

## Final report of UHH-KU fund for ECR program

### Section 1

<b>Applicant (at the time of application, i.e. supervisor of the visiting researcher or the visiting researcher themselves)</b>	
Name	JAN-DIRK SCHMOCKER
Job title	Associate Professor
University	Kyoto University
Affiliation	Faculty of Engineering, Department of Urban Management, Intelligent Transportation Systems Group

### Section 2

<b>Visiting researcher (if different from the above)</b>	
Name	YIHE ZHOU
Job title	Master's student
University	Kyoto University
Affiliation	Department of Urban Management

### Section 3

<b>Host researcher</b>	
Name	StefanVoß
Job title	Professor
University	University of Hamburg
Affiliation	the Institute of Information Systems

### Section 4

<b>Summary of the project (approx. 200 words)</b>
<p>*KU visiting researchers are required to submit a summary of the project in Japanese in addition to the English summary (approx. 400 characters).</p> <p>This project offered Ms Zhou a valuable chance to exchange research and knowledge with the host group and through the discussions the link between the two research groups has been strengthened. Ms Zhou's Master and PhD research has been fare policies for public transport systems. She is investigating the feasibility of novel fare structures such as a "premium ticket" that allows users to take alternative modes free of charge if the public transport service is delayed. During the visit, she shared her research with the host group members through presentations and informal discussions. The implementation feasibility of such a policy was discussed. Also differences in the Japanese and German fare policies were a topic. In depth discussions with Prof. Voss were held on the future work and possible extensions of the ongoing research. Further, some related literature has been investigated and discussed, especially on the topics of dynamic pricing. Based on that, potential cooperation could be expected. The visit also offered Ms Zhou a chance to investigate and experience the public transport system of Germany and compare it with the system of Japan. Additionally, this project allowed her to have a broader horizon through the communications with researchers from various backgrounds and develop links with the them.</p>



このプロジェクトは、ホストグループと研究や知識を交換する貴重な機会を提供してくれます。議論を通じてグループ間のつながりが強化されました。周さんの研究課題は公共交通機関の運賃政策でした。彼女は、公共交通機関のサービスが遅れた場合に乗客が無料で別の交通手段を利用できる「プレミアムチケット」などの新しい運賃戦略の実現可能性を調査しています。訪問中に彼女は、運賃戦略の実現可能性や両国の運賃政策の違いなどについて、ホストグループのメンバーと議論しました。さらに、将来研究の課題点について、Voss 教授とより深い議論を行いました。特に動的価格設定に関して関連文献調査の上、議論されていました。それを踏まえて将来の協力が期待できます。このプロジェクトの期間中に私もドイツの公共交通システムを調査し、日本のシステムと比較しました。また、このプロジェクトではさまざまな研究者とのコミュニケーションを通じて視野を広げ、彼らとのつながりを築くことができます。