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DesignResearch Quarterly

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DRS Conference Montreal, 7—9 July Design & Complexity

Events & Listings July 2009

CURRENT RESEARCH IN DESIGN

TABLES OF CONTENTS FROM LEADING DESIGN JOURNALS

ARCHITECTURAL DESIGN, 79:4

JUL.-AUG. 2009
SPECIAL ISSUE:
DIGITAL CITIES:

ISSN: 0003-8504 WEB LINK

Digital cities (6–13) Neil Leach

→ Much of our natural environment is based on rule-based behaviours, from the emergent swarm intelligence of flocks of birds and schools of fish, to the complex patterns of snowflakes, ferns, seashells and zebra skins....In this context, it is hardly surprising that architects are now beginning to explore similar principles in the design studio.

Parametricism: a new global style for architecture and urban design (14–23) Patrik Schumacher

why parametricism has become the dominant, single style for avant-garde practice today and why it is particularly suited to large-scale urbanism as exemplified by a series of competition-winning masterplans by Zaha Hadid Architects

Experiments in associative urbanism (24-33) Tom Verebes

how the Design Research Laboratory (DRL) at the Architectural Association in London has employed a parametric approach to urbanism that investigates how associative design systems can control local dynamic information flows through interactive systems, spaces and interfaces

Chlorofilia, the Los Angeles jungle (34–39) Neil Leach

→ the medium of film to explore the dark side of the city of angels....how [Hernan Diaz Alonso] went about challenging the conventional masterplan and provoking with his dystopian view

I've Heard about ...(a flat, fat, growing urban experiment): extract of neighbour-hood protocols (40-45)

François Roche

→ Urban models are conventionally planned and intended to control urban systems. François Roche's vision is to the contrary: it is for an unpredictable organic urbanism. A biostructure develops its own adaptive behaviour, based on growth scripts and open algorithms.

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A digital breeder for designing cities (46-49)

Michael Batty

how cities can now be grown in digital laboratories and, by imposing realistic constraints on their form, begin to breed good designs that emerge from continual feedbacks that reinforce the best and iron out the worst

The limits of urban simulation: an interview with Manuel DeLanda (50-55) Neil Leach

What is the potential for applying digital simulation for research in urban planning and development?

DESIGN RESEARCH QUARTERLY PUBLICATION INFORMATION

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London Metropolitan University, UK

Prof. Toshiharu Taura

Kobe University, Japan

Prof. Necdet Teymur

Emeritus, Middle East Technical University, Turkey

7–9 July, 2010 Montreal, Canada

DRS Conference 2010:

The Design Research Society Conference DRS 2010 is open to the whole range of design disciplines and contemporary inquiries in design. The theme of Design &

Design and Complexity

Complexity should be understood as a springboard for sharing ideas and concepts about contemporary design research.

We propose to the community of design researchers to think and report on complexity as it is encountered in a variety of the designed product, experience or service:

In the conception phase, the complexity of design lies in the many parameters or criteria that shape the designed product, experience or service: technical, ergonomic, aesthetic, cultural, symbolic, economic, etc. Another level of complexity lies in the design processes which respond to complex logics that are not easily put into an axiomatic formula (creative phases, imagination, reflection-inaction, etc). Finally, there is the actors' dynamic (including the designer) which is the result of the interplay of rhetoric, negotiation, power plays, values, knowledge, ideology, and so on.

When considering the reception of designed products, experience and services, design is faced with understandings of the users that far exceed any single disciplinary model that has been proposed so far, by the likes of cognitive or behavioural sciences, cultural anthropology, microeconomics, semiotics, etc. In the designing disciplines, these models have failed more often than not to be completely relevant to practices. How can we account simultaneously for man as a sensible, emotional, rational, embodied being, requiring a viable material and immaterial world?

