

SysML FOR SYSTEMS ENGINEERING: 2ND EDITION: A MODEL-BASED APPROACH

JON HOLT & SIMON PERRY

The new edition of this popular text has been fully updated to reflect SysML 1.3, the latest version of the standard, and the discussion has been extended to show the power of SysML as a tool for systems engineering in an MBSE context.

- SysML is a tailored version of the unified modelling language (UML) that meets the needs of today's systems engineering professional.
- Begins with a thorough introduction to the concepts behind MBSE, and the theoretical aspects and syntax of SysML.
- Describes how to implement SysML and MBSE in an organisation, and how to model real projects effectively and efficiently, illustrated using an extensive case study.

READERSHIP

This book is an essential introduction to the implementation of MBSE using SysML for practising and research-based systems engineers, managers and students, systems architects, project managers, software engineers, process engineers, and enterprise architects.

AUTHOR INFORMATION

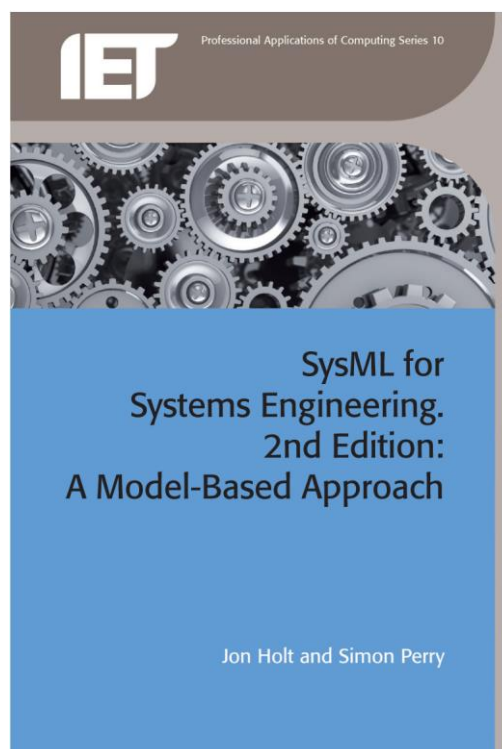
Professor Jon Holt an internationally-recognised expert in model-based systems engineering and this is his ninth book in the field. Jon is also a fellow of both the IET and the BCS and is an international award-winning public speaker.

Simon Perry has over 25 years experience working as a systems and software engineer, and is an expert in model-based systems engineering. He is a Member of the IET and INCOSE and a public speaker. This is his fifth book in the field.

RELATED EDITIONS

Model-Based Requirements Engineering (2011)
ISBN: 978-1-84919-487-7

Modelling Enterprise Architectures (2010)
ISBN: 978-1-84919-077-0



ISBN:	978-1-84919-651-2
Product code:	PBPC0100
BIC codes:	UM
Price:	£85 / \$140
Size (mm):	234 x 156
Extent:	876pp
Format:	Hardback
Publish date:	December 2013
Rights:	World – all languages

www.theiet.org/books

To place an order or to request further information, contact Alex Fox, IET Books Sales Manager

T: 01438 767655
E: AFox@theiet.org