# Contents

**List of contributing authors —— X**

**Preface —— XI**

Paolo Inghilleri, Giuseppe Riva, Eleonora Riva

**Introduction: Positive Change in Global World: Creative Individuals and Complex Societies —— 1**
References —— **4**

Paolo Inghilleri

**1 Phenomenology of Positive Change: Social Growth —— 6**
1.1 Introduction —— **6**
1.2 Cultural Evolution and Individual Psychological Selection —— **7**
1.3 The Artifacts and Their Relationship with the Subjective Experience —— **8**
1.4 The Flow of Consciousness —— **11**
1.5 The Influence on Culture and Society —— **12**
1.6 Some Connections with Others Theories —— **14**
References —— **16**

Giuseppe Riva

**2 Phenomenology of Positive Change: Personal Growth —— 18**
2.1 Introduction: The Process of Personal Change —— **19**
2.2 A New Vision of Cognition —— **24**
2.3 A Definition of Presence —— **25**
2.4 The Levels of Presence —— **26**
2.5 Presence and Optimal Experiences —— **30**
2.6 Optimal Experiences and Personal Change —— **32**
2.7 Conclusions —— **34**
References —— **35**

Giuseppe Riva, Andrea Gaggioli

**3 Positive Change and Positive Technology —— 39**
3.1 Introduction: The Growing Role of Technology in Our Life —— **39**
3.2 From Positive Psychology to Positive Technology —— **40**
3.3 Hedonic Level: Using Technology to Foster Positive Emotional States —— **42**
3.4 The Eudaimonic Level: Using Technology to Promote Engagement and Self-Empowerment —— **43**
3.5 The Social and Interpersonal Level: Using Technology to Promote Social Integration and Connectedness —— **45**
3.6 Conclusions: Positive Technology for Personal Growth —— **46**
References —— **49**

Andrea Gaggioli, Luca Milani, Elvis Mazzoni, Giuseppe Riva

**4 Positive Change and Networked Flow: From Creative Individuals to Creative Networks —— 53**
4.1 Introduction —— **53**
4.1.1 The Sociocognitive Approach —— **54**
4.1.2 The Sociocultural Approach —— **57**
4.2 From Group Creativity to Creative Networks: the Networked Flow Model —— **59**
4.2.1 The Emergence of Networked Flow: the Role of Social Presence —— **59**
4.3 Networked Flow: a Six-Stage Model of Group Creativity —— **61**
4.3.1 Phase 1: Meeting (Persistence) —— **62**
4.3.2 Phase 2: Reducing the Distance —— **62**
4.3.3 Phase 3: The Liminality-Parallel Action —— **63**
4.3.4 Phase 4: Networked Flow —— **64**
4.3.5 Phase 5: Creation of the Artifact —— **65**
4.3.6 Phase 6: Application of the Artifact —— **65**
4.4 Understanding Networked Flow: Social Network Analysis —— **66**
4.4.1 Density —— **67**
4.4.2 Group Centralization —— **67**
4.4.3 Cliques Participation Index (CPI) —— **67**
4.4.4 The SNA Procedure: Examples of Analysis —— **68**
4.5 Conclusions —— **71**
References —— **71**

Eleonora Riva, Nicola Rainisio, Marco Boffi

**5 Positive change in clinical settings: flow experience in psychodynamic therapies —— 74**
5.1 Introduction: a Positive View of Human Beings —— **74**
5.2 Positive Psychology and Health: From Meta-Theories Towards Therapeutic Instruments —— **76**
5.3 Positive Psychology and Psychodynamic Psychotherapy: Common Grounds and Proposals for Contamination —— **78**
5.4 Flow of Consciousness in Psychodynamic Psychotherapies: the Basis for the Birth of a *Flow Therapy* —— **79**
5.5 *Flow Therapy: M*odel and Instruments —— **81**
5.5.1 The Therapy Session as Experience of Flow —— **81**
5.5.2 Flow as Object of the Therapy —— **83**
5.6 Conclusions: Mr. X and His Flow —— **84**
References —— **85**

Nicola Rainisio, Marco Boffi, Eleonora Riva

**6 Positive Change in Environment: Aesthetics, Environmental Flowability and Well-Being —— 91**
6.1 Introduction —— **91**
6.2 Place as a Stimulus —— **92**
6.3 Place as an Experience —— **95**
6.4 Place as Generative —— **97**
6.5 Preliminary Results —— **99**
6.5.1 Procedure —— **99**
6.5.2 Results —— **100**
6.6 Concluding Remarks —— **101**
References —— **102**

Marco Boffi, Eleonora Riva, Nicola Rainisio

**7 Positive Change and Political Participation: Well-Being as an Indicator of the Quality of Citizens' Engagement —— 105**
7.1 Envisioning Better Societies: Concepts and Measures for a Positive Change —— **105**
7.1.1 The Evolution of the Concept of Quality of Life —— **106**
7.1.2 Change Through Knowledge —— **107**
7.2 The Political Role of Well-Being Studies —— **108**
7.2.1 The Hedonic Level: Complementing the Political Agenda —— **109**
7.2.2 The Eudaimonic Level: Imagining New Perspectives —— **111**
7.3 Personal Development for Social Change: the Role of Flow of Consciousness in Participatory Behaviors —— **113**
7.4 Conclusions —— **117**
References —— **118**