The conference encourages submission of papers on topics including, but not limited to:

Complex problem-Issues:

- ▶ Design and technologies
- ▶ Interaction design
- ▶ Design process
- ▶ Design education
- ▶ Design management
- ▶ Sociology and anthropology of design
- ▶ Users and lifestyles
- ▶ Ethical and
- ▶ deontological issues
- ▶ Consumption and sustainability
- ▶ Service design
- ▶ Design and politics

Complex approaches in design:

- ▶ Research through project
- ▶ Reflection-in-action after Schön,
- ▶ Participatory approaches
- ▶ Design poetics
- ▶ Metaphorical/analogical reasoning
- ▶ New aesthetic approaches
- ▶ Rhetoric in design
- ▶ Phenomenology and hermeneutic
- ▶ Care in design
- ▶ Practical reasoning
- ▶ Eco-design and sustainable design
- ▶ Pedagogical innovations
- ▶ Multidisciplinarity
- ▶ Systemic

http://www.drs2010.umontreal.ca/

Swarm urbanism (56-63)

Neil Leach

→ Cities can be regarded as manifestations of emergent behaviour - not unlike like that of a colony of ants or a flock of birds....Software programs that display a similar emergent logic to cities might lend themselves to the development of a new computational methodology for modelling urban form

Morphogenetic urbanism (64-67)

Peter Trummer

→ A morphogenetic model of urban design in which matter and form are placed in a dynamic rather than a fixed relationship.

Digital towers (68-79)

Neil Leach

Spatial design economies (80-85) Alain Chiaradia

how space syntax spatial analyses might enable spatial design economies in the future, with special reference to London and the Borough of Tower Hamlets in particular

Hyperhabitat: reprogramming the world (86-89)

Neil Leach

➤ What are the possibilities and implications of global connectivity? Could individual living spaces be wired up to large-scale structures and networks?

iPhone city (90-97)

Benjamin H. Bratton

➤ Whereas once the metropolis alone brought together people, markets, goods, transport and information, the iPhone and similar handheld devices are changing spatial interaction.

Jan Kaplický (1937-2009): homage to an extraordinary life of unfulfilled dreams and major successes (100-107)

Ivan Margoliu

Close friend and fellow Czech architect and writer Ivan Margolius, celebrates not only Kaplicky the architect, but also the extraordinary life and sensibility of the man behind his work.

AD+ Interior Eye

Alice Tully Hall, New York (108–113) Jayne Merkel

This lively, elegant, personal and welcoming building bodes well for the dozen other public places and performance spaces that the architects will be renovating there over the next few years....The most respectful way to treat historic structures may be to meet them head-on.

AD + Building Profile

The feildbarn (114-117)

David Littlefield

an initiative to find an alternative use for the disused field barns of the Yorkshire Dales that will retain for prosperity these beautifully crafted structures roughened and enhanced by time

AD+ Userscape

Lighting up (118–121)

Valentina Croci

the potential that lighting design offers for interactive work, whether it is transforming unwelcoming urban spaces or enhancing the public's experience of the city

AD+ Yeang's Eco-Files

Seawater greenhouses and the Sahara forest project (122-123)

Ken Yeang, Michael Pawlyn

how seawater, when combined with the biological know-how of a beetle, might hold the key for creating fresh water in desert environments

AD+ McLean's Nuggets

McLean's nuggets (128-129)

Will McLean

AD+ Spiller's Bits

Parallel biological futures (130-131)

Neil Spiller

the digital and envisions a surreal future of biological parallelism that pushes the boundary of architecture deep into the natural sciences, potentially creating huge rafts of new architectural flora and fauna

AD+ Site Lines

FREEZE: A Celebration of Design in the Modern North (132–135)

Eric Firley

an art and architectural event in early 2009 that set out to celebrate the climate, landscape and light of the icy north

ARCHITECTURAL DESIGN, 79:3 JUL.-AUG. 2009

Special Issue: Energy ISSN: 0003-8504

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Twelve Easy Pieces for the Piano (6-11) Sean Lally

Contingent Behaviours (12-17)

Michelle Addington

→ Addington questions the accepted Modernist conception of the interior as a hermetically sealed envelope....in the quest for public sanitation and a misguided belief in the toxic interior.

