

Graduate School  
of Production Engineering and Logistics



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**DEBRIS AND MUD FLOWS:  
ARE WE ASKING THE CORRECT QUESTIONS ?  
WHAT ARE THE DEFICITS ?**

*Guest Lecture*

***Wednesday, 01.02.2006, 15.00, MB I, Campus Nord, E21***

Debris and mudflow prediction is founded upon stochastic and deterministic input components. Both need major improvement for reliable diagnostic analyses with efforts on all levels: field observation / measurement, laboratory simulation, physical – mathematical and computational modelling at the highest level of expertise from applied geology to pure mathematics. With all these goals achieved, prognostic forecast remains still unlikely. We scrutinize and analyse deficits in current formulations and point at possible avenues of improvements.

