

Wolfgang Losert Bio:

Dr. Losert received a Diploma in Applied Physics in 1995 from the Technical University of Munich, and a Doctorate in Physics from the City College of the City University of New York in 1998. He is currently Associate Professor of Physics at the University of Maryland and co-founder and Director of the University of Maryland-National Cancer Institute Partnership for Cancer Technology.

Dr. Losert's research group studies the dynamics of living systems, with a focus on new approaches to measure and understand the spatial patterns and dynamics of cells and tissues. A particular aim of the work is to better understand the physical characteristics of cancer, such as the shape, dynamics and heterogeneity of cancer cells. Through his research, Dr. Losert contributes novel approaches to harness the emerging abundance of quantitative data in biological and medical research.