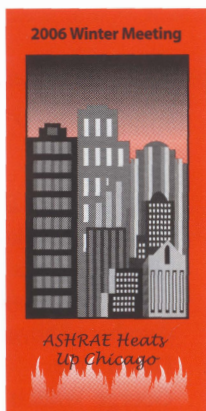


Honors & Awards Program



Saturday, January 21, 2006

at the Winter Meeting of the

American Society of Heating, Refrigerating
and Air-Conditioning Engineers, Inc.

2006 WINTER MEETING HONORS AND AWARDS RECIPIENTS

Student Design Project Competition Awards - First Place

Refrigeration System Design Category Thammarat Wittayakerkkrai,
Chaiwat Puttanuntadech and Kittipong Sookchai

HVAC System Selection Category Jesse Fisher and Amy Pastor

Architectural Design Scott Poloney and Dan Guith

Technology Awards - First Place

Category I: Commercial Buildings, Existing Lev Zvenyach, P.E.

Category V: Public Assembly Martin Roy

Category VII: Alternative and/or Renewable Energy Use Laurier Nichols

Fellow ASHRAE

James Braun, Ph.D., P.E.

Qingyan Chen, Ph.D.

Piya Chongvatana

S.K. Chou, Ph.D.

Kenneth Cooper, Ph.D., P.E.

Charles Culp, Ph.D., P.E.

William Fisk, P.E.

Arthur Garbarino

David Grimsrud, Ph.D.

Carl Hiller, Ph.D., P.E.

Vojislav Novakovic, Ph.D.

Deepak Pahwa

Srinivasan Sankaran

Avraham Shitzer, Ph.D.

David Tree

George Walton

Chi-Chuan Wang, Ph.D.

Gary Wingfield, P.E.

ASHRAE-ALCO Medal for Distinguished Public Service Alfred Greenberg

E.K. Campbell Award of Merit Arthur Hurlbut, Ph.D.

Hall of Fame Jasper Woodroof, Ph.D.

FELLOW ASHRAE

Fellow ASHRAE is a membership grade that recognizes distinction in the arts and sciences of heating, ventilation, air conditioning or refrigeration and is earned through achievement as a researcher, designer, educator or engineering executive. Approximately 600 of ASHRAE's 55,000 members are Fellows.

James E. Braun, Ph.D., P.E.

James Braun is a professor, School of Mechanical Engineering, Purdue University, West Lafayette, Indiana. He has worked in the fields of air conditioning and refrigeration for more than 25 years in university and industrial settings. Currently his research at Purdue combines computer modeling and experiments to study and improve the performance of energy systems. This includes algorithms for intelligent control of building systems, algorithms for automated diagnostics applied to primary cooling equipment, comprehensive steady-state/transient models for compressors, expansion devices, heat exchangers, packaged air-conditioning equipment, and new environmentally-friendly cooling technologies. Dr. Braun has received two patents and published more than 120 papers.

Qingyan Chen, Ph.D.

Qingyan Chen is a professor, Purdue University, West Lafayette, Indiana. His research focuses on detailed energy and indoor environmental analyses of buildings and spaces in buildings. He contributed to the development of appropriate computational fluid dynamic models for the prediction of variations in air temperature, air velocity, turbulence intensity and pollution concentrations in the occupied zones of spaces. In 1985, he oversaw the first research that combined computational fluid dynamics with building energy analysis programs. Considered an expert in indoor air quality, Dr. Chen is the technical leader of the Federal Aviation Administration's Air Transportation Center of Excellence for Airliner Cabin Environment Research, which seeks to solve air quality and security problems in commercial aircraft cabins.

Piya Chongvatana

Piya Chongvatana is president, Patkol Public Co. Ltd., Bangkok, Thailand. He built the first food quality tube ice making machine in Thailand. Today, his company is one of the two largest manufacturers of tube ice makers in the world. Mr. Chongvatana's other product lines include stainless steel evaporative condensers, spiral freezers, tray tunnel freezers and continuous fluidized bed freezers, among others used in breweries and seafood and milk processing plants. He designed the largest poultry processing plant in the Association of Southeast Asian Nations where some 500,000 chickens are frozen each day. In 2004, he received the Thailand Outstanding Technologist Award from the Foundation for the Promotion of Science and Technology, which is the first time the award was given to someone outside the civil service.