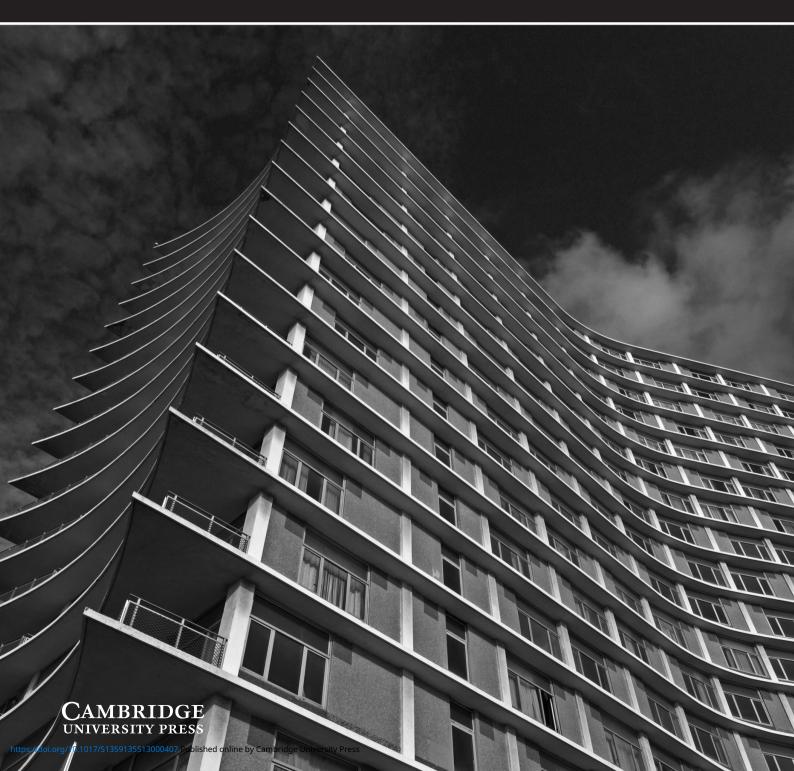
Building in relation Holl and Mackintosh Glasgow, Belfast and Havana





arq

Editors-in-Chief	Richard Weston
	E westonr1@cardiff.ac.uk
	Adam Sharr
	E adam.sharr@newcastle.ac.uk
	The Welsh School of Architecture
	Cardiff University
	2
	Bute Building
	King Edward VII Avenue
	Cardiff, CF10 3NB, UK
	т +44 (29)2087 4431
	F +44 (29)2087 4926
- 1	
Editors	Julie Gwilliam
	E gwilliamja@cardiff.ac.uk
	Stephen Kite
	E kites@cardiff.ac.uk
	Juliet Odgers
	E odgersj@cardiff.ac.uk
Associate Editors	Samuel Austin
	Edward Wainwright
	E arg@cardiff.ac.uk
	Lurqecurumacak
Editor	Charles Rattray
Reviews + Insight	School of the Environment
Keviews - Insight	
	University of Dundee
	Perth Road
	Dundee
	DH1 4HU
	м +44 (0)7971 197 912
	т +44 (0)1382 385 231
	E c.rattray@dundee.ac.uk
Art Editor + Design	Angela Ashton
	E design@angelaashton.co.uk
Contributing Editors	Carlos Eduardo Comas Universidade Federal do Rio Grande do Sul, B
	Thomas Fisher University of Minnesota, Minneapolis, USA
	Tony Fretton Tony Fretton Architects, London, UK
	Elizabeth Hatz KTH Arkitekturskolan, Stockholm, Sweden
	Susanne Hofmann Die Baupiloten, TU Berlin, Germany
	Louisa Hutton Sauerbruch Hutton Architects, Berlin, Germany
	Mari Hvattum Oslo School of Architecture and Design, Norway
	Momoyo Kaijima Atelier Bow-Wow, Tokyo, Japan
	David Leatherbarrow University of Pennsylvania, Philadelphia, USA
	Hannah Le Roux University of the Witwatersrand, Johannesburg, So
	Tarla MacGabhann MacGabhann Architects, Letterkenny, Republic o
	Mary McLeod University of Columbia, New York, USA
	Michael Ostwald The University of Newcastle, Australia
	Simo Paavilainen Helsinki University of Technology, Finland
	Alan Powers University of Greenwich, London, UK
	Mohamed Sharif Koning Eizenberg Architecture, Santa Monica, ca,
Editorial Board	Simon Allford Allford Hall Monaghan Morris, London, UK
Eaitoriai Boara	
	Andrew Ballantyne University of Newcastle, UK
	Peter Blundell Jones University of Sheffield, UK
	Peter Carolin University of Cambridge, UK
	Richard Coyne University of Edinburgh, UK
	Wayne Forster Cardiff University, UK
	Brian Ford University of Nottingham, UK
	David Jenkins Foster and Partners, London, UK
	Niall McLaughlin Niall McLaughlin Architects, London, UK
	Jane Rendell Bartlett School of Architecture, UCL, London, UK
	Jonathan Sergison Sergison Bates Architects, London, UK
	Koen Steemers University of Cambridge, UK
	Robert Tavernor London School of Economics, UK
	Jane Wernick Jane Wernick Associates, London, UK
	June Wermengane Wermenrissoenates, Bondon, ok
	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 16 is £220.00 (US \$370.00 in USA, Canada and Mexico) for institutions; £44.00 (US \$68.00 in USA, Canada and Mexico) for individuals and £32.00 (US \$55.00 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 £56.00 net (US \$69.00 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 registration number. Japanese 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 sent 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 delaw.

