

ATRA

The Advanced Transit Association

Rethinking Transportation

www.advancedtransit.org

An international, non-profit membership group that encourages the consideration of advanced transit

SMART URBAN & CAMPUS MOBILITY

Design Seminar on Multi-Modal Mobility & Communication

August 22, 2008 at Graduate School of Design, Gund Hall (Room 111)
Harvard University, 48 Quincy St., Cambridge, MA 02138

Generously supported by

Domenech, Hicks & Krockmalnic (Boston)
Institute for Sustainable Transportation (Stockholm)
ConnectIthaca (NYS), organizers of Podcar Cities II conference

8:30 Registration and Refreshments

9:00 Welcome **Charles W. Harris (Prof. Emeritus, Harvard GSD)**

9:10 Introduction **Lawrence J. Fabian (ATRA & Trans.21)**

Seminar Theme and Goals: Designing on a District Scale.
Larger Framework of Campus Infrastructure
Mobility Management: Timeframes and Human Resources

9:20 Trends in Smart Growth and Campus Planning & Design

Moderator: Charles Harris (Emeritus Prof. HGSD)

Armando Carbonnell (Lincoln Institute & HGSD)
Smart Growth and Global Warming

Richard Dober, Dober (Lidsky, Craig & Assoc.)
Opportunities Lost & Found in Smart Campus Mobility and Communication

Nader Ardalan (Harvard Middle East Studies, Ardalan Associates)
Sustainable Habitat: A New Paradigm

10:00 Break for Refreshments

10:20 A Summary of SUM: Smart Urban Mobility

Larry Fabian (Trans.21 & ATRA)

State-of-the-APM-Industry including Personal Rapid Transit (PRT)
Current Project and Technology Trends

10:35 Design Theory and Issues: Guidelines and Parameters

Richard Crappsley (Colin Buchanan Associates)
Design Philosophies and PRT

Seminar Team: Fabian, Harris and Roger Erickson, (Landscape architect)
PRT Elements and Their Physical Dimensions
Utilities and PRT: Opportunity for Infrastructure Coordination

11:25 Integrating Smart Mobility in the Urban Context

Shannon MacDonald (architect & ATRA)
Strategic Parking Design & Connections with Other Modes

Seminar Team: Fabian, Erickson & Harris
Institutional Setting, Environmental Factors, and Building Interfaces

*12:15 Lunch and Short Harvard Campus Tour,
led by Roger Erickson*

1:30 PRT Design Studies

MASDAR and other UAE Examples	Nader Ardalan
Daventry and other UK Examples	Richard Crappsley
Microsoft Campus (Seattle area)	David Maymudes
Boston's Longwood Area	Roger Erickson

2:25 Formation of Interest Groups

2:30 Break & Refreshments

2:45 Breakout Discussion Groups by Areas of Interest

N.B.: Select Note-taker and Rapporteur!

3:30 Reports Back by Rapporteurs and Discussion

4:00 Synthesis & Next Steps **led by Seminar Team**

Major themes and issues
Significant challenges and opportunities
Topics for research and further investigation

Guidance for the Seminar Proceedings

4:30 Conclusion(s)

Recommendations for ATRA, APA, AIA, ASLA, ASCE

TRB, ULI, UITP, Isocarp, Prospective 2100

Other professional groups?

Recommendations for the academic & research communities in Cambridge and Boston, and beyond?

Message for “Podcar City-II,” Ithaca, NY, Sept 14-16?

www.podcar.org/ithacaconference2008