

Personal Information

Full name	Andreas Heinrich	
Current position	Researcher	
Organization	IBM	
Country	USA	

Short Biography

Heinrich is a world-leading researcher in the field of atomic-scale science in solids. He pioneered spin excitation spectroscopy with scanning tunneling microscopes – a method that has provided high-resolution access to the quantum states of atoms and nanostructures on surfaces. He has a track record of outstanding publications and invited talks and has established a strong network of global collaborations. Through Heinrich's leadership role in IBM Research he is uniquely positioned to bridge the needs of industrial research and the academic world. Heinrich is a frequent presenter to corporate and political leaders, such as the president of Israel, top US and European government officials as well as top corporate leaders including the IBM Board of Directors. Heinrich's work has received extensive media coverage worldwide.