Rob Cavanagh, David Sharnoff

**8 Positive Change and Scholastic Education —— 123**
8.1 Introduction —— **123**
8.2 The Capabilities-Expectations Model of Student Engagement in School Learning —— **123**
8.3 Empirical Investigations of the Capabilities-Expectations Model —— **125**
8.3.1 Measurement of Capabilities and Expectations —— **126**
8.3.2 The Balance Between *Learning Capabilities* and *Expectations of Learning* —— **126**
8.3.3 The Relationship Between Engagement Constructs and the Classroom Learning Environment —— **127**
8.4 The Environmental Complexity Model of Optimal Learning Environments —— **128**
8.5 Dimensions of Environmental Challenge and Environmental Support —— **129**

8.6 The Influence of Learning Environment Dimensions on Student Engagement —— **131**
8.7 Conclusion —— **132**
References —— **134**

Barbara Diana, Luca Argenton, Marisa Muzio

**9 Positive Change and Flow in Sport —— 138**
9.1 Introduction —— **138**
9.2 Peak Moments —— **139**
9.2.1 Peak Moments and Flow —— **140**
9.3 Flow andSports —— **141**
9.4 Flow State Scale —— **142**
9.5 From Nine Dimensions to Mental Preparation —— **143**
9.5.1 Interview —— **145**
9.5.2 Psycho-Diagnostic Assessment —— **145**
9.5.3 Goal Setting —— **145**
9.5.4 Proprioceptive Training —— **146**
9.5.5 Stress Handling and Relaxing —— **146**
9.5.6 Thought Control and Self-Talk —— **146**
9.5.7 Focus —— **147**
9.6 Imagery —— **147**
9.6.1 Ideomotor Training —— **148**
9.6.2 Evaluation and Follow up —— **148**
9.7 Future Directions —— **148**
References —— **149**

Paolo Inghilleri, Franco Cesaro

**10 Positive Change and Transgenerational Relationships in Family Business —— 152**
10.1 Introduction —— **152**
10.2 The Family Business as Bio-Cultural System: Competition Between Memes and Genes and the Function of Flow —— **154**
10.3 Family, Company and Flow —— **156**
10.4 The Case Histories —— **158**
10.4.1 Story 1: From the Absence to the Creation of Flow in the Company and in the Family —— **158**
10.4.2 Story 2: Initial Presence of Flow in the Family, Lack of Flow in the Company and Consequent Discomfort in the Family as Well —— **159**
10.4.3 Story 3: Flow in the Family, Flow in the Company. The Case of Acquisitions and the Value of Corporate Culture —— **161**
10.4.4 Story 4: Flow in the Family, Flow in the Company. Well-Being Created Also by the Ability to Face and Overcome Grief and Shock. —— **162**
10.5 Conclusions —— **163**

References —— **164**

Jeanne Nakamura

**11 Positive Change and Mentoring in Adulthood —— 166**
11.1 Introduction —— **166**
11.2 Good Work and Good Mentoring in Science —— **167**
11.2.1 Mentors' Memes —— **168**
11.2.2 Mentors' Means of Influence —— **170**
11.2.3 Additional Features of Mentoring Relationships in the Lineage Study —— **171**
11.3 Mentored Development in a Complex Flow Activity —— **172**
11.3.1 Aikido as a Complex Flow Activity —— **173**
11.3.2 Aikido and the Growth of Vital Engagement —— **174**
11.3.3 The Mentored Development of Complex Capacities for Action —— **175**
11.3.4 Integrating Power and Gentleness —— **177**
11.3.5 Forms of Complexity —— **178**
11.4 Conclusion —— **181**
References —— **181**

Wendy Fischman, Lynn Barendsen

**12 Positive Change and Quality of Time in Daily Life —— 183**
12.1 Introduction —— **183**
12.2 Literature Review —— **184**
12.3 Findings: Our Study —— **188**
12.3.1 Methodology —— **189**
12.3.1.1 Phase 1 —— **189**
12.3.1.2 Phase 2 —— **189**
12.3.1.3 Phase 3 —— **190**
12.3.1.4 Phase 4 —— **190**
12.4 Findings —— **190**
12.4.1.1 Time as an Indicator of Quality —— **190**
12.4.1.2 Time Well Spent and Wasted Time —— **192**
12.4.1.3 Personal Meaning and the Optimal Experience —— **194**
12.4.1.4 Prioritizing Quality in Everyday Life —— **196**
12.4.1 Time Well Spent Award —— **196**
12.4.2 Quality Course —— **197**
12.5 Conclusion —— **199**
References —— **200**

**Author Index —— 202**

**List of Figures —— 205**

**List of Tables —— 207**

**Index —— 208**