



PLEA 2017 EDINBURGH

Design to Thrive

RENEWABLES / SOLAR BUILDINGS FORUM

Assembly Rooms Building: **West Drawing Room**
July 5th

	TIME	min				
10.00 - 11.00						
	Chair:			Tariq	Muneer	
1	10:00	14	524	Simon Frederik	Haeringer	Solar thermal venetian blinds – transparency, user comfort and solar energy in one!
2	10:14	14	478	Tariq	Muneer	Engineering applications of solar energy – the most potent renewable resource
3	10:28	14	632	Harald N	Røstvik	Solar energy in the urban vertical fabric
Ds	10:42	8				DISCUSSION + Q&A
10.50 - 12:00						
	Chair:			Tariq	Muneer	
4	10:50	7	1114	Kurt	Leonhartsberger	System relevant applications for home storage systems
5	10:57	7	769	Kheira Anissa	Tabet Aoul	Parametric Optimization of Solar Hot Water Systems for Different Building Types Under a Hot Climate
6	11:04	7	1137	Karl Martin	Heissler	Increasing the utilization of local energy potentials through low temperature district heating networks
7	11:11	7	1311	Juan	Gonzalez	The process of Urban Regeneration as a policy of integral improvement
8	11:18	7	1207	Olivia	Zara	Londrina Towards an Eco-City Future: A Renewable Energy and Smart Mobility Symbiosis
9	11:25	7	1587	Caroline Indayara	Leite Milhoranca	Earth-to-air Heat Exchanger Simulation Validation with Empiric Measurements Comparison: a literature review
10	11:32	7	349	Bao Quan	Ong	Optimisation of BIPV as Façade Sunshading considering Energy Yield, Daylight, and Thermal Gains in Tropical Residential Buildings
11	11:39	7	1612	Marcelo	Bezerra	Legislation, Strategies and Incentives to the Solar Energy Adoption by Apartment Buildings in Rio de Janeiro, Brazil
Ds	11:46	10				DISCUSSION + Q&A