

Contents

Educating Engineers to Make a Difference	1
Andre Krol	
Planetary Engineering: Entrepreneurship at the Interface of Cultures	11
J. Otto Kroesen	
The Social Entrepreneurship Option for Scientists and Engineers	27
Richard Hull and Robert Berry	
Re-inventing Engineering Curriculum	45
Rao Bhamidimarri	
The Impact of EngD—Dynamics of Collaborative Relationships Through Employer Engagement in Doctoral Research Training	55
Fumi Kitagawa	
Embedding Enterprise and Innovation in STEM Education	65
Sa'ad S. Medhat	
Transition: Influence of Role Models on the Progression from Student Life to the World of Work	75
O. Folayan, P. ENEGELA, Y. Bankole, I. Colombo and N. Folayan	
Use of Industrial SME Based Problem Based Learning to Promote and Embed Professional and Enterprising Skills	83
Plato Kapranos	
Giving Enterprising Engineers a Business Edge	93
Peter Harrington	

**Leading the Way to Enterprising Futures: A Response
to the Engineering Skills Gap. 103**
Holly Nicholson and Gary C. Wood

Encouraging Technology Entrepreneurship for All 115
Simon Mosey

Engineering and Enterprise

Inspiring Innovation

Bhamidimarri, R.; Liu, A. (Eds.)

2016, XVII, 127 p. 27 illus., 24 illus. in color., Hardcover

ISBN: 978-3-319-27824-7