

## MASTERCLASS: Designing for summer comfort

Mark Siddall, leap4.it  
Nick Grant, ElementalSolutions.co.uk

Venue: **The Studio**, 1<sup>st</sup> Floor, 7 Cannon Street, Birmingham, B2 5EP

Date: June 26th, 2017, 10.30am-5.30pm

### PROGRAMME

<b>10.30- 11.00:</b>	<b>Registration &amp; Coffee/Tea</b>
11.00 - 11.10:	Introduction
11.10 – 11.30:	Comfort, criteria, sources and sinks for summer heat.
11.30 – 12.00:	PHPP exercise 1, filling in the heat gains.
12.00 – 12.30:	IHG, thermal mass, glazing
12.30 – 13.15:	PHPP glazing and shading exercise
<b>13.15 - 13.40</b>	<b>Lunch</b>
13:40 - 14:30:	Finish exercise & questions
14.30 - 15.00:	Radiant discomfort, design approach, loose ends
15.00 – 15.45:	PHPP design challenge
<b>15:45- 16:15:</b>	<b>Tea &amp; coffee break</b>
16.15 - 16.45:	Finish exercise and questions
16.45 – 17.00:	Short case studies
17.00 - 17.15:	Questions and discussion
<b>17.15 – 17.30</b>	<b>Close</b>