

# Workshop 2: Building Blocks & Economical Implications of The Internet of Actors

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## 1 Scope

The intra- and inter-company work models change from classic, pre-defined, inflexible business processes to agile value creation networks. Human, machines and software components collaborate in an integrated and coordinated way to fulfill their objectives. This necessitates a new dimension of agility, speed of transformation and individuality. We strongly believe that we need an open network of self-coordinating, modular components that offer full-fledged interoperability to tackle these challenges on the way to autonomous software systems. These components can be called Smart Actors and are the basic building blocks of a Peer-to-Peer Agile Value Creation Network.

At the same time such a network will offer an economic alternative compared to the classic, centralized platform models of the current IT-industry.

In this workshop, we present & discuss the methodology, the modular concept, the economical implications and the foundation of the Internet of Actors (IoA). The IoA will reduce complexity, programming efforts and unclear interfaces. It is going to be an enabler for agile, decentralized, self-coordinating value networks, acting as catalyst for the Internet of Things, Digital Transformation and Industry 4.0.

## 2 Topics of Interest

This is a discussion-based workshop. We gladly invite participants to discuss the concept of the Internet of Actors and its technical & economical implications.

First we'll present the topics using the whitepapers „The Internet of Actors - A Peer-to-Peer Agile Value Creation Network“ & „The economics of the Internet of Actors“ and then facilitate the discussion and the exchange of opinions & views using Open Discussion techniques and a World Café.

