

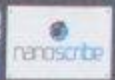




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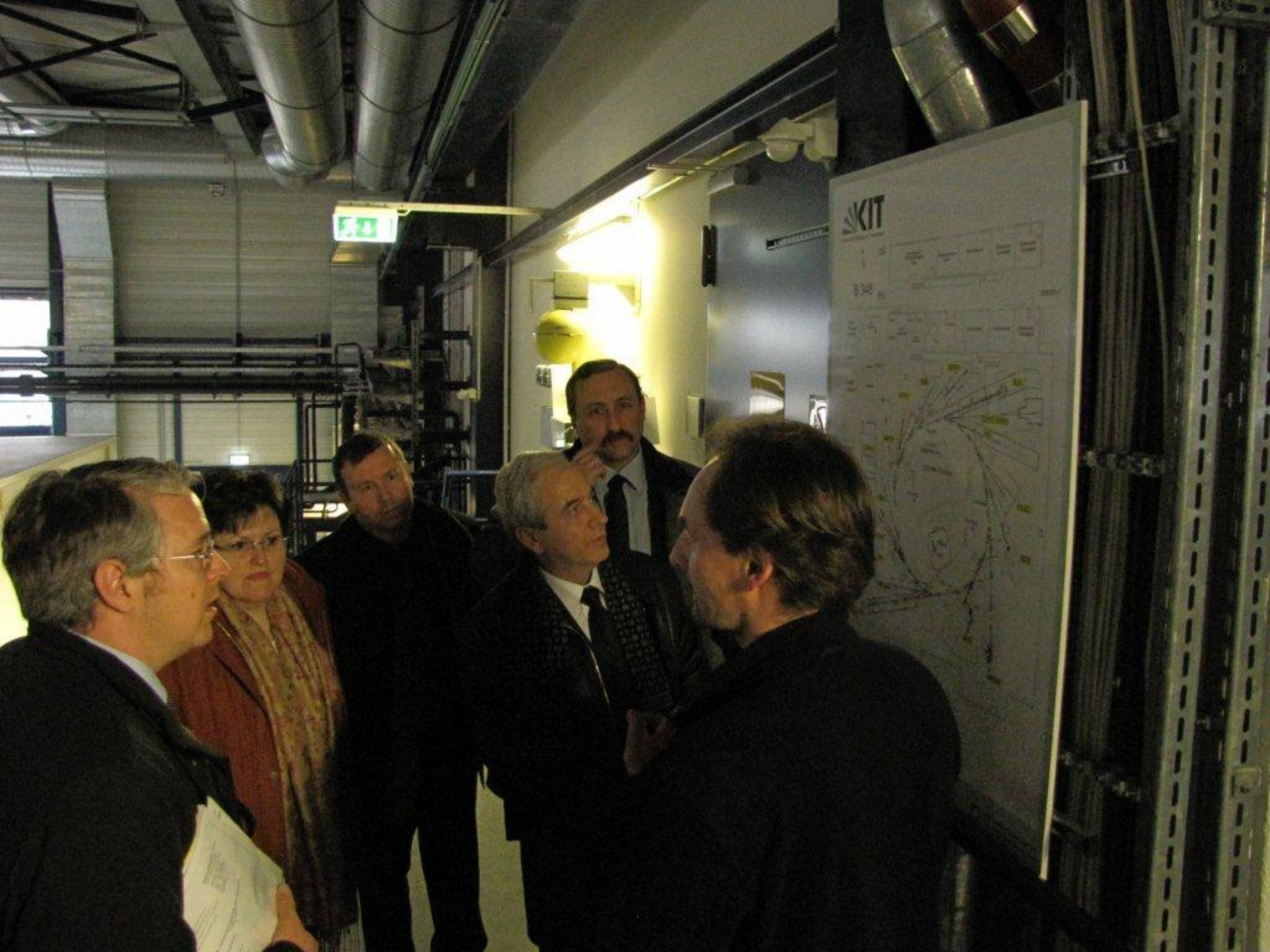




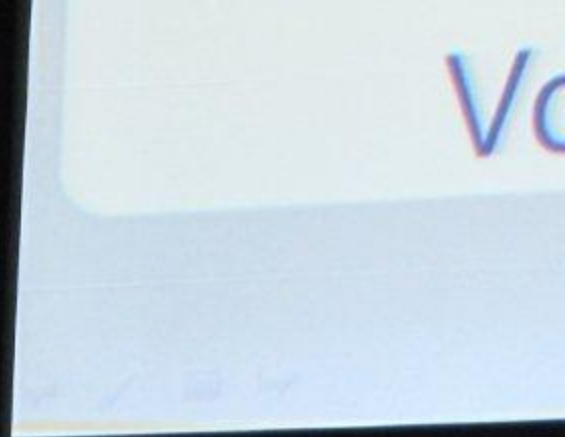
TITAN

EDAX











■ Dr. Andreas Gutsch - Koordinator Competence E





Processing of Highly Concentrated
• volume fraction $\phi = 70\%$, quasi monodisperse
• easily flowing during processing and cooling, swelling ratio $\lambda > 1$
• stable under storage and processing

Advantages

- Economy: higher time space yield in synthesis, reduced storage and transportation cost
- Ecology: reduced energy consumption in industrial coating processes
- Technology: increased flexibility in formulation like bottom-up e.g. for processing of ceramics

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