At the Chair of Logistics and Supply Chain Management of TUM School of Management we are looking for an interested and qualified student to conduct his/her Master Thesis on the topic: Using Event Studies to Investigate Value Creating and Destroying Supply Chain Incidents

Since Hendricks and Singhal’s pivotal research contributions, event studies became a well-established research method in the SCM arena. Stock price reactions were often examined - particular in the U.S. - in response to supply chain glitches, excess inventory, strategic alliances, sustainability efforts etc. The thesis seeks to investigate a set of supply chain (SC) incidents, which are of particular interest of German Chief Supply Chain Officers and financial analysts. Which events do matter (or not) to shareholders (or other stakeholder) - in the short run and on a long-term horizon? To what extent do SC-related incidents in developing regions (e.g., Mainland China) influence local stock price returns? First, the state-of-the-art in SC-related event studies is to be critically evaluated. Second, event studies shall be carefully designed and efficiently conducted (including advanced statistical tests; eventually also association studies). Insights are expected through integrating primary data (e.g., surveys) and secondary data (e.g., conference calls, econometric data). Datastream, Thompson Reuter and similar data bases are available. A tool for event study methodology will be provided.

Selected research tasks:

- to evaluate event study methodology
- to assess the relevance of events with a survey instrument among practitioners
- to analyze short-term and long-term stock market reactions to certain supply chain events
- to apply advanced statistical methods
- to explore the value of analyzing information from different data sources

Requirements:

This Master thesis is particularly suitable for a student with a strong interest in the overlapping field of supply chain management and investment banking. Event study experience through work or study is a strong plus. Interest to dive into statistical methods is expected. The thesis is to be written in English.

Begin: summer semester

Advisor: Dr. Martin Stößlein (martin.stoesslein@wi.tum.de)

For further questions and selected literature on the topic, please see me in room 1547. Please send your application together with your curriculum vitae, transcripts of records, and a short research design with no more than 2 pages (pls propose recent manuscripts to investigate and specific events to analyze) by email.