99.7 per cent pure (18-23)

Mason White

the work of Canadian installation artist An Te Liu who made air-filtration appliances his main subject

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"Never mind all that environmental rubbish, get on with your architecture" (24–29) Penelope Dean

Could the primacy of green architecture in recent years be eroding the discipline? Is it reducing architecture to a mere environmental techno-science?

Meteorological architecture (30-41) Philippe Rahm

the emergence of a new meteorological architecture, in which the invisible takes precedence over the visible, and the atmospheric, conduction of heat, perspiration and shifting weather and climate conditions are foregrounded

Domestic micro-environments (42-47)

Mathieu Lehanneur

[readdressing] our understanding of domestic spaces through the environmental systems that control and condition them

Breeding the Future (48-53)

Zbigniew Oksiuta

a future of architecture that is biological, as demonstrated by...bioforms that investigate the cultivation of new types of organisms and living biological products outside the confines of natural evolution

When cold air sleeps (54-63)

Sean Lally

climatic conditions open up new potential for organisational and spatial design

Overlooked the day before: the work of Pierre Huyghe (64-69)

Sean Lally

two projects by artist Pierre Huyghe that use the materials and strategies of stage design-lighting, sound, fog and other atmospheric effects-and introduce them into everyday contexts

Energy histories (70-75)

David Gissen

how architectural history might be reshaped by the new focus on energies, which will leave the conventions of the discipline redundant

Energy forms (76-83)

AMID (Cero9): Cristina Díaz Moreno + Efrén Garcia Grinda

a new system for architecture that is founded on a spatial understanding of thermodynamic exchange and environmental systems and effects

The instinctive sense of space and boundary (84-87)

Petra Blaisse

how the studio focuses on the boundary of interior and exterior space, adding and subtracting highly tactile and sensuous layers

Potential futures (88-97)

Sean Lally

questioning the notion of the boundary and investigating the realm of materiality associated with energy

AD+ interior eye

Kings Place: Hall One (100-105) Howard Watson

how, through the inclusion of two small auditoria in the basement of Kings Place in London King's Cross, Dixon Jones was able to create a true mixture of amenities while responding to the area's cultural needs and eclipsing its reputation for being less than salubrious

AD+ Practice Profile

Weisz + Yoes (WXY architecture + urban design) (106–113)
Jayne Merkel

changing the face of Times Square and redesigning historic Battery Park at the southern tip of Manhattan

AD+ Building Profile

The Royal Institution (114-119)

David Littlefield

Rethinking of the Royal Institution in Mayfair has led to a rationalisation and redesign that has transformed the premises from a tatty Georgian labyrinth into an airy series of modern spaces.

AD+ Unit factor

Articulating environmental grounds (120–123)

Anne Save de Beaurecueil, Franklin Lee

A new generation of thinking is emerging in the manipulation of ground systems that, with the aid of parametrics, is enabling a new level of design precision and ecological calibration.

AD+ Spiller's Bits

Architecture of disbelief: is architectural speciation a good thing? (124–125)
Neil Spiller

→ Neil Spiller attended a conference in Cornell that brought the role of the architectural visionary under the spotlight and gave him much food for thought.

AD+ Yeang's Eco-Files

Bioluminescence and nanoluminescence (126-127)

Ken Yeang

 electricity's reliance on coal-fired power stations and other limited mineral and petroleum resources....some clues for its resolution in existing biological and evolving artificial systems

AD+ McLean's Nuggets

McLean's nuggets (128–129) Will McLean

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AD+ Userscape

An unconventional low-cost museum (130-133)

Valentina Croci

how a diminutive museum dedicated to the feminine arts in Salerno, southern Italy, provides an intimate experience for visitors

AD+ Site Lines

Tower houses of Sana'a (134-135) Eric Firley

A new compendium... which investigates 30 major housing types from around the world, describes one of the most intriguing examples, situated in the Yemen on the Arabian Peninsula.

