

# PERSONAL PROFILE

Tel: +44 (0) 1344 770892  
Fax: +44 (0) 1344770894  
investigations@trl.co.uk



**DAVID HYND**

PhD, BEng Hons

Principal Researcher

David is the head of the Biomechanics and Injury Prevention group at the Transport Research Laboratory (TRL), and a Fellow of the TRL Academy. He has worked at TRL since 1999, leading numerous projects on the mechanisms of injury, human injury tolerance, the development of human surrogates such as crash test dummies, and the development of crash test procedures and rating schemes. His clients include Governments, both in the UK and overseas, the FIA Institute, helmet and other manufacturers. He has also provided consultancy on, and been responsible for, the technical quality of work in the legal sector.

He gained a BEng in Mechanical Engineering from the University of Surrey in 1992 and PhD in Biomedical Engineering from the same University in 1998. He has been the UK National Representative on EEVC (European Enhanced Vehicle-safety Committee) Working Group 12 (Biomechanics) from January 2002 to the present, and he has been Chair of EEVC WG20 (Rear Impact Test Procedures) from March 2005 to the present. The EEVC develops test tools, injury criteria and test procedures for use in European road safety regulations.

David was recently responsible for the UK contribution to a European project to develop improved head injury prediction methods through the combination of physical testing and finite element modelling. He led the development of the assessment procedure for the SHARP motorcycle helmet rating scheme that was launched by the UK Department of Transport in 2008, and he is currently supervising a PhD on head injury mechanisms.