Department of Computer Science
Research Focus
"Intelligent Formal Systems"

TECHNISCHE UNIVERSITÄT DRESDEN

Colloquium

Within the seminar of the Research Focus, the Ph.D. programme "Specification of discrete processes and systems of processes by operational models and logics" presents a talk by

Prof. Grigori Mints
Department of Philosophy
Stanford University, USA

about

"Dynamic Topological Logic"

Abstract: Dynamic Topological Logic provides a context for studying the confluence of the topological dynamics, topological semantics for modal logic and temporal logic. Let a dynamic topological system be a topological space X together with a continuous function f on X. Modality is interpreted as topological interior and the temporal connective "tomorrow" models f. Dynamic topological logics are the logics of dynamic topological systems, just as S4 is the complete logic of topological spaces.

There are many interesting results, but even more open problems.

Date:	21.06.2005
Place and time:	Willersbau, Room: WIL C129, 1.15 pm

All interested persons are invited to attend!

Prof. Dr.-Ing. habil. Heiko Vogler