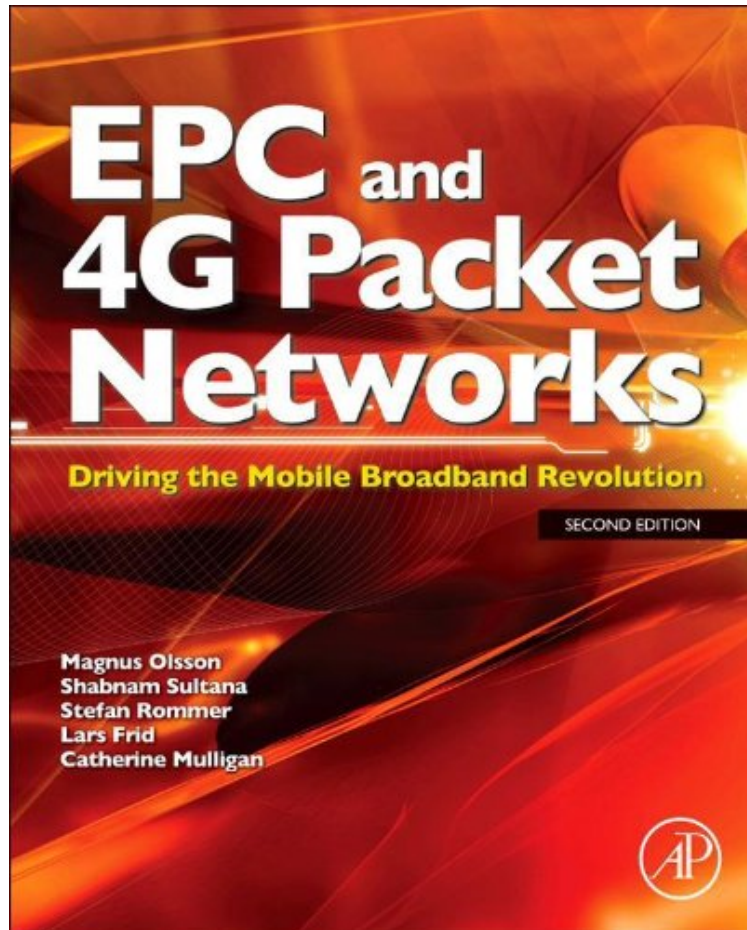


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EPC and 4G Packet Networks: Driving the Mobile Broadband Revolution

Von Magnus Olsson, Catherine Mulligan
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SAE is the core network that supports LTE, the next key stage in development of the UMTS network to provide mobile broadband. It aims to provide an efficient, cost-effective solution for the ever-increasing number of mobile broadband subscribers. There is no other book on the market that covers the entire SAE network architecture; this book summarizes the important parts of the standards, but goes beyond mere description and offers real insight and explanation of the technology. Fully updated with the latest developments since the first edition published, and now including additional material and insights on industry trends and views regarding future potential applications of SAE.

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Über den Autor und weitere Mitwirkende Magnus Olsson is an expert in system architecture and standardization at Ericsson. He has worked with the overall mobile network architecture since joining Ericsson in 1995 and has over 10 years of experience in the standardization of mobile systems. He served as the chairman of 3GPP TSG SA WG2 (Architecture Working Group) for four years and has contributed to numerous specifications within this forum. He has been involved in driving the System Architecture Evolution (SAE) work item since its inception within 3GPP. He holds an MSc in Applied Physics and Electrical Engineering from the Linköping Institute of Technology. Catherine Mulligan is a Research Fellow at Imperial College, London. Catherine's research focuses on the emerging technologies of the communications industries and the creation of new business models around the data streams associated with them. She has 15 years industrial experience in the communications industries, including 10 years at Ericsson. She holds several patents and is the author of several books on the economics and technologies of the mobile industry. Catherine holds an MPhil in Engineering and PhD in Economics from the University of Cambridge and a BSc (Hons 1) in Business Information Technology from UNSW, Australia.