



# PLEA 2017 EDINBURGH

## *Design to Thrive*

## WINDCATCHERS AND WINDOWS FORUM

Royal Society of Edinburgh (RSE): Swann Room 10

July 5th

TIME min

### 10.00 - 11:00 Ventilation, Thermal Comfort & Performance Prediction

Chair:						
1	12.30-13.00	30		Mehdi Bahadori	Windcatchers, Past Present and Future	
2	13.00-13.10	10	1461	Mehrnoosh Ahmadi	Potential cooling energy reduction by a wind tower model in Milan and Rome climate	
3	13.10-13.20	10	0291	Pimolsiri Prajongsan	Window use: Potential and challenges to energy-efficient residential buildings in hot-humid climates	
4	13.20-13.30	10	0433	Christina Mediasitika	Open windows for natural ventilation and outdoor noise reduction in tropical climates	
5	13.30-13.40	10	0627	José Antonio Castillo Torres	Indoor comfort evaluation by natural ventilation in hot climates: Heat Balance Index	
6	13.40-13.50	10	1217	Elena Garcia-Nevado	Façade design and energy demand: fenestration indexes from an urban approach	
7	13.40-13.50	10	0324	Beatriz Arranz	Evaluation of the performance of an Innovative Glazing System by a comparative experimental analysis.	
8	14.00-14.10	10	0747	Ruey-Lung Hwang	Thermal comfort based window glass selection for office buildings	
Ds	14.10-14.30	30			<b>DISCUSSION + Q&amp;A</b>	