

Contents

1	Policy and innovation	1
	<i>Mu Rongping: The changing strategy and policy of innovation in China</i>	1
1	Introduction	1
2	Review of the changing innovation capacity in China since 1995	2
3	Key Factors for Building Innovation Capacity in China	6
4	Changing Innovation Strategy and Policy in China.....	9
5	Conclusions	14
	References.....	15
	Author	16
	<i>Liu Xielin and Nannan Lundin: Toward a market-based open system of innovation in China</i>	17
1	Introduction	17
2	From the dominance of government research institutes to an enterprise centered system	18
3	Industry-science linkages	20
4	Company system	22
5	Key determining factors for the Chinese innovation system	24
6	Conclusion.....	37
	References.....	38
	Authors	40
	<i>Fan Chunliang: The role of the national R&D program in setting up China's national innovation system</i>	41
1	Introduction	41
2	Theoretical framework	42
3	The role of China's national high-tech R&D program (863 Program) in setting up the national innovation system.....	44
4	Conclusion and suggestion	48
	References:	50
	Author	50
	<i>Zhao Lanxiang: The Role of ERCs: Public and Private Aspects</i>	51
1	Introduction	51
2	Background for Establishing the ERCs	51
3	Characteristic of Chinese ERC Program	52

4	Do the ERCs Work? A Case of CAS	53
5	Issues to be Discussed	55
6	Conclusions and Implications	56
	References	56
	Author	57
	<i>Gao Jian and Shi Shude: The determinants of entrepreneurial activity in China – Empirical analysis by regional level data</i>	58
	Abstract	58
1	Introduction	58
2	Measurements and CPEA	59
3	Determinants analysis	61
4	Empirical results	64
5	Conclusion	68
	References	68
	Authors	70
2	Corporate management of innovations	71
	<i>Hans Koller: Intercultural technology intelligence – a process and communication oriented approach</i>	71
1	Introduction	71
2	Technology intelligence – a short overview	72
3	A process and communication oriented approach of technology intelligence	74
4	Reflections from an intercultural perspective	78
5	Conclusion	79
	References	80
	Author	83
	<i>Dirk Holtbrügge and Jonas F. Puck: The change of foreign investors' ownership modes in the PRC – theoretical framework and empirical results</i>	84
1	Introduction	84
2	Research design and methodology	85
3	Findings	86
4	Conclusion and implications	90
	References	91
	Authors	95
	<i>Chen Jin and Wang Fangrui: A research on relationships in the knowledge management system of biotechnology firms in China</i>	96
	Abstract	96
1	Introduction	96
2	Definition of the key elements for the knowledge management system	97
3	The concept model and hypotheses	101
4	Methods	103

5	Results	105
6	Managerial implications and conclusions	114
	Appendix A	116
	References	118
	Authors	120
	<i>Torsten Eymann, Christoph Niemann and Falk Zwicker: Innovating mindfully in healthcare IT using RFID technology.....</i>	<i>121</i>
1	Introduction	121
2	The IT innovation phenomenon	121
3	Applying the framework to patient logistics in hospitals	125
4	Conclusion.....	128
	References.....	129
	Authors	130
3	Network and cooperation in innovation	131
	<i>Hu Lijun and Shi Junwei: Market structure, social structure and technological innovation: An interpretation of firm behavior in the transitional stage of China</i>	<i>131</i>
	Abstract.....	131
1	Introduction	131
2	Theoretical development: The role of the social structure in the process of technological innovation.....	133
3	Discussion and application: The technological innovation behavior of firms in transitional China	137
4	Concluding remarks.....	142
	References.....	142
	Authors	143
	<i>Duan Yibing and Tang Le: Key Factors in the Successful Commercialization of Public Sector Research: Implications of the Case of CAS Spin-offs</i>	<i>145</i>
	Abstract.....	145
1	Introduction	145
2	Spin-offs policy and performance in the CAS.....	146
3	Key factors to create and operate spin-offs in the CAS.....	147
4	Conclusion.....	149
	References.....	149
	Authors	150
	<i>Martin Kloyer and Roland Helm: Contractual design of contract R&D: state-of-the-art of empirical research.....</i>	<i>151</i>
1	Research question	151
2	Contract R&D.....	152
3	Positive Institutional Economics and contract R&D	154
4	Conclusion.....	158

References	159
Authors	165
<i>Liu Yun, Cheng Guo-ping and Yang Yu: Research on Influencing Factors of the Performance of Enterprises' R&D Cooperation</i>	166
Abstract	166
1 Introduction	166
2 Micro-mechanism and Influencing Factors of R&D Cooperation between Enterprises.....	167
3 Hypothesis and Variable Design	168
4 Case Study.....	170
5 Conclusion.....	172
References	173
Authors	175
<i>Uwe Cantner and Holger Graf: Evolving innovation networks – some empirical results</i> ..	176
1 Introduction	176
2 Theoretical building blocs	176
3 The case and the data	178
4 Results	179
5 Conclusion.....	188
Authors	189
<i>Ricarda Bouncken, Thorsten Teichert and Michael Koch: Modularity and synergistic specificity in inter-firm collaboration</i>	190
1 Introduction	190
2 Theory	190
3 Empirical study	193
4 Results and conclusion	194
References	195
Authors	197
4 Tools for R&D Management	199
<i>Michael Dowling and Roland Helm: Licensing strategies in the biotech industry</i>	199
1 Introduction	199
2 Theoretical background.....	200
3 Biotechnology in Germany, Jena and Regensburg.....	201
4 Conclusions	207
Literature	208
Authors	209
<i>Liang Liang and Li Yong: A lexicographic maxim approach for allocating the fixed cost based upon data envelopment analysis</i>	210
1 Introduction.....	210
2 Efficiency evaluation.....	211

3	Maxmin-allocation model.....	213
4	Allocation comparison.....	219
5	Allocate the advertising expenses among 17 dealers.....	221
6	Conclusion.....	222
	References.....	222
	Authors	223
	Acknowledgement	223
	<i>Dominik Schultheiß: Explanatory potential of John Dunning's eclectic paradigm for the internationalization of research and development.....</i>	<i>224</i>
1	Introduction	224
2	Roles of international R&D-units.....	225
3	Application of the eclectic theory on the internationalization of R&D	226
4	Conclusion.....	239
	References.....	240
	Author.....	243
5	Intercultural aspects of technical innovation	245
	<i>Meng Fanchen: Corporate culture as success factor to new product development.....</i>	<i>245</i>
	Abstract.....	245
1	Introduction	245
2	Development of new products and the success factors.....	246
3	Corporate culture and its function	248
4	The relationship between corporate culture and new product development.....	250
5	Conclusion and suggestion	255
	References.....	257
	Author.....	258
	<i>Reinhard Meckl: Acquiring and creating knowledge through international Mergers & Acquisitions – the case of German-Chinese M&A.....</i>	<i>259</i>
1	Relevance of international Mergers & Acquisitions (M&A) for Chinese and German companies	259
2	Basics and Data of German-Chinese M&A.....	260
3	Research question.....	265
4	Conceptual background	266
5	Definition of research design and hypotheses	268
	References:	270
	Author	271
	<i>Ricarda Bouncken and Viviane Winkler: Empirical results and implications for leadership of cross cultural innovation-teams.....</i>	<i>272</i>
1	Introduction	272
2	Theory	273
3	Qualitative study.....	275
4	Discussion and implications	278

References 281
Authors 283