SUMMARY

CHAPTER 1 **PUBLISH AND PERISH IN THE AGE OF BIBLIOMETRICS** *Hellmut Eckert*

CHAPTER 2

REFLECTING ON MODELS FOR SCIENCE EDUCATION FOR SUSTAINABLE DEVELOPMENT BASED ON DIFFERENT INTERPRETATIONS OF SCIENTIFIC LITERACY AND WITH REFERENCE TO BILDUNG

Ingo Eilks, Jesper Sjöström and Vânia G. Zuin

CHAPTER 3

BILDUNG TODAY: WHAT THE VON HUMBOLDT BROTHERS HAVE TO TELL US?

Pedro Laudinor Goergen

CHAPTER 4

THE "ATHENS OF BRAZIL" IN THE NORTHEAST (19TH AND 20TH CENTURIES)

Fábio Vergara Cerqueira

CHAPTER 5

COOPETITION AND THE HATS POLICY: ETHNOGRAPHIC NOTES ON STANDARDS DEVELOPMENT AT IEEE 802

Diego Jair Vicentin

CHAPTER 6 **YOUTUBE AND STUDENTS CYBERBULLYING TEACHERS IN BRAZIL** Antônio Álvaro Soares Zuin and Chris Kyriacou

CHAPTER 7

REBUILDING WHAT HAS NEVER BEEN BUILT: THE IMPACT OF THE 2010 EARTHQUAKE AND THE PERSISTENT CHALLENGES FOR THE HIGHER EDUCATION SYSTEM IN HAITI

Sebastião Nascimento

CHAPTER 8 LOGICAL PLURALISM AND MULTI-LOGICAL ARGUMENTATIVE

CONTEXTS

Walter Carnielli and Abilio Rodrigues

CHAPTER 9

ANTHROPIC PRINCIPLE: REALITY OR FANTASY

Horacio Dottori

CHAPTER 10

A HISTORICAL-PHILOSOPHICAL NOTE ON THE CONCEPT OF PEACE Roberto Hofmeister Pich

CHAPTER 11

HUMANISM, NATURE AND FRONTIER

Luiz Sérgio Duarte da Silva

CHAPTER 12

DOCUMENTING AND ANALYZING INTERCULTURAL EXPERIENCES IN ELICITED TALK-IN-INTERACTION: A LINGUISTIC PERSPECTIVE *Ulrike Agathe Schröder*

CHAPTER 13

SYSTEMS FOR THE ANALYSIS OF TALK-IN-INTERACTION EXMARaLDA & amp; GAT 2

Mariana Carneiro Mendes

CHAPTER 14

SUSTAINABILITY AND EXPLOITATION ON COAST AND OCEANIC REGIONS: AN OVERVIEW OVER THE RIO GRANDE RISE

Peter Christian Hackspacher and Renata Regina Constantino

CHAPTER 15

WASTE PREVENTION: INTEGRATING BEHAVIOUR ANALYSIS AND TECHNOLOGY INNOVATION TO DESIGN PUBLIC POLICIES

Ana Paula Bortoleto

CHAPTER 16

THE SOCIOTECHNICAL APPROACH: THE CHALLENGES TO SOFTWARE ENGINEERING

Henrique Cukierman

CHAPTER 17

GLASSES AND GLASS CERAMICS. A WORLD WITHOUT THEM? Andrea S. S. de Camargo

CHAPTER 18

MODELING, SIMULATION, AND ECONOMIC ANALYSIS OF THE VINASSE ANAEROBIC DIGESTION IN A SUGARCANE BIOREFINERY Andreza Aparecida Longati and Antonio José Gonçalves Cruz

CHAPTER 19

DEVELOPMENT OF HERBAL MEDICINES: CHEMOTYPE AND ITS BIOLOGICAL MEANING, THE IMPORTANCE OF PLANT COLLECTIONS AND THE PHARMACOLOGICAL ASSAYS AS A TOOL FOR THE IDENTIFICATION OF PROMISING GENOTYPES

llio Montanari Jr.

CHAPTER 20

QSAR AND MODELLING APPROACHES TO SEARCH FOR BIOACTIVE COMPOUNDS: AN EXAMPLE APPLIED TO DENGUE VIRUS PROTEASE INHIBITORS

Erika Piccirillo, James H. W. Scanlan, Wibke E. Diederich and Antonia T. do Amaral

CHAPTER 21

PURIFICATION OF HUMAN DERIVED IMUNOGLOBULINS

Elisabeth Cheng and Alexandre P. Y. Lopes

CHAPTER 22

THE PROGRESS IN PREVENTING STENOSIS OF THE HUMAN HEART: THE EVOLUTION OF IDEAS

Marisa Campos Moraes Amato

CHAPTER 23

A NEW GNRH1 MUTATION: A GENE RELATED WITH CONGENITAL ISOLATED HYPOGONADOTROPIC HYPOGONADISM

Lorena Guimaraes Lima Amato, Luciana Ribeiro Montenegro, Antônio M. Lerário, Berenice B. Mendonca, Ana Claudia Latronico and Leticia Ferreira Gontijo Silveira

CHAPTER 24 VASCULAR SURGERY AND LASER: TREATING VARICOSE VEINS WITH LASER

Alexandre Campos Moraes Amato

CHAPTER 25

STRUCTURAL BIOLOGY TOOLS APPLIED TO LIFE SCIENCE

Mônica Santos de Freitas, Pascal Fricke and Yohan Britto Kevorkian

CHAPTER 26

STEM CELLS IN INFLAMMATORY LUNG DISEASES

Fernanda Ferreira Cruz and Patricia Rieken Macêdo Rocco