

THURSDAY 25 AUGUST 2011

During the morning of Thursday 25 August we are offering two additional activities.

VISIT 1: LEARNING ENVIRONMENTS

Hosts: Alan Gilmour & Ben Cleveland, LEaRN

The Learning Environments Spatial Laboratory (LESL) is dedicated to providing a permanent space facilitating the research and development of improving learning environments. An integral feature of this space is its flexibility allowing a multitude of different user groups to configure the space according to their individual requirements. To achieve this adaptability, furniture and technology were central to the concept.

Alan and Ben will share observations from user feedback, such as their learning on the pluses and minuses of the space and the types of technology that are proving to be most effective.

VISIT 2: FACTORY VISIT

Hosts: Director Jan Gyrn and colleagues, Modscape

Modscape is a young and rapidly growing modular housing manufacturer based in Brooklyn in Melbourne's west. They have built a number of rural and city homes, as well as installing a roof top penthouse on top of an existing block in East Melbourne.

Our hosts at Modscape will take us on a factory tour to see how they manufacture their design led, sustainability focussed modular houses.

<http://www.modscape.com.au>

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times	sessions
9:00 – 9:45	Learning Environments Spatial Laboratory Explore the University of Melbourne's LESL.
9:45 – 10:00	Coffee break
10:00 – 12:30	Site Visit: Modscape Factory See a Melbourne modular building factory in action.

COSTS

We particularly welcome the participation of teachers who bring their expertise to the discussion of space and learning, so we're offering teachers a discounted price.

DAYS 1 and 2

\$250 Full \$200 Teachers and Tertiary Students

DAY 1 ONLY

\$200 Full \$150 Teachers and Tertiary Students

Morning tea, lunch, afternoon tea and drinks will be provided on Day 1. Only morning tea will be provided on Day 2.

REGISTRATION FOR THE EVENT

Please complete the Registration Form and scan and email to:

FPS-REGISTRATION@unimelb.edu.au

Registration will allow you to note any special dietary requirements.

PLEASE NOTE

Numbers are strictly limited so please register early.

Registrations are limited to maximum 5 attendees per organisation or institution.

Talking Spaces 3: Future Proofing Schools

AIMS AND OBJECTIVES

The programme has been designed to encourage interdisciplinary conversations and explore future provision of relocatable classroom infrastructure.

WHO SHOULD ATTEND ?

Educators, architects, landscape architects, designers, facility managers, manufacturers, and anyone interested in prefabrication or redefining relocatable school infrastructure of the future.

FEEDBACK FROM TALKING SPACES 2

"As a teacher, it was great to meet so many designers who are passionate about education..."

"The catering was delightful." Thank you Mary+Steve

"The workshops were great - so hands on!"

FUTURE PROOFING SCHOOLS RESEARCH

Future Proofing Schools is working with six education departments across Australia and Industry Partners to re-imagine 'relocatables' as 21st century learning spaces.

Our research embraces sustainable school design, 21st century pedagogies and emergent innovation in manufacturing technologies which are all in exciting 'tipping points' for the design and construction of future learning spaces. The multidisciplinary team includes architects, educators, landscape architects, and sustainability specialists.

THE DESIGN IDEAS COMPETITION

This Symposium is timed to correspond with the International Design Ideas Competition **Future Proofing Schools**.

Find out more at www.msdcubator.com

FURTHER INFORMATION

Please email us at:
FPS-REGISTRATION@unimelb.edu.au OR
go to our website:

www.futureproofingschools.com/talkingspaces3

TALKING SPACES 3

Future Proofing Schools:

This Symposium presents an opportunity for educators, building designers, facilities managers and manufacturers to hear a range of experts discuss **relocatable classroom environments** today, and explore future opportunities.



24 August 2011

plus
Optional site visits on the 25 August

Location:

Woodward Centre
Level 10 of the Law Building
185 Pelham Street, Carlton
Melbourne, Australia
Melways ref: Map 43 G5

Future Proofing Schools

An ARC Linkage Grant Project
Faculty of Architecture, Building and Planning
and Industry Partners

WEDNESDAY 24 AUGUST 2011

times	sessions
8:30 - 9:00	Registration
9:00 - 9:10	Welcome Tom Kvan and Clare Newton
9:10 - 10:30	Session 1: The context Mal Parr – adaptability and future proofing Leanne Taylor – remote communities Kerry Kasmira – relocatables: pluses and minuses
10:30 - 10:50	Morning Tea
10:50 - 12:10	Session 2: The tipping points Mark Burry – the transformative nature of mass customisation Tom Kvan – the transformative nature of parametric design Wayne Craig – the transformative nature of 21st century pedagogy and ICT
12:10 - 13:00	Lunch
13:00 - 14:30	Session 3: 2D or not 2D James Timberlake – 2D off-site systems thinking for prefabrication assembly Arie van der Neut – 3D-off site modular approaches
14.30 - 15:30	Session 4: Exploring Possibilities a – Understanding remote communities b – Designing for comfort d – Mass Customisation and User Interface e - The Real Centre Experience
15:30 - 15:50	Afternoon Tea
15:50 - 16:10	Session 5: Speed dating Envisioning the Future – sharing your new found perspectives
16:10 - 17:10	Session 6: Reflections and Q+A Lee Callum Tim Fitzgerald Jill Garner Gini Lee Arie van der Neut Leanne Taylor James Timberlake
17:10 - 18:10	Drinks

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SESSION 1: THE CONTEXT

Facilitator: DOMINIQUE HES, University of Melbourne

The panel presents contextual issues on prefabricated learning environments from the perspectives of the users and clients.

