

Publications in conference proceedings

1. Östlund, S., "Three-Dimensional Deformation and Damage Mechanisms in Forming of Advanced Structures in Paper", *Transactions of the 16th Fundamental Research Symposium*, Pembroke College, Oxford, England, September 3-8, pp. 489-594, 2017.
2. Hagman, A., Timmermann, B., Nygårds; M., Lundin, A., Barbier, C., Fredlund, M. and Östlund, S., "Experimental and numerical verification of 3D forming", *Transactions of the 16th Fundamental Research Symposium*, Pembroke College, Oxford, England, September 3-8, pp. 3-26, 2017.
3. Tjahjanto, D.D., Westermarck, L., Schmidt, L.E. and Östlund, S. (2017), "On the mechanics of laminated pressboard", *EUROMECH Colloquium 592 Deformation and Damage Mechanisms of Wood-Fibre Network- Materials and Structures*, Stockholm, June 7-9, 2017.
4. Linvill, E. and Östlund, S. (2017), "Mechanics of paperboard with multiple wrinkles", *EUROMECH Colloquium 592 Deformation and Damage Mechanisms of Wood-Fibre Network- Materials and Structures*, Stockholm, June 7-9, 2017.
5. Östlund, S. Linvill, E. and Wallmeier, M. (2016), "Continuum Modeling of Wrinkles and Explicit FEM Modeling of Paperboard Deep-Drawing", *Progress in Paper Physics Seminars*, Darmstadt, Germany, August 23-26, 2016
6. Linvill, E. and Östlund, S. (2016), "Biaxial (In-Plane) Failure and Yield of Paperboard", *Progress in Paper Physics Seminars*, Darmstadt, Germany, August 23-26, 2016
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11. Hirn, U., Schennach, R., Ganser, C., Magnusson, M., Teichert, C. and Östlund, S., "The Area of Molecular Contact in Fiber-Fiber Bonds", *Transactions of the 15th Fundamental Research Symposium*, Robinson College, Cambridge, England, September 8-13, 201-223, 2013
12. Magnusson, M. S., Fischer, W. J., Östlund, S. and Hirn, U., "Interfibre joint strength under peeling, shearing and tearing types of loading", *Transactions of the 15th*

Fundamental Research Symposium, Robinson College, Cambridge, England, September 8-13, 103-122, 2013

13. Huang, H., M. Nygårds and S. Östlund, "Numerical analysis and experiments for increased understanding of cartonboard creasing and folding", *Verarbeitungsmaschinen und Verpackungstechnik 2012*, Dresden, Germany, March 22-23, 295-313, 2012
14. Borodulina, S., S. Östlund and T. Trost, "Digital Analysis of Deformed Corrugated Boxes Using 3D Speckles, 17th World Conference on Packaging, 12-15 October 2010, Tianjin, China, 2010
15. Blom, K., L. Filipsson, S. Östlund, "På spåret – att hjälpa studenter med dåliga förkunskaper", *2:a Utvecklingskonferensen för Sveriges ingenjörutbildningar*, 2-3 december, 2009, LTH, 2009
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17. Östlund, S., M. Nygårds, "Through-thickness mechanical testing and computational modelling of paper and board for efficient materials design", *Hannu Paulapuro Symposium*, March 20, 2009, Dipoli, Esbo, Finland, 69-82, 2009
18. Jamialahmadi, A., Trost, T., Östlund, S., "Dynamic performance of corrugated boxes", *Proceedings of the 16th IAPRI World Conference on Packaging*, June 8-12, Bangkok, Thailand, 2008
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21. Östlund, S., Blom, K., Hjort, P.-O., Ahlstrand, J., "Continuous improvement of a CDIO program using management-by-means", *Proceedings of the 3rd International CDIO Conference*, June 11-15, 2007, MIT, USA, 2007
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28. Malmqvist, J., Edström, K., Gunnarsson, S. and Östlund, S., "Use of CDIO Standards in Swedish National Evaluation of Engineering Education Programs", *1st Annual CDIO Conference*, Queens University, Kingston, Ontario, Canada, June 7-8, 2005
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