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ISSUE: TANGIBLE INTERACTION FOR

DESIGN

ISSN: 0890-0604 WEB LINK

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design; frameworks; tangible interaction

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 design journals; design tools; informal design information; tangible interaction

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 augmented reality; ceramics; design tool; tangible interaction

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ISSN: 0890-0604

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 fuzzy wavelet neural network; neurofuzzy modeling; prediction of electricity consumption; time series prediction; wavelet network

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 causal relationship; failure modes and effects analysis; knowledge modeling; polychromatic sets; reasoning matrix

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engineering design, case study, modelling

Information Design Journal, 17:1, 2009

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Skittish skits and scanty silhouettes: the tribulations of gender in modern signage Aaron Marcus

Otto Neurath's Isotype and the rhetoric of neutrality

Aaron Marcus

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Inklings: **From mind to page in research**Jorge Frascara

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'I'd rather be seen as a practitioner, come in to teach my subject': identity work in part-time art and design tutors (151-159) Alison Shreeve

is issues of identity as part-time tutors engage in teaching in further and higher education...based on a phenomenographic research approach that examines variation in experience

Performance art at secondary level (160-173)

Sheridan Horn

the far-reaching potential and the particular characteristics of performance art within the secondary art curriculum...the means by which an art department has incorporated it into their teaching curriculum...and the work of different performance artists in residence; details of their performances. methods and artistic intentions

The artist-led pedagogic process in the contemporary art gallery: developing a meaning making framework (174–182) Emily Pringle

The pedagogic process instigated in the gallery resembles art practice in that artists seek to 'teach' skills including questioning and critical reflection and promote experiential learning.

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→ The predominant Western aesthetic concepts and theories as central culture embodied in Korean art education as local culture...have been influential on policy-making in Korean art education.... Consequently, it has not served the issues of cultural diversity and pluralism that are so problematic in twenty-first century Korean society.

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an evaluation to interrogate the efficacy of a Scottish government sponsored initiative...Arts Across the Curriculum

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→ This article uses the European context to historically situate art collections in Australian teacher education institutions. The F.M. Courtis Collection at La Trobe University exemplifies how such teaching collections continue to contribute to teaching and learning today.

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International Journal of Technology and Design education 19:3 Aug. 2009

ISSN: 0957-7572

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creative ability; technical education; technology; education—curricula; problem solving; inventions; cognitive ability; creative thinking; design & technology; analogical thinking; combination; creativity; inventiveness; metaphorical thinking

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Mai Sidawi

 science & the humanities; science—study & teaching; educational technology; students; concepts; technology; learning; teachers; design & technology; design; education; knowledge transfer; science; technology

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 robotics; problem solving; junior high school students; heuristic; technology; robots; science; rote learning; learning; problem solving projects

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Glenn Finger, Belinda Houguet

► teachers; technical education; educational technology; publications; teaching methods; learning; Queensland; Australia; design challenges; extrinsic challenges; implemented curriculum; intended curriculum; intrinsic challenges; received curriculum; technology education

Jacques Ginestié, the cultural transmission of artefacts, skills and knowledge (335–340) John Dakers

Design and Technology: For the Next Generation. D. Barlex(ed.) (341–346)
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educational technology; technology—attitudes; sustainable development; curricula; united states; study & teaching; environmental sustainability; sustainable practices; technology education

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 sustainable development; educational technology;education, secondary; transformative learning; best practice; study & teaching; curricula; sustainability—congresses; education for sustainable development; initiatives and practices; secondary and higher education; transformative pedagogies

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 awards; teachers—training of; teacher development; curriculum planning; government policy; sustainable development; sustainable design; sustainability; study & teaching; continuous professional development; impact research; social dimension; sustainability

