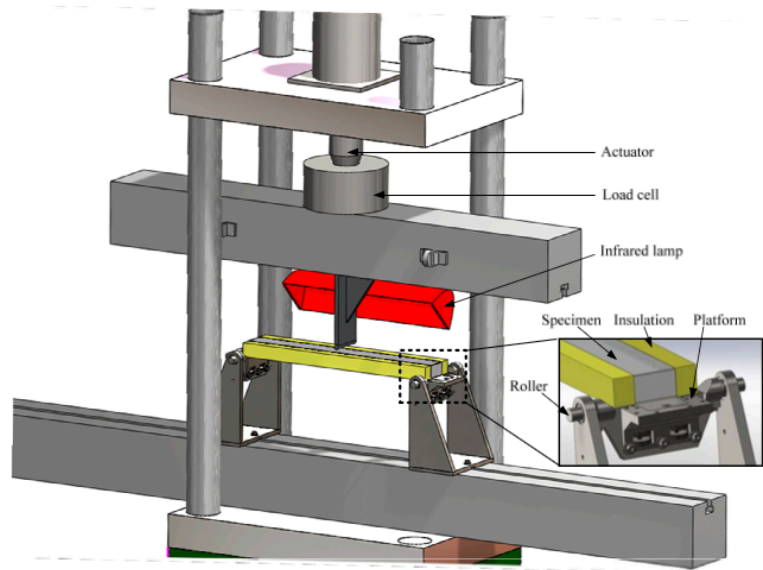


(a)



(b)

Figure 1: (a) Specimen loading configuration showing mechanical and thermal boundary conditions; (b) schematic of the experimental set-up.



Professor Ole Thybo Thomsen

From: H.N.K.T. Palleti, S. Zhang, R.K. Fruehmann, J.M. Dulieu-Barton and O.T. Thomsen, "Influence of thermomechanical interaction effects on the failure behaviour of polymer foam cored sandwich panels", *Journal of Sandwich Structures & Materials*, Vol. 17, No. 3, pp 308-331, May 2015

See:

<https://www.southampton.ac.uk/engineering/about/staff/ot1e11.page>

[http://vbn.aau.dk/en/persons/ole-thybo-thomsen\(766ccce6-c492-4834-bfe4-b1c40ed3a7d4\).html](http://vbn.aau.dk/en/persons/ole-thybo-thomsen(766ccce6-c492-4834-bfe4-b1c40ed3a7d4).html)

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Biography:

Professor Thomsen is Head of the Infrastructure Research Group and is a Professor of Structures and Materials at the University of Southampton. He also holds a part time position as Professor of Solid Mechanics at Aalborg University, Denmark.

He was awarded MSc (1986) and PhD (1990) degrees in Mechanical Engineering at Aalborg University, Denmark. His professional experience includes positions as a postdoctoral fellow at Aalborg University; Research Fellow with the European Space Agency (ESA), European Space Research and Technology Centre

(ESTEC), the Netherlands (1993-1995); Associate Professor with the Department of Mechanical Engineering, Aalborg University, Denmark (1995); Professor of Solid Mechanics with the Department of Mechanical Engineering, Aalborg University (2001), Denmark, and Head of Department at the same place 2002-2010. In addition, Professor Thomsen has held visiting professor positions with the Department of Mechanical Engineering and Center for Composite Materials, University of Delaware, USA (1999-2000); Israel Institute of Technology - Technion, Haifa, Israel (8 stays in the period 1999-2010); University of Southampton, School of Engineering Sciences (2008-2011).

Professor Thomsen is currently Chairman of the Danish Council for Independent Research | Technology and Production Sciences (FTP), he is a member of the Danish Academy of the Technical Sciences (ATV), and he is currently Associate Editor for *Strain - An International Journal for Experimental Mechanics*.

Research Interests:

Professor Thomsen's interests include experimental, theoretical and computational mechanics with special focus on design, characterization and evaluation of lightweight structures made of composite and sandwich materials as well as light metal alloys. His main field of research concerns the modelling and experimental characterization of localised effects and failure in lightweight composite and sandwich structures subjected to static, fatigue and dynamic loading conditions.

Selected Publications:

Book:

Sandwich Structures 7: Advancing with sandwich structures and materials, edited by Ole Thybo Thomsen, E. Bozhevolnaya, A Lyckegaard, Proceedings of the 7th international conference on sandwich structures, Aalborg University, Denmark, August 2005, Springer, Dordrecht, The Netherlands, ISBN 10 1-4020-3444-X

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