2011 IEEE Forum on Integrated and Sustainable Transportation Systems

(FISTS 2011)

Vienna, Austria
29 June – 1 July 2011
R1A
Innovative Energy Management (Regular Session)

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Davila Gonzalez, Emilio

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Spence, Angela

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               Reuleke, Ralf German Aerospace Center  
               Hausburg, Matthias TU Berlin, Deutsches Zentrum für Luft- und Raumfahrt |
| 10:00-11:00 | R2E.4       | Analysis of Route Choice Behavior Using Frequent Routes, pp. 79-84.   | Li, Man Hitachi (China) R&D Corp.  
               Zhang, Yuhe Hitachi (China) Res. & Development Corp.  
               Wang, Wenjia Hitachi (China) Res. & Development Corp. |
               Liou, Han-Tsung National Cheng Kung Univ. |
| 10:00-11:00 | R2E.6       | ZigBee/IEEE 802.15.4 and GPS Application for Traffic Management and Traffic Data Collection and Analysis*. | Tangai, Shankar DELPHI AUTOMOTIVE SYSTEMS PVT LTD, Tech. Center India, Bangalore - 560066. |
| 10:00-11:00 | R2E.7       | The Influence of Environmental Factors on Speed Choice, pp. 91-96.    | Aarts, Letty SWOV Inst. for Road Safety Res.  
               Brandenburg, Stefan Berlin Inst. of Tech.  
               Van Nes, Nicole SWOV Inst. for Road Safety Res. |
| 10:00-11:00 | R2E.8       | Methodology Design for Quantitative Analysis of the Potential of Electric Vehicle Utilization, pp. 97-102. | Hauksson, Gunnar Petur Reykjavik Univ.  
               Stefansson, Hlynur Reykjavik Univ.  
               Valfells, Agust Reykjavik Univ. |
| 10:00-11:00 | R2E.9       | Identifying Faulty Traffic Detectors with Floating Car Data, pp. 103-108. | Widhalm, Peter Austrian Inst. of Tech.  
               Koller, Hannes Austrian Inst. of Tech.  
               Ponweiser, Wolfgang Austrian Inst. of Tech. |
| 10:00-11:00 | R2E.10      | Self Evaluation of Floating Car Data Based on Travel Times from Actual Vehicle Trajectories, pp. 109-114. | Kuhns, Günter German Aerospace Center  
               Ebendt, Rüdiger German Aerospace Center  
               Wagner, Peter Deutsches Zentrum für Luft- und Raumfahrt e. V. (DLR)  
               Sohr, Alexander German Aerospace Center  
               Brockfeld, Elmar Inst. of Transport Res. |
               Bogdan, Paul Carnegie Mellon Univ.  
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| 10:00-11:00 | R2E.12      | Using K-Means Clustering to Improve Traffic Signal Efficacy in an IntelliDriveSM Environment, pp. 122-127. | Datesh, Jay Univ. of Virginia  
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               Smith, Brian L. Univ. of Virginia |
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ICOOR (Interuniversity Consortium for Optimization and Operations)
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High Tech. Marketing
Boehm, Martin  
AustriaTech-Federal Agency for Tech. measures LTD.

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Univ. of Texas Austin
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Ladeira, Maria Cristina Molina  
Empresa Pública de Transporte e Circulação - EPTC and Univ. Federal do Rio Grande do Sul - UFRGS

Ariotti, Paula  
Empresa Pública de Transporte e Circulação - EPTC

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Lia, Federico  
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Lin, Jie (Jane)  
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Chiu, Yi-Chang  
Univ. of Arizona

Bai, Song  
Sonoma Tech. Inc.

Vallamsundar, Suriya  
Univ. of Illinois at Chicago

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Cheng, Huan  
Transportation Res. Center of Beijing Univ.

Yang, Xiaokuan  
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Sustainable Speed Management in Small Rural Communities, pp. 215-220.

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- Kraschl-Hirschmann, Karin

*Disclaimer: The asterisk (*) next to titles indicates that these papers are focused on specific aspects or case studies within their respective areas of research, providing insights into innovative methodologies or practical applications.**
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Aoki, Keiji  
Japan Automobile Res. Inst.

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Hirai, Hiroshi  
Japan Automobile Res. Inst.

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Horiguchi, Ryota  
i-Transport Lab. Co., Ltd.

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Japan Automobile Res. Inst.

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Iowa State Univ. USA  
Sperry, Bob  
Iowa State Univ.  
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Iglesias, Isabel  
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- Brennan, Daniel  
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- Aigner, Walter  
  High Tech. Marketing  
- Schildorfer, Wolfgang  
  High Tech. Marketing

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- Gupta, Abhinav  
  BITS,Pilani  
- Gunjal, Varad  
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- Larsson, Aron  
  Stockholm Univ.  
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  City of Stockholm  
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- Jesty, Peter  
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- Bauernfeind, Roland  
  Univ. der Bundeswehr München  
- Krämer, Isabelle  
  Univ. der Bundeswehr München  
- Beckmann, Hanno  
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