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► problem solving; research; educational technology; sustainable development; education—research; sustainability; curricula; study & teaching; australia; curriculum; problem-solving; student learning; sustainability; technology education

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Kay Stables

 educational technology; sustainable development; research; curriculum planning; creative ability; design; environmental aspects; energy consumption; sustainability; creativity; environmental sustainability; technology education

ASIT—a problem solving strategy for education and eco-friendly sustainable design (221–235)

Steve Turner

► problem solving; research; biotic communities—research; sustainable development; educational technology; sustainable design; study & teaching; advanced systematic inventive thinking; eco-design; education for sustainable development; problem-solving strategies; the theory of the solution of inventive problems

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Zeynep Çelik Alexander

 design education; Germany; Jugendstil; occultism; subjectivity; women's history

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Wim Jansen

► Isotype; Otto Neurath; Gerd Arntz; Vienna; statistics

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continuing research into the existence, experience and representation of women designers and architects in post-war Italy

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design culture; design museums; exhibitions; museum studies; science and technology museums

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New books on Le Corbusier (271–284) Tim Benton

eight recent books on Le Corbusier

Grand designs: labour, empire & the museum in Victorian culture; interiors of empire: objects, space and identity within the Indian sub-continent, c.1800–1947.

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Product-service system (327-328) Rajkumar Roy, David Baxter

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product management; engineering—specifications; engineering design; industrial arts; new products; research, industrial; functional and technical scenarios; PSS criteria; PSS engineering design methodology; PSS representation; technical detailed product criteria

A CAD system for service innovation: integrated representation of function, service activity, and product behaviour (367 - 388)

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► computer-aided design; computer-aided engineering; specifications; industrialists; consumers; marketing; industrial management; computer-aided design; product design; product-service system; service blueprint; service design

Developing a service knowledge reuse framework for engineering design (389 - 411)

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product management; engineering design; industrial design; manufacturing industries; specifications; design requirements; product-service systems; service knowledge; technical services

Service representation for capturing and reusing design knowledge in product and service families using object-oriented concepts and an ontology (413-431) SeungKi Moon, Timothy W Simpson, Jun Shu, Soundar R. T Kumara

ontology; production engineering; new products; research; industrial; employees-workload; mass customization; knowledge capture and reuse; object-oriented concepts; service ontology

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Set-based concept selection in multiobjective problems: optimality versus variability approach (217-242) Gideon Avigad, Amiram Moshaiov

► multiple criteria decision making; research; algorithms; decision makingmathematical models; decision making; engineering design; conceptual design; multi-criteria decision-making; multi-objective evolutionary algorithms; multi-objective optimisation; set-based measures

Modelling and evaluation of product fitness for service life extension (243-263) Ke Xing, Lee Luong,

service life (engineering); recycling (waste, etc.)—research; modularity (engineering); fuzzy logic; engineering design; fuzzy logic; modularity; remanufacture; reuse; service life extension

Reflecting communication: a key factor for successful collaboration between embodiment design and simulation (265-287) A. M. Maier, M. Kreimeyer, U. Lindemann, P. J. Clarkson

▶ business communication; evaluation; new products; engineering design; management; research; computer-aided design, computer-aided engineering; design & construction

A knowledge-based system for cost modelling of aircraft gas turbines

(289 - 305)

S. V. Tammineni, A. R. Rao, J. P. Scanlan, P. A.

- S. Reed, A. J. Keane
- aircraft gas-turbines; life cycle costing; engineering mathematic; mathematical optimization; research; rolls-royce engines; engineering analysis; lifecycle costing; optimisation techniques; whole life cost

Flexibility: a multi-disciplinary literature review and a research agenda for designing flexible engineering systems (307-323) Joseph H. Saleh, Gregory Mark, Nicole C. Jordan

► flexible manufacturing systems; decision theory; engineering design; real options (finance); system design; design & construction; decision theory; design; flexibility; manufacturing systems; real options

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new product development strategy; product design strategy; strategic group

