



Task 48 



Report of the workshop
“Technologies for solar cooling in tropical climates”
& guided tour of world’s largest solar cooling System
On April 5th, 2013 in Singapore

Agenda

8.30	
	Guided Tour of the World's Largest Solar Cooling Plant
10.15	Pre-arranged Transport/Shuttle to Cleantech One, Cleantech Park – Singapore's First Eco-Business Park, for Workshop
11.00	
11.15	Welcome Speech by Volker Amann, Head of Mission at Austrian Embassy Singapore
11.30	Presentation of solar cooling plant UWC Singapore (Moritz Schubert, Solid Austria)
12.00	
12.45	The IEA SHC programme (Alexander Morgenstern, Fraunhofer ISE, Germany)
	IEA SHC Task 48: Quality Assurance & Support Measures for Solar Cooling Systems (Alexander Morgenstern, Fraunhofer ISE, Germany)

Agenda

13.30	Solar Heating and Cooling in Singapore (ANG Kian Seng, Group Director, Research - Building and Construction Authority, IEA SHC Executive Committee Member for Singapore)
14.00	Development of new absorption chillers and latent heat storages (Martin Helm and Manuel Riepl, ZAE Bayern, Germany)
14.30	Advances in Solar DEC's: test and researches at University of Palermo (Marco Beccali, DEIM, University of Palermo, Italy)
15.00	Prototype operation of the open sorption based air-conditioning system (ECOS) under tropical conditions joint presentation by Arifeen Wahed (SERIS, Singapore) and Alexander Morgenstern (ISE, Germany)
15.30	Tea Break
16.00	Overview of innovative cooling and dehumidification technologies for tropics as living labs at Cleantech One. (Nilesh Y. Jadhav, ERI@N, Singapore)
16.30	Final words of organisers (Solid and co-organising partners)
	Question and answer session
17.30	Cocktail

Participants



COMPANY/DESIGNATION
Fraunhofer ISE / Senior Scientist
ZAE Bayern - Research
ZAE Bayern - Research
University of Palermo - Assoc Prof
ERIAN/NTU - Program Mgr/Snr Scientist
ERIAN/NTU - Research Scientist
ERIAN/NTU
ERIAN/NTU
ERIAN/NTU - Research Scientist
ERIAN/NTU
SERIS/NUS - Research Scientist
SERIS/NUS
SERIS/NUS - PhD Student
SERIS/NUS - Research, PV System Tech
SERIS/NUS - Head, Solar Buildings Group
SERIS/NUS
SERIS/NUS - Snr Research Scientist
Dept of Mechanical Engineering/NUS - Prof
BCA - Group Director, Research
BCA

COMPANY/DESIGNATION
BCA
BCA
BCA
NEA/EECD
NEA/ETO
NEA/ETO
NEA/ETO
JTC/Snr Principal Engineer
JTC/Snr Engineer
JTC/Dy Director
JTC/Snr Engineer
School of EEE/NTU - Assoc Prof
School of EEE/NTU - Assoc Prof
School of EEE/NTU - Project Manager
School of EEE/NTU - Assoc Prof
EDB/Senior Officer, Cleantech
NRF
Austrian Embassy/Head of Mission
Austrian Embassy
SOLID - Strategic Marketing
SOLID - Technical
SOLID - Project Development
Pfizer/Engineering Director
Pfizer/Senior Manager
French Institute/Scientific Officer
Cofely/Deputy Managing Director
Cofely/Director

COMPANY/DESIGNATION
Cofely/Deputy Managing Director
Cofely/Director
Cofely/Manager, Business Development
Memsys/Senior Project Engineer
Memsys
EDF/Sustainable Cities Chief Officer
SNB CoalTrade Pte Ltd
SNB CoalTrade Pte Ltd
iC CES/Senior Expert
Midpoint Properties Limited
THG & Associates
THG & Associates
Woh Hup
Woh Hup
L J Energy / Technical Director
Baiteli Green Energy / Director
Singapore Lifestyle Initiative P/L
Cyclect/Deputy Manager, Green Products
ACMV Pte Ltd
ACMV Pte Ltd
Baiteli Green Energy
Baiteli Green Energy
Baiteli Green Energy
Sirius Int'l Energy Trading P/L / Exec Dir.
SNB CoalTrade Pte Ltd
Prestan Capital
SOLID

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Thank you