Dec. 1990), pp. 50.
247. J. T. MOTTRAM, '*Push tests on studs welded through Holorib steel sheeting*,' Report to Crompton Stud Welding Ltd., Warwick Uuniversity, (Apr. 1992), pp. 21.
248. J. T. MOTTRAM, '*Push tests on studs welded through Holorib steel sheeting with steel fibre concrete*,' Report to Steel Construction Institute on behalf of N.V. Bekaert S.A., WU, (Mar. 1995), pp. 27.
249. J. T. MOTTRAM, and D. Anderson. Final Report for SERC project: GR/J68304. '*Pilot study - Moment-Rotation behaviour of connections in pultruded frames*,' Construction Committee SERC, (Sept. 1995), pp. 6.
250. J. T. MOTTRAM, M. Md.Tahir, and D. Anderson, '*Push tests for composite steel-concrete beams with pin-connected shear studs*,' Report to Pneutek (Europe) Ltd. on Test No. 1 to 5, Warwick University, (July 1996), pp. 27.
251. J. T. MOTTRAM, M. Md.Tahir, and D. Anderson, '*Push tests for composite steel-concrete beams with pin-connected shear studs*,' Report to Pneutek (Europe) Ltd. on test No. 6, WU, (Aug. 1996), pp. 5.
252. J. T. MOTTRAM, M. Md.Tahir, and D. Anderson, '*Push tests for composite steel-concrete beams with pin-connected shear studs*,' Report to Pneutek (Europe) Ltd. on test No. 7, Warwick University, (Dec. 1996), pp. 6.
253. J. T. MOTTRAM and D. Anderson, '*Report on the Proceedings of the EPSRC workshop DEVELOPMENTS FOR COMPOSITES IN CONSTRUCTION held at University of Warwick on Tuesday 15 April 1997*,' Warwick University, May 1997, pp.3. Distributed to Research Council, delegates at Workshop and other interested organisations.
254. J. T. MOTTRAM, '*Composite steel concrete beams with pin-connected shear studs - Stud-only tests*,' Report to Pneutek (Europe) Ltd., Warwick University, (June 1997), pp. 5.
255. J. T. MOTTRAM, '*Report on the Proceedings of the Task Group meeting RESEARCH NETWORK FOR COMPOSITES IN CONSTRUCTION ITS FORMATION, ROLE, AND MEMBERSHIP*,' held at University of Warwick on Monday 2 June 1997, June 1997, pp. 2. Distributed to Research Council, delegates at Workshop and other interested organisations.
256. J. T. MOTTRAM, '*Composite steel concrete beams with pin-connected shear studs - Test No. 8*,' Report to Pneutek (Europe) Ltd., Warwick University, (August 1997), pp. 5.
257. J. T. MOTTRAM and D. Anderson, Final report on EPSRC project GR/K52768.

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Local media

Five minutes radio interview on 'Bridge failures' following the sudden collapse of the I-35W road bridge in Minneapolis, USA. Broadcasted at 17:30 on Thursday 2 August 2007 as a contribution to the Jane Vickers show on Coventry and Warwickshire BBC local radio.