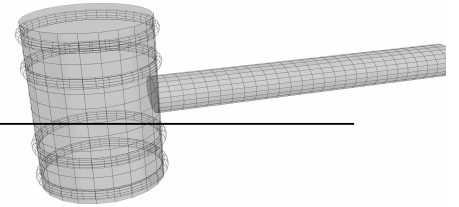


# Competence center **Combinatorial Auctions**



## Combinatorial Auctions

Combinatorial Auctions help to express synergy potentials in product and services sales and procurement processes. Bidders can communicate prices for various desired combinations of products and services based on their interdependent valuations. In connection with a sophisticated winner-determination-mechanism the auctioneer creates better allocations, leading to added value for both, sellers and buyers.

## Competence Center

Due to their complexity, the deployment of Combinatorial Auctions requires cooperation between the research community and the business partners. The Competence Center Combinatorial Auctions (CCCA) aims to transform latest research into easy to use, robust business applications. As part of Frankfurt University, CCCA provides the following software and services:



## XML-Framework

Combinatorial Auction Meta Language (CAMEL) is the first XML-based framework that generically describes Combinatorial Auctions. It enables CCCA users to design auction templates for different industry sectors. CCCA will launch web-service based software, which can automatically deploy CAMEL templates and provide the management of the entire auction process.

## Application ready auction scenarios

Real auction scenarios have been developed and tested to provide application ready scenarios. Using specific templates, i.e. for transportation services, CCCA designs auctions, which exactly match your business perspective.

## Detailed documentation

Detailed documentation and implementation guidelines help the auction team build successful solutions and reduce implementation costs. Additionally, CCCA provides intensive support during the entire auction deployment phase.

■ Logistics services

■ Procurement

■ Financial markets

■ Human resource

■ Real estate



INTERNET  ÖKONOMIE



**Competence Center  
Combinatorial Auctions**

**Johann Wolfgang Goethe University  
Institute of Information Systems  
D-60325 Frankfurt (Germany)  
Phone +49 69 79828679  
Fax: +49 69 79828585**

[schwind@wiwi.uni-frankfurt.de](mailto:schwind@wiwi.uni-frankfurt.de)  
[www.combinatorial-auction.de](http://www.combinatorial-auction.de)