Residues of the Real Zumthor in Berlin Performance and Style







Editor-in-Chief Adam Sharr

E. adam.sharr@ncl.ac.uk

Editor-at-Large Rich

Richard Weston

E. richard@richardwestonstudio.com

Editors Samuel Austin

E. samuel.austin@ncl.ac.uk

Martyn Dade-Robertson

E. martyn.dade-robertson@ncl.ac.uk

Graham Farmer

E. graham.farmer@ncl.ac.uk

Stephen Kite

E. kites@cardiff.ac.uk

Katie Lloyd Thomas

E. katie.lloyd-thomas@ncl.ac.uk

Juliet Odgers

E. odgersj@cardiff.ac.uk

Editor Edward Wainwright

Reviews + Insight E. edward@publisharchitecture.com

Associate Editor Jessica Reynolds

Reviews + Insight E. Jessica@vppr.co.uk

Editorial Assistant Ashley Mason

E. arq@ncl.ac.uk

Art Editor + Design Angela Ashton

E. design@angelaashton.co.uk

Editorial Board Simon Allford Allford Hall Monaghan Morris, UK

Andrew Ballantyne Newcastle University, UK Peter Blundell Jones Sheffield University, UK

Carlos Eduardo Comas Universidade Federal do Rio Grande do Sul, Brazil

Richard Coyne University of Edinburgh, UK
Thomas Fisher University of Minnesota, USA
Wayne Forster Cardiff University, UK
Brian Ford University of Nottingham, UK
Tony Fretton Tony Fretton Architects, UK

Elizabeth Hatz KTH Architecturskolan, Sweden **Susannah Hagan** Royal College of Art, UK

 $\textbf{Susanne Hofmann} \, \text{Die Baupiloten, tu Berlin, Germany}$

Louisa Hutton Sauerbruch Hutton Architects, Germany

Mari Hvattum Oslo School of Architecture and Design, Norway

David Jenkins Foster and Partners, UK **Momoyo Kaijima** Atelier Bow-Wow, Japan

David Leatherbarrow University of Pennsylvania, USA

Hannah Le Roux University of the Witwatersrand, South Africa

Tarla MacGabhann MacGabhann Architects, Ireland Niall McLaughlin Niall McLaughlin Architects, UK

Mary McLeod University of Columbia, USA

Michael Ostwald The University of Newcastle, Australia
Simo Paavilinen Helsinki University of Technology, Finland

Alan Powers University of Greenwich, UK

Jane Rendell Bartlett School of Architecture, UCL, UK

Jonathan Sergison Sergison Bates Architects, UK

Mohamed Sharif Konig Eizenberg Architecture, USA

Koen Steemers University of Cambridge, UK

Robert Tavernor London School of Economics, UK

Jane Wernick Jane Wernick Associates, UK

lain Boyd Whyte University of Edinburgh, UK

arq: Architectural Research Quarterly (issn 1359-1355) is published four times a year in March, June September and December. Four parts form a volume. The subscription price which includes print and electronic access (but excluding vat) of volume 18 is £257.00 (US \$432.00 in USA, Canada and Mexico) for institutions; £50.00 (US \$77.00 in USA, Canada and Mexico) for individuals and £34.00 (US \$57.00 in USA, Canada and Mexico) for students, which includes $print\,only, ordering\,direct\,from\,the\,publishers$ and certifying that the journal is for their personal use. Single parts are £78.00 net (US \$120.00 in USA, Canada and Mexico) plus $postage.\,EU\,subscribers\,(outside\,the\,UK)\,who\,are$ not registered for vat should add vat at their country's rate. vat registered members should provide their vat registration number. Japanes prices for institutions (including ASP delivery) are . available from Kinokuniya Company Ltd, P.O Box 55, Chitose, Tokyo 156, Japan. Orders which must be accompanied by payment, may be sen to a bookseller, subscription agent or direct to the publisher: Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU; or in the USA, Canada and Mexico: Cambridge University Press, Journals Fulfillment Department, 100 Brook Hill Drive, West Nyack, NY 10994-2133. Copies of the journal for subscribers in the USA, Canada and Mexico are sent by air to New York to arrive with minimum delay.

Copying

The journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA who are also registered with C.C.C may therefore copy material (beyond the limits permitted by sections 107 and 108 of U.S. Copyright law) subject to payment to C.C.C. of the per-copy fee of \$16. This consent does not extend to multiple copying for promotional or commercial purposes. Code 1359-1355/2014/\$16.

ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA, is authorized to supply single copies of separate articles for private use only.

Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions.

For all other use, permission should be sought from Cambridge or from the American Branch of Cambridge University Press.

