European Historiography of Technology

Proceedings from the TISC-Conference in Roskilde

Edited by Dan Ch. Christensen

Contents

Acknowledgements	7
Editors Introduction	9
Akos Paulinyi: Machine Tools in the Transfer Policy of the Prussian 'Gewerbeförderung' (1820s-1840s)	17
John R. Harris: Sources for the Study of Industrial Espionage by Eighteenth Century France	30
Frank Allan Rasmussen: The Royal Danish-Norwegian Dockyard: Innovation, Espionage and Centre of Technology	41
Dick van Lente: The Critique of Industrial Technology in the Netherlands and other Western Countries in the Nineteenth Century	55
Helge Kragh: Transatlantic Technology Transfer: The Reception and early Use of the Telephone in USA and Europe	68
Hans Hedal: Early Rural Electrification in Denmark – a Reaction from People outside the Town Establishment	91
Klaus Mauersberger: The Development of German Engineering Education in the Nineteenth Century – a Comparison with Great Britain and France	111
G. Verbong: The Tension between Theory and Practice – Dutch Engineering Education in the Nineteenth Century	125
Michael F. Wagner: Danish Polytechnical Education between Handicraft and Science	146
Henrik Harnow: The Danish Engineer in Transition – The Reformation of Danish Engineering Education c. 1890-1933	164

Martyn Bakker: Farmers and Agrarian Industries in the 19th Century: Who's the Boss?	175
Dan Ch. Christensen: Danish Modernization Strategies – from above or below?	189
Peter Kemp: Ethics of Technology: The Irreplaceable	204
Kristine Bruland: Comparative Studies in European History of Techno-	
logy	226
Contributors	235
Index	240