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 1350–1355/2017/\$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 ndependent, 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 2013

rinted in the UK by Bell & Bain Ltd, Glasgow

contents

COVER Hotel Riviera, Igor B. Polevitzky, Johnson & Associates (with associate Manuel Carrerá), 1957, El Vedado, Havana. See pp 73–88	leader	3	Building in relation
	letters	5	Education on the edge. Shifts in technical knowledge
	obituary	9	Oscar Niemeyer: 1907–2012 Styliane Philippou looks back on Niemeyer's life and career
	report	15	The Grand Domestic Revolution GOES ON Tijana Stevanović reviews an exhibition in London and Derry/Londonderry which responds to Dolores Hayden's 1983 book <i>Grand Domestic Revolution</i>
	perspective	19	Can the new cosmology, cosmogenesis, serve as a basis for a shared value system in architecture? On Charles Jencks Pekka Passinmäki challenges Jencks' idea of cosmogenesis, a conception of the world dealing in self-organising relations, preferring instead meaning in human relations
	criticism	24	Putting Holl and Mackintosh in multi-perspective: the new building at Glasgow School of Art Johnny Rodger examines Steven Holl's building for the Glasgow School of Art, currently on site, in relation to the adjacent building by Charles Rennie Mackintosh
	history	37	New tenements and the image of the past: the Crown Street development in Glasgow's New Gorbals In Glasgow again, Florian Urban reflects on a neo- traditional housing project on a contested site previously occupied by the Gorbals tenements and the high-rise Hutchesontown flats
		49	Philip Bell: a champion of the Modern Movement in Northern Ireland Paul Larmour recounts the work of one of Northern Ireland's first Modern architects who has now slipped into obscurity
		63	Le pan de verre scientifique: Le Corbusier and the Saint-Gobain glass laboratory experiments (1931–32) Rosa Urbano Gutiérrez tests Le Corbusier's idea of the mur neutralisant, born as part of a challenging environmental theory for buildings
		73	Vanity Modern: happy days in the tourist playgrounds of Miami and Havana Styliane Philippou recalls vanity projects constructed in the pre-revolutionary Havana of the 1950s, built for Americans to party and gamble in the shadow of the Cold War
	arq review	89	Aalto and America reviewed by Harry Charrington
	insight	92	The casual buttress Categorising buildings by type can obscure other readings available from direct engagement. Andrew Clancy discusses the contradiction between the general and the specific
	subscribe		A subscription form, which may be photocopied, can be found on page 2 of this issue

architectural research quarterly Subscribe now for 2014

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 fifteen 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.

Please enter my subscription to arq: architectural research quarterly, volume 17, 2013

£220/\$370 institutions print and electronic

£32/\$54 students print only

£44/\$68 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 £/\$

Address

Name

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

- т +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

- т (914) 937 9600
- F (914) 937 4712
- E journals_subscriptions@cup.org