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optimal design; compliant mechanism; topology optimisation; shape optimisation; designer creativity; creative support system

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 probabilistic risk assessment; conceptual design methodology; product design

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gene engineering; product innovation; design theory and methodology

A design recovery framework for mechanical components (195-215)

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► reverse engineering; functional requirements; engineering design; design framework; systems analysis and design

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design review; perspectives; challenges; recent advances

A concurrent function deployment-based and concurrent engineering-based product development method for original design manufacturing companies (21-55)

Ying-Chin Ho, Chih-Hsin Lin

► concurrent function deployment; original design manufacturing; concurrent engineering; product development method; request for quotation

Development of a systematic classification and taxonomy of collaborative design activities (57-81)

Karen J. Ostergaard, Joshua D. Summers

► collaborative design; classification of design; information; team; communication; distribution

Automated synthesis of electromechanical design configurations from empirical analysis of function to form mapping (83-104)

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concept generation; functional synthesis; automated design; graph grammars; design reuse

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Civic concinnity(131-145) Mark C. Childs

→ This paper outlines the importance of [the]...relationship between individual acts of design and the collective design of the city, and delineates components of a civic design process.

Architects' places, users' places: place meanings at the new central bus station, Tel Aviv (147–161)

Liron Amdur, Marina Epstein-Pliouchtch

→ When architects interpret the meaning of places using different terms than...users, their ability to instill places with comprehensible meaning is hindered.

An exploration of the effect of housing unit density on aspects of residential landscape sustainability in England (163-187)

Carl Smith, Andy Clayden, Nigel Dunnett

unsustainable loss of gardens, greenspace and tree cover [and]...the effect of housing density on these variables....Total greenspace cover need not decrease with densification....however, the quality of these spaces and their sustainable credentials were seen to be highly variable.

Legibility and aesthetics in urban design (189-202)

Nigel Taylor

concepts and 'principles' of urban design, namely, 'legibility' and 'aesthetics', and then an argument about their respective importance for urban design

Urban design as a frame for site readings of heritage landscapes: a case study of Champaner-Pavagadh, Gujarat, India (203-221)

Amita Sinha, Yuthika Sharma

→ an urban design approach drawing upon Kevin Lynch's concepts regarding representation of time in place and visual perception of urban form such that cultural heritage landscapes are experienced not as artefacts but as places

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True Urbanism: Living In and Near the Center. Mark L. Hinshaw (223-224) Mark Childs

Design and Landscape for People—New Approaches to Renewal. Clare Cumberlidge, Lucy Musgrave (225–227) **Bob Jarvis**

Rethinking Urban Parks: Public Space and Cultural Diversity. Seitha Low, Dana Taplin, Suzanne Scheld (227-229) Talja Blokland

Publics nd the City. Kurt Iveson (230-231) Mahyar Arefi

Designing Australia's Cities: Culture, Commerce and the City Beautiful, 1900-1930. Robert Freestone (232-235) Arnis Siksna

UPCOMING EVENTS DESIGN CONFERENCES WORLDWIDE

ARTEMIS YAGOU

2009

30 Aug. - 1 Sep.

Oslo, Norway **Nordic Design Research** Conference, NORDES'09: **Engaging Artefacts** http://www.nordes.org

2-4 Sep. London, UK

> Designs on eLearning 2009 http://www.designsonelearning. net/index.htm

3-5 Sep. Hatfield, UK

> Writing Design: Design History Society Annual Conference http://sitem.herts.ac.uk/ artdes_research/tvad/ writingdesign.html

7-9 Sep. London, UK

> **Improving Student Learning** for the 21st Century Learner http://www.brookes.ac.uk/ services/ocsld/isl/isl2009/ callforpapers.html

9 -10 Sep. Wolverhampton, UK

> **Retailing and Distribution History: A Conference to** Mark 10 Years of CHORD

http://home.wlv.

ac.uk/~in6086/2009conf.html

10-11 Sep. Brighton, UK

> **Creating a Better World:** The 11th International Conference on Engineering and Product **Design Education** http://www.epdeog.org/

17-18 Sep. Plymouth, UK

Making futures: The Crafts in the Context of **Global Sustainability and Environmental Issues**

http://makingfutures.pcad.ac.uk

1-3 Oct. Lisbon, Portugal

IADE Anniversary Conference

http://www.iade.pt

Bloomington, IN USA 5-7 Oct.

