

EVENT  
DAY  
1



November 10-11, 2017  
Le Meridien Hotel,  
New Delhi, India

Second ASHRAE  
Developing Economies Conference

9.00-10.30

REGISTRATION AND NETWORKING

INAUGURAL FUNCTION

Presentation by Title Partner  
Blue Star

10:45 - 11:30

**MASTER SPEAKER - KARAN GROVER, INDIA**  
*Exceeding Excellence - Redefining Landscapes in Developing Countries*

ROOM

SOVEREIGN 2

INSPIRE

12.00 - 13.30

**Session on  
INTERNATIONAL EXPERIENCES IN  
HVAC SYSTEM**

**Session on  
SMART CITIES**

**Dr. Essam Elsarrag, QATAR,**  
*The Use of a Hybrid Super  
Efficient Cooling System for  
FIFA 2022 Showcase Stadium*

**THOMAS M. LAWRENCE, USA,**  
*Energy Resiliency and  
Sustainability for Smart Cities  
in Developing Economies*

**BRIDGE XUE, CHINA,**  
*How Standards and  
Certification Transform Markets*

**BIROL KILKIS, TURKEY,**  
*Hydrogen Economy in an  
Energetically Rational Smart City*

**WALTER VERNON IV, USA,**  
*New Energy Ideas from the  
National Labs*

13.30 - 15.00

*Networking Lunch Presentation by Hitachi*

15.00 - 16.45

**Session on  
ECO LABELLING (ASHRAE-  
UN Environment COOPERATION)**

**Session on  
SMART CITIES**

**LIAZZAT RABBIOSI, THAILAND,**  
*Eco-Labeling: Criteria from  
an Environmental Perspective*

**Dr. ALAA OLAMA, EGYPT,**  
*District Cooling Experts*

*Ecodesign: Minimum Efficiency  
Performance Standards: The EC  
Directive European Partnership for  
Energy and the Environment*

**ROHAN RAWATE, SINGAPORE,**  
*The Future of Energy Reduction*

**R.K. MEHTA, INDIA  
& J BHAMBURE, INDIA**  
*Complying with EC directive:  
An OEM Perspective*

**SHUBHRANSHU PANI, INDIA,**  
*Smart Cities - Smart Solutions  
for a Better Tomorrow*

*Panel Discussion by UNEP*  
Moderator: **ATUL BAGAI,**  
THAILAND

16.45 - 17.15

*Tea Break*

17:15 - 18:15

Panel Discussion  
*Can Developing Economies Leapfrog from Urban Mismanagement to  
Smart Cities, Moderator: **ASHISH RAKHEJA, INDIA***

18:30-22.00

*Networking Dinner Presentation by Kirloskar*

EVENT  
DAY

2



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10:00 - 10:45

**MASTER SPEAKER - SHRI AURANGA PRABHU, INDIA**  
*Govardhan Eco Village : An Example of Sustainable Living*

ROOM

SOVEREIGN 2

INSPIRE

11.15 - 13:00

**Session on  
ENERGY WATER NEXUS**

**Session on  
INTERNET OF THINGS**

**Prof. ESSAM E KHALIL, EGYPT,**  
*Water Energy Nexus:  
A Strategy and Roadmap*

**HANK MARCY, JAPAN,**  
*Model Predictive Control and VRF  
Systems: Using Optimization to  
Achieve the Lowest Operating  
Cost for Installed VRF Systems*

**DANIEL H. NALL, USA,**  
*Water Conservation and  
HVAC Design*

**ADEWALE A. ADELAJA, NIGERIA,**  
*IoT in HVAC Built Environment*

**DINESH GUPTA, INDIA,**  
*Adsorption Chillers - Green  
Cooling Using Hot Water  
(Waste Energy)*

**VIJAY KUMAR, DUBAI,**  
*Converged IoT  
Environment in Building*

13.00 - 14.30

*Networking Lunch Presentation by Blue Star*

14.30 - 17.00

**Session on  
INDOOR AIR QUALITY**

**Session on  
TALL BUILDINGS**

**BJARNE OLESEN, DENMARK,**  
*Required Ventilation for  
Acceptable Indoor Air Quality*

**TL CHEN, MALAYSIA,**  
*Smoke Management Control and  
Active Fire Strategies*

**TIM DWYER, CIBSE UK,**  
*IAQ - For the Many and Not Just  
the Few*

**PETER SIMMONDS, USA,**  
*Climate Effects On Tall Buildings*

**MAHESH PRABHU, INDIA,**  
*Legionella Control in the  
Hospitality Sector in  
Developing Economies*

**ROBERT SIMMONS, USA,**  
*Design of Mechanical, Electrical,  
Plumbing and Fire Systems to  
Survive Earthquakes*

**MITESH KUMAR, SINGAPORE,**  
*Indoor Air Quality & Health Hazard  
Evaluation: Something  
in the Air?*

*Panel Discussion on Tall  
Buildings: Is Up the Only Way to  
go for Developing Economies?  
Moderator: PANKAJ DHARKAR,  
INDIA*

**PRABIR KUMAR SEN, INDIA,**  
*Indoor Air Quality to Prevent  
Nosocomial Infections  
Propagation*

17:00 - 17:30

*Closing Ceremony*