



**Prof. Dr. Gerd Binnig**  
**Founder and Head of Research**

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Nobel Prize Winner Prof. Dr. Gerd Binnig is the Founder and Head of Research of Definiens.

In 1986 Prof. Binnig - along with his colleague Prof. Heinrich Rohrer - was awarded the Nobel Prize in Physics for his work in scanning tunnelling microscopy. Prof. Binnig and Prof. Rohrer were recognized for developing the powerful microscopy technique, which can form an image of individual atoms on a metal or semiconductor surface by scanning the tip of a needle over the surface at a height of only a few atomic diameters.

Born in Frankfurt, Germany, Prof. Binnig studied at the J.W. Goethe University in Frankfurt, where he received his bachelor's degree in 1973 and his doctorate degree in 1978. That year he joined a physics research group at IBM's Zurich Research Laboratory. Prof. Binnig was assigned to IBM's Almaden Research Center in San Jose, Calif. from 1985 to 1986, and was a visiting professor at Stanford University from 1987 to 1988.