Information on **arq**: Architectural Research Quarterly and all other Cambridge journals can be accessed via http://www.journals.cambridge.org/

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

© Cambridge University Press 2014

Printed in the UK by Bell & Bain Ltd, Glasgow

contents

COVER	leader	99	Residues of the real
A concrete stair tower of Peter Zumthor's Topography of	letters	101	A new type of architecture exhibition; Empathies between Mackintosh and Holl in Glasgow
Terror project, Berlin See pp 110–122	perspective	106	Insecurity in architecture Neena Verma reflects upon the insecurities of the architectural profession, arguing that good architecture defies the need for explanation
	criticism	110	Peter Zumthor's 'Topography of Terror' Claudio Leoni discusses Zumthor's unfinished project in Berlin and questions the political contestations which resulted in its abandonment
	history	123	Nation-building Modernism and European post-war debates: Glikson's 'Integral Habitational Unit' and Team 10 discourse Rachel Kallus examines Artur Glikson's 'Integral Habitational Unit' alongside Team 10's agenda, as well as the conflicting ideas about nation-building Modernism in relation to post-war European debates
	theory	135	The Wire as speculative research Benjamin Leclair-Paquet explores how the creative methods behind HBO's <i>The Wire</i> might promote original ways of experimenting with speculative work and reveal the merit of the imaginary as a pragmatic research device
		145	Poetic measures of architecture: Martin Heidegger's 'Poetically Man Dwells' Glen Hill highlights the relevance to architects of philosopher Martin Heidegger's idea of measure: a measure of the heart rather than a conventional measure
		155	Exaptive translations between Biology and Architecture Chris Smith and Sandra Kaji-O'Grady tell the evolutionary tale of architectural spandrels and double helical stairways appropriated by Biology before being returned, changed through their double translation
env	vironmental design	167	Performance and style in the work of Olgyay and Olgyay David Leatherbarrow and Richard Wesley argue that the historical origins of Victor Olgyay's <i>Design with Climate</i> are far richer than previously reported, as are the prospects for an ecological approach that embraces cultural concerns
	arq reviews	177	Building the Modern Church: Roman Catholic Church Architecture in Britain, 1955 to 1975 reviewed by Angela Connelly
		179	Forms of Practice German Swiss Architecture 1980–2000 reviewed by Rosamund Diamond
	insight	182	Regarding the residential Edward Wainwright interviews Tim Pitman and Luke Tozer, founders and directors of Pitman Tozer Architects
	a letter from	189	New York Jessie Turnbull
	subscribe		A subscription form, which may be photocopied, can be found on page 98 of this issue

architectural research quarterly

Subscribe now for 2014



Please enter my subscription to

Innovative in conception, unique in breadth and generously illustrated, this pace-setting quarterly publication from Cambridge University Press links, on a global scale, the worlds of architectural practice and research. arq regularly includes extensive peer-reviewed sections on design, history, theory, construction, environmental design, education and practice - as well as structures, urbanism and documents. These are supplemented by letters, reports, reviews and an annual index. Each issue opens with a leader and closes with insight, a personal end-piece. In its eighteen year history, **arq** has published work from all over the world: from Chile to Sweden and from Japan to the Netherlands - with a strong representation from the United Kingdom and United States. arq, like architecture itself, is all-embracing and written by and for both practitioners and academics. It provides an outlet for all those who wish to disseminate their work to an international audience.

arq	: architectural research quarterly, volume 18, 2014
	£257/\$432 institutions print and electronic
	£34/\$57 students print only
	£50/\$77 individuals print only
	EU residents only. VAT may be payable at your local rate if not registered.
	Our VAT registration number: GB 214 1416 14
	If registered, your VAT registration no:
	Total subscription payment £/\$
	EU residents only, if not registered add vat at appropriate rate
	Canadian residents, add 7% GST \$
	Total £/\$
	Name
	Address
	Payment enclosed Cheque in sterling or US dollars
	(payable to Cambridge University Press)
	Credit Card – VISA MasterCard American Express (delete where applicable)
	Card no
	Expiry date
	Signature
	Photocopy this page and send your order to: Journals Customer Services, Cambridge University Press, The Edinburgh Building, Cambridge, CB2 8RU, UK
	T +44 (0)1223 326070 F +44 (0)1223 315052
	E journals@cambridge.org
	or in USA, Canada and Mexico send to: Cambridge University Press, 32 Avenue of the
	Americas, New York NY 10013-2473, USA
	T (914) 937 9600
	F (914) 937 4712 E journals_subscriptions@cup.org
	arq18.2