

Name	Jesper Hattel		
Nationality	Danish		
Birth Date	16 th January 1965		
Email	jhat@mek.dtu.dk		
Telephone	+45 45254710		

Education

1989 M.Sc. Structural Engineering (DTU)
1993 Ph.D. Mechanical Engineering (DTU)

Positions - Employment Record

1989-1990 Research assistant, Dept. of Manufacturing Engineering, DTU
1990-1993 Ph.D. student, Dept. of Manufacturing Engineering, DTU
1993-1995 EU-Post. Doc. Fellow at MAGMA GmbH, Aachen, Germany
1995-1997 Assistant professor, Dept. of Manufacturing Engineering, DTU
1997-2005 Associate professor, Dept. of Manufacturing Engineering, DTU
2006-2007 Professor, Dept. of Manufacturing Engineering, DTU
2007- Professor, Dept. of Mechanical Engineering, DTU
2016- Head of section for Manufacturing Engineering, Dept. of Mechanical Engineering, DTU

Research interests

Multiphysics modelling of manufacturing processes, e.g. casting, welding, 3d printing and moulding of composites. Disciplines include numerical heat transfer, CFD, computational solid mechanics as well as computational materials science.

Project supervision

Since 1991 *main supervisor* on 12 Post.Doc projects, 36 Ph.D. projects and 22 M.Sc. projects

Reviewing

Reviewer for 45 international journals. Examiner for 23 Ph.D. theses in Denmark, Sweden, Austria, France and India. Member of evaluation committees for full and associate professorships in Denmark, Sweden and Belgium. Expert reviewer for the EU-Commission. Reviewer for the Research Councils of the Netherlands, Sweden and Belgium.

Publications

291 publications in total: 2 theses, 1 scientific monograph, 129 articles in international journals with review, 134 papers in proceedings with review, 15 technical reports and 10 lecture notes (October 2016)
Citations: 3474, h-index: 29 (Google Scholar)

Selected awards and distinctions

P.Gorm Pedersens award for excellent Ph.D. candidates, DTU (1994), Fabrikant Ulrik Brinch og hustrus award for excellent research, DTU (2002), Fellow IMA, UK (2002), Outstanding reviewer, Acta Materialia, Elsevier (2005), Top 10 reviewer, Scripta Materialia, Elsevier (2006), The Materials Award (Materialeprisen), Danish Metallurgical Society (2007), Teacher of the year, DTU (2010), Excellent reviewer, Metallurgical and Materials Transactions, ASM (2011), Elected member of ATV - Danish Academy for Technical Sciences (2013), Member Danish Research Council for Technology and Production (FTP) (2012-2016)

Selected grants/projects since 2011

2011-2014	VTU Innovation consortium "INNOMOULD"	WP leader	1.5 Mkr
2011-2014	VTU Innovation consortium "F.MAT"	WP leader	2.2 Mkr
2011-2016	DSF-center "REWIND"	Center leader (PI)	45.6/6.5 Mkr
2013-2016	HTF project "BLADERUNNER"	WP leader	2.4 Mkr
2013-2016	FTP project "Improved climate control in electronics"	WP leader	2.8 Mkr
2013-2016	EU FP7 project "Plast4Future"	WP leader	1.1 Mkr
2014-2017	HTF project "Accurate manufacture"	WP leader	2.4 Mkr
2014-2017	VTU Innovation consortium "IN SPE"	WP leader	3.8 Mkr
2016-2020	EU H2020 ESR Network "PAM^2"	WP leader	3.5 Mkr
2016-2020	FTP FP2 project "Multiphysics Modelling of Pultrusion"	Project leader (PI)	4.8 Mkr

Selected industrial collaboration: Vestas (DK), LEGO (DK), NOV Flexibles (DK), Simens Windpower (DK), LM Windpower (DK), Fiberline (DK), Rockwool (DK), COWI A/S (DK), Rambøll (DK), Haldor Topsøe (DK), MAN Diesel and Turbo (DK), COLOPLAST (DK,) DONG Energy (DK), Rambøll (DK), IPU (DK)