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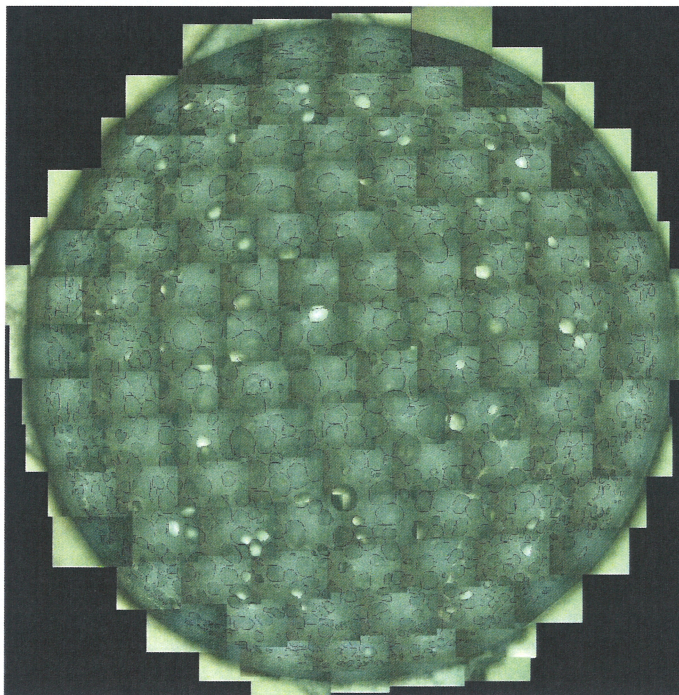
Bielefeld, 10.10.2016

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Research report for the qualitative description and quantitative ascertainment of the active surface of a MUTAG BioChip™

Within the scope of a research and development assignment, the work group "thin layers & physics of nanostructures" of Prof. Dr. Andreas Hütten determined the active surface of a Mutag BioChip™.

The active surface of the Mutag BioChip™ consists of pores which partially pervade the entire Mutag BioChip™:



The analyses of the ascertained measurements are based on modeling the pores by cylindrically shaped 3D-objects. As a result, one cubic meter (1 m^3) of this Mutag BioChip™ has an active surface of $4,850.0 \text{ m}^2$.

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