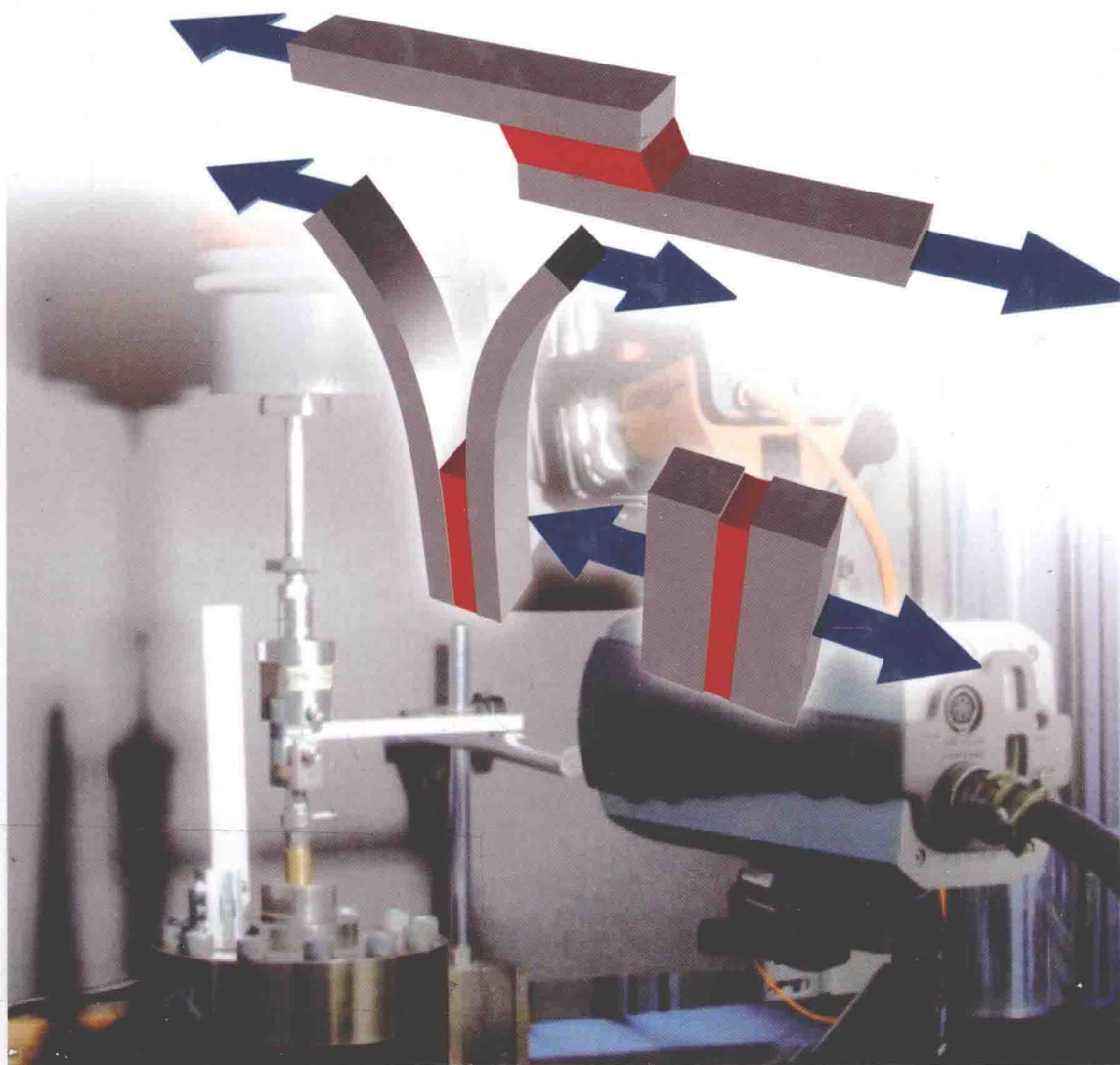


Edited by Lucas F.M. da Silva, David A. Dillard,  WILEY-VCH  
Bamber R.K. Blackman, Robert D. Adams

# Testing Adhesive Joints

Best Practices



*Edited by Lucas F.M. da Silva, David A. Dillard,  
Bamber Blackman, and Robert D. Adams*

## Testing Adhesive Joints

Best Practices



WILEY-VCH Verlag GmbH & Co. KGaA

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## About the Editors

**Dr. Lucas F.M. da Silva** is Assistant Professor at the Department of Mechanical Engineering of the Faculty of Engineering of the University of Porto (FEUP) where he is also Head of the Materials and Technological Group. His research focuses on adhesive bonding and is currently the President of the Portuguese Adhesion Society. He received his degree in Mechanical Engineering from the FEUP in 1996 and his Master of Science from the same institution in 1999. He received a PhD related to adhesive bonding in 2004 from the University of Bristol (UK) under the supervision of Prof. R.D. Adams. He has published 13 books, approximately 90 ISI journal papers and more than 100 papers in proceedings of conferences. He recently won the SAGE Best Paper Award 2010 and the Donald Julius Groen Prize 2010 (both from the Institution of Mechanical Engineers). He is member of the editorial board for the International Journal of Adhesion and Adhesives, Journal of Adhesion Science and Technology and The Journal of Adhesion, and reviewer of 24 international journals.

**Prof. David A. Dillard** is the Adhesive and Sealant Science Professor of Engineering Science and Mechanics at Virginia Tech, having received his BS and MS degrees from the University of Missouri-Rolla, and his PhD from Virginia Tech. With industrial experience at McDonnell Douglas prior to entering graduate school, he has also worked during summers and sabbaticals at General Motors, NASA (Langley and Ames), National Taiwan University, and Oak Ridge National Laboratory. With over 30 years of experience in adhesive bonding he regularly teaches academic courses in viscoelasticity, adhesion science, and sustainability, and has co-authored over 135 refereed journal articles and several book chapters. He served for five years as Director of the Center for Adhesive and Sealant Science and served as Founding Director of Macromolecules and Interfaces Institute, both at Virginia Tech. He recently completed a term as President of the Adhesion Society, in which he is a Robert L. Patrick Fellow, and serves on the Editorial Board of the Journal of Adhesion.

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