

4

Editorial

Helen Castle

6

Introduction

Optimisation Stories: The Impact of Building Information Modelling on Contemporary Design Practice

Richard Garber

14

Best Pedestrian Route – GRO Architects

Richard Garber and Nicole Robertson

18

BURST*008, Museum of Modern Art – Douglas Gauthier and Jeremy Edmiston

Douglas Gauthier

22

The Future of Information Modelling and the End of Theory: Less is Limited, More is Different

Cynthia Ottchen

28

New Academic Building for the Cooper Union for the Advancement of Science and Art – Morphosis

Martin Doscher

32

The \$300,000/Year Architect

Urs Gauchat

38

Al Hamra Firdous Tower – Skidmore, Owings & Merrill

Gary Haney

42

Unified Frontiers: Reaching Out with BIM

Coren Sharples

48

C² Building, Fashion Institute of Technology – SHoP Architects

SHoP Architects

52

Automated Assessment of Early Concept Designs

Chuck Eastman

58

Cellophane House – KieranTimberlake

Stephen Kieran and James Timberlake

62

Yale Sculpture Building and Gallery – KieranTimberlake

Stephen Kieran and James Timberlake

66

Building for the Third Century (B3C), Massachusetts General Hospital – NBBJ

Craig Brimley and Jorge Gomez

70

Collaborative Intelligence = Respect

Keith Kaseman

76

Her secret is patience and *She Changes* – Janet Echelman

Janet Echelman

80

Information Modelling as a Paradigm Shift

Dennis Shelden

84

Strata Tower – Asymptote

Hani Rashid and Lise Anne Couture

88

Alberti's Paradigm

Richard Garber

94

Recycled Toy Furniture – Greg Lynn FORM

Greg Lynn

96

Blobwall – Greg Lynn FORM

Greg Lynn

100

An Enthusiastic Sceptic

Nat Oppenheimer

106

Toni Stabile Student Center, Columbia University Graduate School of Journalism – Marble Fairbanks

Scott Marble and Karen Fairbanks

114+

Interior Eye

Carlos Zapata and Antonio Citterio's Cooper Square Hotel, New York

Jayne Merkel

118+

Practice Profile

Pierre Thibault

Brian Carter

124+

Building Profile

Herbert Art Gallery and Museum, Coventry

David Littlefield

130+

Unit Factor

Computational Spring Systems: Open Design Processes for Complex Structural Systems

Sean Ahlquist and Moritz Fleischmann

134+

Spiller's Bits

Complex Systems Architecture

Neil Spiller

136+

McLean's Nuggets

Will McLean

138+

Userscape

The Sustainable Disco

Valentina Croci

142+

Site Lines

Replacing a Beloved Building with a Hybrid: Paresky Student Center, Williams College

Jamie Horwitz