

## **Dr. Joachim Krieger**

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Joachim Krieger obtained his BA at Harvard University in 1999 and his Ph. D. at Princeton University in 2003.

After 3 years as Benjamin Peirce Assistant Professor at Harvard University, he became Tenure Track Assistant Professor at the University of Pennsylvania, attaining tenure in 2009. In 2010 he moved to EPFL, where he has been Full Professor since 2014.

He was the first Calabi Assistant Professor at UPenn, received a Sloan Fellowship in 2008, and became Fellow of the AMS in 2016.

Title: Recent developments on type II singularities for dispersive PDE

Abstract:

I will discuss recent results on various type II singularity formations for different dispersive PDE, illustrating some apparently universal mechanisms. These results are sometimes in stark contrast to the parabolic counterparts of these equations.