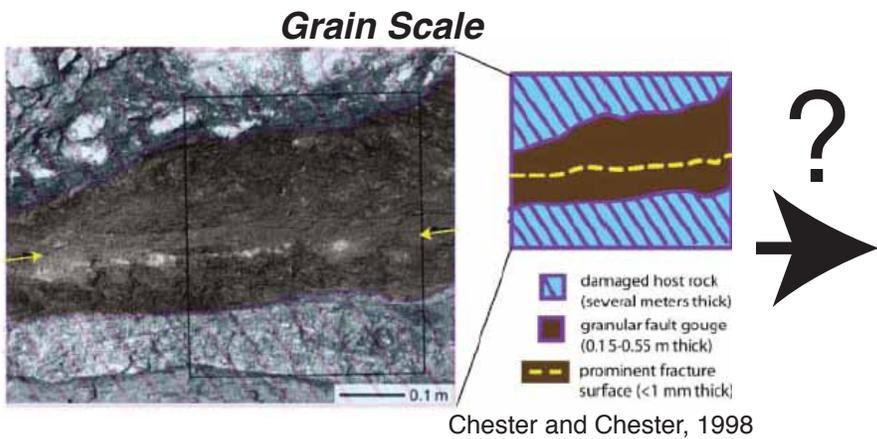
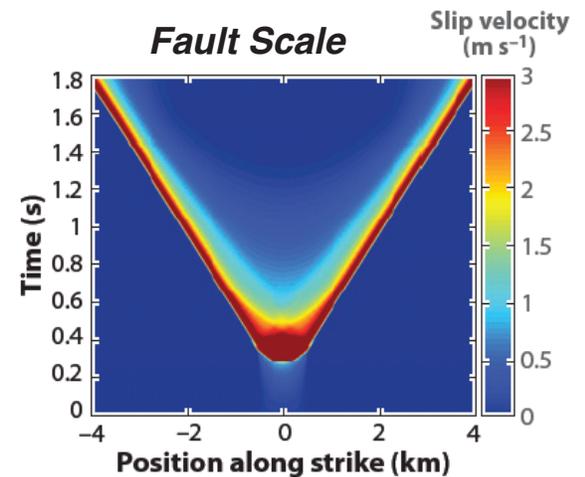


# The physics of strain localization in dynamic earthquake rupture simulations

How does grain-scale deformation affect fault-scale earthquake rupture?



How do we develop physical friction models that capture the dynamics of strain localization?



What are the implications for rupture dynamics?

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