

Event: Daylighting and Compliance: A help or hindrance

for better buildings?

Date: Wednesday 3rd November 2010

Time: 18:00 for 18:30 start (finish 19:30)

Venue: <u>BDP – Ducie Street, Manchester</u>

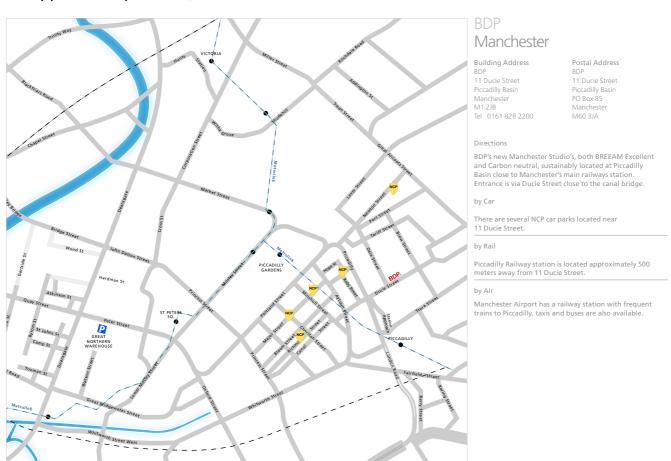
Speaker: **Dr. John Mardaljevic**

Cost Free

Drinks will be served from 18:00.

The drive towards sustainable, low-energy buildings has increased the need for reliable methods to evaluate whether a 'daylit' building meets minimum standards for energy and human comfort performance. Current metrics do not account for the temporal and spatial aspects of daylight, nor of occupants' comfort or interventions. This presentation will:

- •Review the historical basis of current compliance methods for achieving daylit buildings and examines upcoming draft proposals e.g. LEED, ASHRAE, etc.
- Propose a technical basis (called climate-based daylight modelling) for the development of better metrics.
- Describe case study examples showing how climate-based metrics can be applied in a practical, real-world context.



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