MAL PARR

Acting Director of Infrastructure, DET, WA

Mal will focus on how *relocatable* buildings can address issues around changing demography within cities and suburban growth corridors in Western Australia.

LEANNE TAYLOR

Director of Planning and Infrastructure, DET, NT

Leanne will describe some of the challenges faced when providing infrastructure to diverse communities in the Northern Territory, including issues around available labour and transport to remote and island communities.

KERRY KASMIRA

Principal, Arlparra School, NT

Kerry's hands-on knowledge of remote school communities in the Northern Territory and Western Australia provides an invaluable insight into how buildings can support or hinder learning.

SESSION 2: THE TIPPING POINTS

Facilitator: RICHARD LEONARD, Hayball Architects

This panel will explore some of the key 'tipping points' which are set to transform design of future relocatable classrooms.

MARK BURRY

Spatial Information Architecture Laboratory, RMIT

Professor Burry will discuss the role of digital design technologies in facilitating user led design for new products, working across disciplines from fashion to architecture.

TOM KVAN

Dean of Faculty of Architecture Building and Planning

Professor Kvan is internationally recognised for his work in the development of digital applications in design, and will discuss parametric design and its interface with building manufacture.

WAYNE CRAIG

Regional Director, DEECD

Wayne Craig will share his insights into the future of education in Australia, and how 21st century pedagogies can play a powerful and positive role in student trajectories.

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SESSION 3: 2D OR NOT 2D

Facilitator: CLARE NEWTON, University of Melbourne

Two international architects describe their strategic use of prefabrication to provide sustainable and agile solutions to complex design problems.

JAMES TIMBERLAKE

Partner at Kieran Timberlake, Philadelphia

James will present his philosophy for a new approach to architecture in which prefabrication is central. He has been co-author on a number of important texts on prefabrication including *Refabricating Architecture* and *The Loblolly House*.

ARIE van der NEUT

Director at HDVN Architecten, Amsterdam

Arie will share his experience of creating sustainable and relocatable infrastructure for a number of public sector clients in recent years. These projects include the Het 4 School in Amsterdam which is of a permanent design and construction quality that belies its 'relocatable' nature.

SESSION 4: EXPLORING POSSIBILITIES

Four workshops will explore different themes from the day:

Understanding remote communities

Kerry Kasmira will develop our understanding of the day to day logistics of running a remote school.

Designing for comfort

Philippa Howard will explore comfort and the environment from the students' perspectives, sharing insights from her PhD research within the *Future Proofing Schools* project.

Mass customisation and User Interface

David Lister uses digital modelling software to show how a kit-of-parts prefabrication system can be mass-customised in response to client needs.

Designing from the inside out by RM Education

Myf Powell will lead a hands-on session exploring the role of pedagogy in an integrated approach to design, furniture and technology.

SESSION 5: SPEED DATING

A 'Date Manager' will use colour coding to construct and reconstruct buzz groups across the session. The aim is simple: gather a rich collection of words to capture your suggestions, ideas, possibilities and challenges. Review later over drinks!

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SESSION 6: REFLECTIONS AND Q + A

Facilitator: JILL GARNER, The Jury Chair

This session will allow for reflections on the day, and opportunities for questions to the panel. It also introduces the Competition Jury which includes a mix of expertise from design, education and education departments.

Jury members in attendance will be :

LEE CALLUM is Executive Director, Strategy, Planning & Performance in Queensland's Department of Education and Training. From her time in a one teacher rural school to being Executive Principal of one of Australia's largest Prep to Year 12 Colleges, Lee Callum has led dynamic and leading practices that have achieved recognition nationally and internationally.

TIM FITZGERALD is Project Director of the Wannik Unit at the Department of Education and Early Child Development. He is renowned as an education innovator and leader encouraging creative curricula which engages students through effective use of IT, team teaching and learning styles.

JILL GARNER is the Associate Victorian Government Architect and Director of Garner Davis Architects. Jill regularly represents the architectural profession as an advocate for the importance of architectural design and innovation.

GINI LEE is Professor of Landscape Architecture and was recently appointed to the Elisabeth Murdoch Chair at the University of Melbourne. Her research interests include cross cultural and cross disciplinary design, cultural landscape assessment and indigenous built environment and consultation practices.

ARIE van der NEUT is a director of HDVN Architecten. HDVN was winner of the Architect of the Year 2010 in the Netherlands. HDVN is driven by a strong social and sustainability agenda, and in recent years has explored the use of prefabrication in creating sustainable infrastructure for projects such as schools, nursing homes and student housing.

LEANNE TAYLOR is Director of Planning + Infrastructure at the Department of Education & Training in the Northern Territory. Leanne brings knowledge regarding the challenges faced in delivering schools to communities ranging from the urban tropical context of Darwin to the remote desert landscapes around Alice Springs.

JAMES TIMBERLAKE is a joint partner of the American architecture firm, Kieran Timberlake, noted for linking research with architecture. The firm has received over one hundred design citations including the 2008 Architecture Firm Award from the American Institute of Architects.