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2016

### **document version**

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### **citation for published version (APA)**

Huang, J. (2016). *Topics on social and economic networks*. Tinbergen Institute.

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Jia-Ping Huang

## Topics on Social and Economic Networks

This dissertation contains four independent studies on applications of social and economic networks. Social connections between agents are represented as links between nodes in a network structure, which is taken as given in each study. We investigate various effects caused by the interaction of decision makers, including non-monotonic dynamics of adopting behavior of innovation, coordination under restricted communication, wisdom of crowds with structural variability, and cost sharing of cleaning a polluted river among regions in the basin of the river network.

Jia-Ping Huang was born in Changchun, China. He started studying in Japan when he was sixteen as a high school student. In 2011 he took his first Ph.D. degree in engineering from University of Tsukuba. After a short postdoc period he joined VU University Amsterdam to start his second Ph.D. research in economics. His research interests include social networks, game theory and applied stochastic processes.

Topics on Social and Economic Networks  
Jia-Ping Huang

