The Full Professorship Financial Accounting (Prof. Dr. Jürgen Ernstberger) offers in cooperation with Datarella GmbH the following IDP (interdisciplinary project):

**Blockchain on the Bleeding Edge: Compliant Security Token Offerings**

Blockchain technology has promised a paradigm shift in how we transact with one another including improved transparency, immutability, network resiliency and decentralization for everyday business processes. The ICOs of 2017-2018 were, however, pretty much radioactive for most large companies. ICOs were prohibitively risky because there was no compliance layer to keep bad actors from committing fraud. A second generation of token sales, often referred to as Security Token Offerings (STO), is coming. Compliance, anti-money laundering, know-your-customer requirements and GDPR will all be baked in and we need your help to build them.

In this IDP, you will focus on determining the readiness for market of an next generation security token compliance protocol called swarm.fund. Protocol testing, connection to the Market Access Protocol APIs and the building of a reference implementation built on top of the Swarm SDK are all desired outcomes.

**YOUR RESPONSIBILITY**

We are looking for a group of 2 - 4 students working in full- or part-time. The project starts asap. We expect you to work independently with regular touchpoints and guidance. We will recommend curriculum modules to support your project work. You do not have to match the profile exactly. Be hungry, smart, gritty and adventurous.

**YOUR PROFILE**

- Strong analytical and project management skills
- Ability to work independently
- Programming skills: JavaScript, C++ or Go, solidity is a plus
- Blockchain: Familiarity with Ethereum and Stellar is a plus
- Interdisciplinary approach: The project goal is to learn how close to market ready swarm.fund technology really is. Ability to draw business conclusions based on technical testing is critical.

**WE OFFER**

- Good atmosphere, open dialogue and support
- Experience in successfully managing student projects, awesome start-up

**CONTACT**

Please send your application, including CV and transcript of records to Stephan Romeike (stephan.romeike@tum.de). In case of questions do not hesitate to contact us.