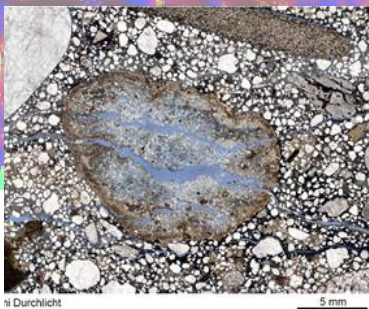


# Geowissenschaftliches Kolloquium

## ***Cementitious binding components in concrete: recent developments and relevance for durability***

Donnerstag, 6. Juni 2019 - 16.15 Uhr



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Bundesanstalt für Materialforschung und -prüfung

In the research field of cementitious materials, my primary focus is on durability. The whole array of issues surrounding damage mechanisms strongly desire expertise from geo or material science. Both subjects, improving materials properties and understanding damage processes, require a deep insight into the causes why some materials perform better than others. As introduction to the matter, my talk will give an overview of recent trends in cementitious binders. This leads us to the mechanisms of functioning of such binding systems and to potential risks for durability.



- 1986 Dipl.-Min. Applied Mineralogy, University Bonn
- 1986-1998 Institute for building research (ibac), RWTH Aachen
- 1993 PhD: Inter-relation between pore structure, transport phenomena and damage mechanisms
- 1998-2001 Research institute of the German cement industry, Düsseldorf
- Since 2001 BAM, head of division „building materials“

Layout: FUB Geopal Vanessa Skiba, 20190516

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