Contents

1 Towards a Critical Understanding to the Best Practices of ICT in K-12 Education in Global Context ................................. 1
   Jinbao Zhang, Junfeng Yang, Maiga Chang and Tingwen Chang

2 How Teachers and Students Depict Interactive Whiteboards and Tablet PCs in a 9th Grade Classroom? ................................. 19
   Petek Aşkar, Arif Altun, Nurettin Şimşek and Selçuk Özdemir

3 A Qualitative Case Study of Tablet Use in a High School in Turkey ................................................................. 37
   Sadegül Akbaba Altun and Hale Ilgaz

4 Teaching and Learning Effectiveness Enhancement Project “TLEEP” .................................................. 53
   Riadh Besbes

5 Learning Effectiveness Enhancement Project “LEEP” .......................... 71
   Riadh Besbes

6 Teaching Effectiveness Enhancement Project “TEEP” .......................... 83
   Riadh Besbes

7 Are Teachers Ready for New Digital Learning Spaces: Case Study of an Online Social Networking Site for Secondary Teachers in Trinidad and Tobago ................................. 107
   Vimala Judy Kamalodeen

8 Information Communication Technologies in Education for Developing Countries .................................................. 145
   Zehra Altinay, Betul Yikici, Gulyuz Debes, Yusuf Deviren and Fahriye Altinay

9 An Italian Pilot Experience in Game Making for Learning .................. 171
   Jeffrey Earp, Francesca Maria Dagnino and Ilaria Caponetto
10 Frog Virtual Learning Environment for Malaysian Schools: Exploring Teachers’ Experience ................................................. 201
   Mei Lick Cheok and Su Luan Wong

11 Building a Smart Classroom—A Case Study of Spreading Inquiry-Based Nature Science Courses for Elementary School in Taiwan ................................................................. 211
   Hsien-Sheng Hsiao, Jyun-Chen Chen and Tzu-Chien Liu

12 How to Improve K12 Teachers’ ICT Competence in Finland: The Joensuu Region Case ................................................................. 229
   Mari Petrelius, Mikko-Jussi Laakso, Ilkka Jormanainen
   and Erkki Sutinen

13 Using Learning Technologies to Enhance Numeracy Competence in Rural Public Schools ................................................................. 253
   Imran A. Zualkernan and Asad Karim

14 Synchronous Remote Classroom Connecting K-12 Schools in Developed and Undeveloped Areas: A Case Study from China ................................................................. 277
   Liang Yu and Shijian Chen

15 Developing, Sharing, and Using of Micro-lectures in Region: Implications Derived from a Government-Oriented Micro-lecture Project in Shanghai ................................................................. 293
   Yongbin Hu, Jinbao Zhang and Ronghuai Huang
ICT in Education in Global Context
The Best Practices in K-12 Schools
Zhang, J.; Yang, J.; Chang, M.; Chang, T.-W. (Eds.)
2016, X, 302 p. 65 illus., 60 illus. in color., Hardcover
ISBN: 978-981-10-0372-1