ACM SIGDOC 2009

http://www.sigdoc.org/2009/

12-16 October 2009

Istanbul, Turkey

Revitalising Built

Environments: Requalifying Old Places for New Uses

http://www.

culturespace2009.org

13-16 October 2009

Compiegne, France

DPPI 2009: Designing Pleasurable Products and Interfaces

http://www.utc.fr/dppiog/

19-22 October 2009

Seoul, South Korea IASDR 2009: Rigor and **Relevance in Design** http://www.iasdr2009.org/

26-27 October 2009 Taipei, Taiwan

DeSForM 2009

http://www.desform.org

12-13 November 2009

Lugano, Switzerland

Swiss Design Network Symposium 2009: Multiple **Ways to Design Research** www.multiplewaysog.ch

18-19 November 2009

Melbourne, Australia

Cumulus 38° South www.cumulusog.com 24-25 November 2009 Helsinki, Finland

> The Art of Research: Processes, **Results and Contributions**

http://www.taik.fi/

designresearch/AOR2009

2-4 March 2010 Paris, France

> **KEER2010: International Conference on Kansei Engineering and Emotion Research** http://www.keer2010.eu

7-9 July 2010 Montreal, Canada

> DRS 2010 - Design and Complexity http://www.drs2010.

umontreal.ca/about.php

CURRENT SPECIAL INTEREST GROUPS OF THE DRS:

Experiential Knowledge (EKSIG)

EKSIG is concerned with understanding the nature and role of knowledge in research and practice in order to clarify fundamental principles and practices of using practice in research.

Design for Health and WellBeing

The SIG will focus on bringing together designers, design researchers, health professionals and others responsible for the delivery of health care services and products and 'less traditional' well being therapies.

Emotion, Experience and Interaction

This SiG aims to bring individuals together from a range of disciplines and commercial areas with an interest in the ways that humans experience artefacts to help the design discipline to integrate and reconcile the variety of theoretical and methodological approaches to the subject.

Design Pedagogy

The SIG aims to bring together design researchers, teachers and practitioners, and others responsible for the delivery of design education, to clarify and develop the role of design research in providing the theoretical underpinning for design education.

Information:

http://www.designresearchsociety.org click on "special interest groups

MEMBERSHIP:

DESIGN RESEARCH SOCIETY DESIGN RESEARCH QUARTERLY

The Design Research Society is the multi-disciplinary learned society for the design research community worldwide.

We have an international design research network in around 40 countries comprising members who maintain contact through our publications and activities.

Our members are from diverse backgrounds, not only from the traditional areas of design, ranging from expressive arts to engineering, but also from subjects like psychology and computer science.

We:

- Recognize design as a creative act common to many disciplines
- ► Understand research and its relationship with education and practice
- ► Advance the theory and practice of design
- ► Encourage the development of scholarship and knowledge in design
- ► Contribute to the development of doctoral education and research training
- Share knowledge across the boundaries of design disciplines
- ► Facilitate networks to exchange and communicate ideas, experience and research findings among members
- ► Disseminate research findings
- ▶ Promote awareness of design research
- ► Organise and sponsor conferences, and publish proceedings
- ► Encourage communications between members internationally
- ► Respond to consultative documents
- ► Collaborate with other bodies
- ▶ Lobby on behalf of members' research interests
- ▶ Recognise excellence in design research through awards
- ► Sponsor e-mail discussion groups and a monthly e-mailed newsletter: **Design Research News**
- ► Publish **Design Research Quarterly** to members.

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