The 5th Japan-China Joint Seminar on City and ITS

Low Carbon Urban Planning and Transportation Policies
Seminar  23 August, Sunday
Faculty Club, Hiroshima University

09:00~09:10 Welcome address

09:10~11:10 Session 1: Climate Change and Low-Carbon Society
A.Fujiwara Yoshitsugu HAYASHI: What is wrong with transport as a contributor to climate change?
Noboru HARATA: Scenario analysis to low-carbon society: Commuting OD minimization and short car trip reduction
XiuShan JIANG: Analysis of changes in energy consumption and main factors on a complete decomposition model
Sudarmanto Budi NUGROHO: Impact assessment of BRT implementation on ambient ozone concentration near TransJakarta corridors

11:10~11:20 Break

11:20~12:20 Session 2: Smart Planning of Transportation Network (1)
N.Harata Shoshi MIZOKAMI: A network reorganization planning method of urban bus systems
JiangQian YING: A comparison between Japan and Britain’s railway systems

12:20~13:20 Lunch

13:20~14:20 Session 3: Smart Planning of Transportation Network (2)
N.Harata ZhongZhen YANG: Study on the competition and marketing strategy of road-passenger-transport-based express in China
Yoshiki NAKAJIMA: Empirical analysis of railway smart card data

14:20~16:20 Session 4: Safety and Security
Z. Yang RuiMin LI: Incident duration model on urban freeways based on classification and regression tree
Ryosuke ANDO: System acceptability of DSSS (Driving Safety Support Systems) based on demonstration experiment in Toyota City
Jing SHI: Drivers’ route choice behavior on the provision of traffic information

16:20~16:30 Break

16:30~18:20 Session 5: Innovative Methodology
Y. Asakura HuaPu LU: Short-term traffic flow forecasting based on non-parametric regression and its application in Beijing
ZhengJiang SHEN: Simulating spatial market share patterns for impacts analysis of large scale shopping center on downtown revitalization
Hiroshi SHIMAMOTO: A transit assignment model incorporating the correlation of vehicles’ arrival
Masashi KUWANO: A copula-based simultaneous-equation model of car ownership and usage behavior

18:20~18:30 Closing ceremony

19:00~ Banquet

Technical Visit  24 August, Monday
Hiroshima Urban Transport

09:00 Departure from Hiroshima University

18:30 Arrival at Hiroshima University

Organizers: HICEC and ASMO
Center of Hiroshima University

Co-organizers: IDEC of Hiroshima University, Toyota Transportation Research Institute

Sponsors: Electric Technology Research Found of Chugoku, Toyota Motor Corporation

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