

SYMPOSIUM ON INDOOR AND URBAN ENVIRONMENTAL SYSTEMS AT SYRACUSE AGENDA

October 30, 2001

Location: Syracuse University Campus, 220 Eggers Hall, Public Events Room (unless noted otherwise)

09:00 WELCOME, OVERVIEW, PERSPECTIVES

Edward Bogucz, Dean, College of Engineering & Computer Science, Syracuse University
Kenneth Shaw, Chancellor, Syracuse University
Russell Bessette, Executive Director, New York Office of Science, Technology, & Academic Research
H. Ezzat Khalifa, Syracuse University, Director of the Center for Environmental Quality Systems
R. Leland Davis, Executive Director, New York Indoor Environmental Quality Center, Inc.

10:15 Break

SESSION 1 CHARACTERIZATION AND CONTROL OF ENVIRONMENTAL POLLUTANTS

Chair: Mark Glauser, Syracuse University

10:30 **Indoor pollutant source characterization**

Jianshun Zhang, Syracuse University

11:00 **Active control of indoor environments – The role of sensor location**

Qingyan Chen, MIT

11:30 **Development of active, passive, and control-configured approaches to IAQ**

Joseph Sangiovanni, United Technologies Research Center

12:00 **Computational modeling of particle transport and deposition**

Goodarz Ahmadi, Clarkson University

12:30 **Lunch** (*Location: Sheraton University Hotel & Conference Center, Grand Ballroom*)

1:15 **Announcement of NYIEQ Commercialization Assistance Program (CAP) Awards**

R. Leland Davis, NYIEQ Center
William Magnarelli, NYS Assembly

1:30 **Featured Presentation: High-performance buildings**

Robert Fox, Fox & Fowle Architects, PC

SESSION 2 HUMAN HEALTH AND PERFORMANCE FACTORS

Chair: Jerrold Abraham, SUNY Upstate Medical University

2:15 **Indoor Air Distribution and Human Thermal Comfort**

Mohammad Hosni & Byron Jones, Kansas State University

2:55 **Assessment of urban dwellings for indoor toxics**

Andrew Hunt, SUNY Upstate Medical University

3:25 **Bio-aerosol sampling study**

Susan Anagnost, SUNY College of Environmental Science & Forestry

4:05 **Does IEQ influence productivity?**

Alan Hedge, Cornell University

4:45 Break

PANEL 1 HUMAN HEALTH AND PERFORMANCE IN THE BUILT ENVIRONMENT

5:00 Moderator: Kenneth Barker, SUNY Upstate Medical University

Panelists: Alan Hedge, Cornell University
Mohammad Hosni, Kansas State University
Michael McGinnis, University of Texas Medical Branch
Russell Bessette, NYSTAR (*tentative*)

- 6:00 Adjourn
- 6:30 **Cocktail Reception** (*Location: Goldstein Alumni & Faculty Center*)
- 7:00 **Dinner** (*Location: Goldstein Alumni & Faculty Center*)
Featured Presentation (Title to-be-determined)
Steve Page, Director, Office of Radiation and Indoor Air, U.S. EPA

October 31, 2001

Location: Syracuse University Campus, 500 Hall of Languages, Killian Room (unless noted otherwise)

- 07:00 Continental Breakfast**
- 08:00 Introduction to Second-Day Sessions**
H. Ezzat Khalifa, Syracuse University
- 08:05 Featured Presentation: Clearing the air**
John Spengler, Harvard University
- SESSION 3 URBAN ENVIRONMENTAL SYSTEMS**
Chair: David Johnson, SUNY College of Environmental Science & Forestry
- 08:45 PM2.5 air quality issues and the EPA Supersite program**
Kenneth Demerjian, SUNY Albany
- 09:25 The Baltimore study**
Peter Groffman, Institute of Ecosystem Studies
- 10:00 The Peace Bridge**
Jamson Lwebuga-Mukasa, SUNY Buffalo
- 10:30 Robotic water quality network for New York State**
Steve Effler, Upstate Freshwater Institute
- 11:00 Break**
- PANEL 2 INTERACTION OF URBAN AND BUILT ENVIRONMENTS: WHO IS POLLUTING WHOM?**
11:15 Moderator: Charles Driscoll, Syracuse University
Panelists: Kenneth Demerjian, SUNY Albany
Peter Groffman, Institute of Ecosystem Studies
Jamson Lwebuga-Mukasa, SUNY Buffalo
David Price, U.S. EPA
John Spengler, Harvard
- 12:30 Lunch** (*Location: Carrier Dome, Orange Pack Room*)
Featured Presentation (Title to-be-determined)
Donald Barnes, Staff Director, Science Advisory Board, U.S. EPA
- 1:45 Reflections on the Symposium**
Edward Bogucz, Syracuse University
- 2:00 Business Meetings and Lab Tours**