

# Table of Contents

9	Silke Langenberg Hans-Rudolf Meier	(Im)Permanence of Innovation
11	Matthias Brenner	High-Tech Heritage: (Im)Permanence of Innovation
21	Patty Hopkins	In Conversation with Silke Langenberg and Matthias Brenner
25		<b>HISTORY OF HIGH-TECH IN ARCHITECTURE AND DESIGN</b>
33	Petr Vorlík	High-Tech in the Context of Czech Late Socialism?
43	Juliana Kei	Around the Structures
49	Véronique Patteeuw Léa-Catherine Szacka	Eco-Pomo between High-Tech and Low-Tech: Three Experimental Houses
59	Irina Davidovici	Collecting High-Tech: Notes on the Theo Hotz Bequest at the gta Archives
67	Tom Emerson	In Conversation with Silke Langenberg
73		<b>THEORETICAL AND PRACTICAL CHALLENGES OF HIGH-TECH HERITAGE</b>
81	Ana Tostões	Heritage and Cutting-Edge Technology: Learning from Buildings as Machines
91	Georgios Eftaxiopoulos	Innovation Ad Infinitum: Lloyd's of London and the Cost of Flexibility
95	Christian Raabe	The University Hospital of the RWTH Aachen University: Structure and Dynamic
105	Davide Allegri Silvia Battaglia	Sports Architecture: High-Tech Urban Infrastructure between Identity, Enhancement, and Redevelopment
109	Marcela Aragüez	High-Tech Roots: The London Zoo Aviary and Its Preservation
117	Uta Pottgiesser	Structural Sealant Glazing (SSG): History, Construction, and Conservation Challenges
125	Catherine De Wolf	Saving Reused Building Materials through Architectural Design: The Case of the Centre Pompidou Glass
133	Andreas Putz	High-Tech Bavaria: Late Modern Architecture in the Rear-View Mirror
143	Sara Di Resta Verdiana Peron	High-Tech Additions: Italian Research in Preserving and Reusing Built Heritage
149	Thomas Pearson	Surface and Flesh: Facade as a Conservation Tool
157	Sacha Menz	In Conversation with Silke Langenberg

161

## INVENTORY AND MEDIATION

169 Bernhard Furrer

The Unbearable Outdatedness of Registers

181 Lenka Popelová  
Tomáš Ploc

Specifics of Buildings Featuring Machinism and High-Tech  
Aesthetics in Bohemia: Case Study of Harrachov Ski Jumps  
and Their Possible Reuse

191 Regula Steinmann

Baukultur 1975–2000:  
Giving a Voice to Younger Architectural Monuments

195 Dániel Kovács

Virág Csaba and Hungary's Disappearing  
Plasticist High-Tech Architecture

201

## CASE STUDIES AND CURRENT RESEARCH

209 María Álvarez García

The [High-Tech] Plumber of Architecture:  
John Winter through the Nancy Seear Building

217 Klára Ullmannová

The Máj Department Store in Prague as Heritage:  
The Impermanence of Conservation?

223 Marianna Charitonidou

Takis Zenetos and High-Tech Architecture:  
Electronic Urbanism vis-à-vis Autonomous Ecological Living Units

231

## POSTERS

232 Elischa Bischof

School Building in Uttwil (CH):  
Heritage Value Investigation Based on Architectural Detail

234 Clément Estreicher

High-Tech in Reverse

236 Inès Rausis  
Silvie Frei

The Unitobler Bern: Energy Potential of the Existing Fabric

238 Maria Yioutani-Iacovides  
Athena Moustaka  
Peter Walker

Shifting Paradigms and High-Tech: Revisiting the University  
of Salford Centenary Building with Sustainability in Mind

240 Hannes Lukesch

Reverse Engineering of Planar Sheet Metal Facade of  
the Briefzentrum Mülligen

243 Xiang Ren

Heterotopias of High-Tech Architectural Heritage:  
Three Conceptual Scaffoldings

244 Sophie Stockhammer

School at Kinkplatz:  
Contemporary Monument Preservation for High-Tech Architecture

246 Authors

251 Image Credits

255 Imprint