

Preamble

The machining and manufacturing of natural stone and of stone-like construction materials are expanding businesses. Concrete drilling and sawing companies as well as granite and marble machining businesses are facing increasing demands for their products and services.

Additionally, there is a need for basic scientific research concerning tool materials, manufacturing process and the interaction between the tool and the work piece material. Therefore, the cooperation and interaction between stone processing and tool producing companies is of great importance. This conference addresses experts from industry and research to present and discuss current developments around the machining and the processing of stone and concrete in industrial applications, as well as the progress in the development of tool materials and surface engineering. Beside this there is a special focus on mechanisms of abrasion and the development of abrasion resistant materials.

The conference is organized by the Institute of Materials Technology (LWT) of the Ruhr-Universität Bochum, The Institute of Materials Engineering (LWT) of the TU-Dortmund and the Institute of Production Engineering and Machine Tools (IFW) of the Leibniz Universität Hannover.

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