

## عنوان مقاله:

(An Internet-based Communication-System for Project Supervision in Civil Engineering (BauKom-Online

## محل انتشار:

ششمین کنفرانس بین المللی مهندسی عمران (سال: 1382)

تعداد صفحات اصل مقاله: 7

## نویسندگان:

,Uwe Rüppel - *Professor of Informatics in Civil Engineering*

,Thomas Klauer - *Institute of Numerical Methods and Computer Science in Civil Engineering*

## خلاصه مقاله:

The increasing demands in the building industry on planning, constructing and operating of buildings require economical improvements of the value-added chain. These can be realized mainly by the usage of innovative information- and communication- technologies to support the collaboration of all participants involved in a certain building project. At this, the enhancement of the cost guaranty in building projects is a major requirement in planning, constructing and operating. Through the connection of document based approaches during the building design to engineering expert-models on the BauKom-Online Internet platform the formation of semantic relationships between the up to now mostly separately managed fields of building structure, costs and workflow-management becomes possible. As an implementation approach a trade-comprehensive Framework has been developed. With that the effects of planning modifications onto other specialist information can be estimated trade-comprehensively so that the consistence of the planning information can be optimized within the system and the cost safety can be increased.

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1118>

