Contents

Introduction 1
Einat Gil, Yishay Mor, Yannis Dimitriadis, and Christian Köppe

Part I Into the Hybrid

Hybrid Learning Spaces — A Three-Fold Evolving Perspective 11
Liat Eyal and Einat Gil

Hyper-Hybrid Learning Spaces in Higher Education 25
Rikke Toft Nørgård and Charlotta Hilli

Part II Pedagogy

How Co-design Can Contribute to the Ongoing Development of Hybrid Learning Spaces by Empowering the Users 45
Bodil Hovaldt Bøjer and Mie Guldbæk Brøns

H_2m Pedagogy: Designing for Hybrid Learning in Medical Education ... 61
Tim Fawns, Lina Markauskaite, Lucila Carvalho, and Peter Goodyear

Covid-19 Lock-Down: Hybrid Learning Cases Using the Lens of the Zone of Possibility 77
John Cook and Debbie Holley

Socio-Emotional Regulation in Collaborative Hybrid Learning Spaces of Formal–Informal Learning 95
Mariano Velamazán, Patricia Santos, and Davinia Hernández-Leo

Seamless Hybrid Science Learning: Streamlining the Techno-Pedagogical Designs for Wider Diffusion 113
Lung Hsiang Wong and Chee-Kit Looi

Designing Synchronous Hybrid Learning Spaces: Challenges and Opportunities 135
Morten Winther Bülow

Part III Technology

An Analysis of Mobile Learning Tools in Terms of Pedagogical Affordances and Support to the Learning Activity Life Cycle 167
Gerti Pishtari and María Jesús Rodríguez-Triana

Classroom Analytics: Telling Stories About Learning Spaces Using Sensor Data 185
Roberto Martínez-Maldonado, Lixiang Yan, Joanne Deppeler, Michael Phillips, and Dragan Gašević

Part IV Space Design

Co-creating Futures Through Virtual '*BAs*' 207
Hank Kune and Jenny Quillien

Creativity Flourishes Using Hybrid Space Patterns 233
Anat Mor-Avi and Lennie Scott-Webber

Patterns for a Hybrid Campus 249
Christian Kohls, Dennis Dubbert, and Guido Münster

Dialogic Teaching and the Architecture of Hybrid Learning Spaces: Alexander Meets Alexander 265
Alyson Simpson and Peter Goodyear

Design for Balance: Addressing Challenges of Safety, Privacy and Identity Management in Online and Hybridised Learning and Teaching Spaces 287
Steven Warburton and Mark Perry

Part V Concluding

Forward Looking: Predictions for the Future of Hybrid Learning Spaces 311
Yishay Mor, Einat Gil, Yannis Dimitriadis, and Christian Köppe