

## TABLE OF CONTENTS

Creativity, Innovation and Job Creation – Summary and Report by the General Rapporteur	
<i>Keith Smith</i> .....	7
Chapter 1 Opening Address	
<i>Sigbjørn Johnsen</i> .....	29
Chapter 2 Introductory Remarks	
<i>Pierre Vinde</i> .....	33
Chapter 3 Technology, Innovation and Job Creation – An Economy-wide Perspective	
<i>Kumiharu Shigehara</i> .....	35

### ***Part I***

#### ***The Concept of an Innovative and Adaptive Economy***

Chapter 4 Innovation and Growth: How Governments Can Help	
<i>Everett M. Ehrlich</i> .....	43
Chapter 5 Technology and Innovation Policy and Employment – A Policy Maker's Perspective	
<i>Jørgen Røsted</i> .....	49
Chapter 6 New Challenges for the Current Technology Paradigm in Japan	
<i>Masaru Yoshitomi</i> .....	57

### ***Part II***

#### ***Workshop 1: The Role of National Innovation Systems***

Chapter 7 The Role of National Innovation Systems	
<i>Bengt-Åke Lundvall</i> .....	67
Chapter 8 The Geographic Foundations of Industrial Performance	
<i>Allen J. Scott</i> .....	73
Chapter 9 S&T Specialisation and Employment Patterns	
<i>Mario Pianta</i> .....	87

### ***Part III***

#### ***Workshop 2: The Impact of Education and Training Systems on Innovation and Job Creation***

Chapter 10 The Impact of Education and Training Systems on Innovation and Job Creation	
<i>Chris W. Brooks</i> .....	109
Chapter 11 Lifelong Learning and Paid Leave Arrangements: Some General Arguments and an Illustration Using the Danish Experience in the 1990s	
<i>Per Kongshøj Madsen</i> .....	113
Chapter 12 The Educative and Training Role of the Science System: Training For and Through Research	
<i>Pierre Léna</i> .....	131

## **Part IV**

### **Workshop 3: Cultural Shaping and Societal Impact of Technology**

<i>Chapter 13</i>	Cultural Shaping and Societal Impact of Technology <i>Tarja Cronberg</i> .....	143
<i>Chapter 14</i>	Technology and Unemployment <i>Francis Sejersted</i> .....	145
<i>Chapter 15</i>	Cultural Attitudes, Social Environment and Innovation – An Anthropologist’s View <i>David Hakken</i> .....	157

## **Part V**

### **Workshop 4: Product Innovation and New Activities**

<i>Chapter 16</i>	Product Innovation and New Economic Activities <i>Graham Vickery</i> .....	177
<i>Chapter 17</i>	Product vs. Process Innovation: A Conceptual Framework for Assessing Employment Impacts <i>Charles Edquist</i> .....	181
<i>Chapter 18</i>	US Post-war Technology Policy and the Creation of New Industries <i>David C. Mowery</i> .....	199
<i>Chapter 19</i>	Technology Meets Social Needs – The Case of the Environment Industry <i>Klaus Löbbe</i> .....	221

## **Part VI**

### **Policy Implications**

<i>Chapter 20</i>	Technology and Innovation Policy in Transition: From the Promotion of Technology Generation and Diffusion to the Management of Knowledge <i>Alan Nymark</i> .....	241
<i>Chapter 21</i>	Are Framework Conditions Really Important? <i>Jean-Philippe Cotis</i> .....	249
<i>Chapter 22</i>	The Golden Art of Flexibility <i>Reidar Sandal</i> .....	255