

# Reconstructing dynamic from gravitational wave signals

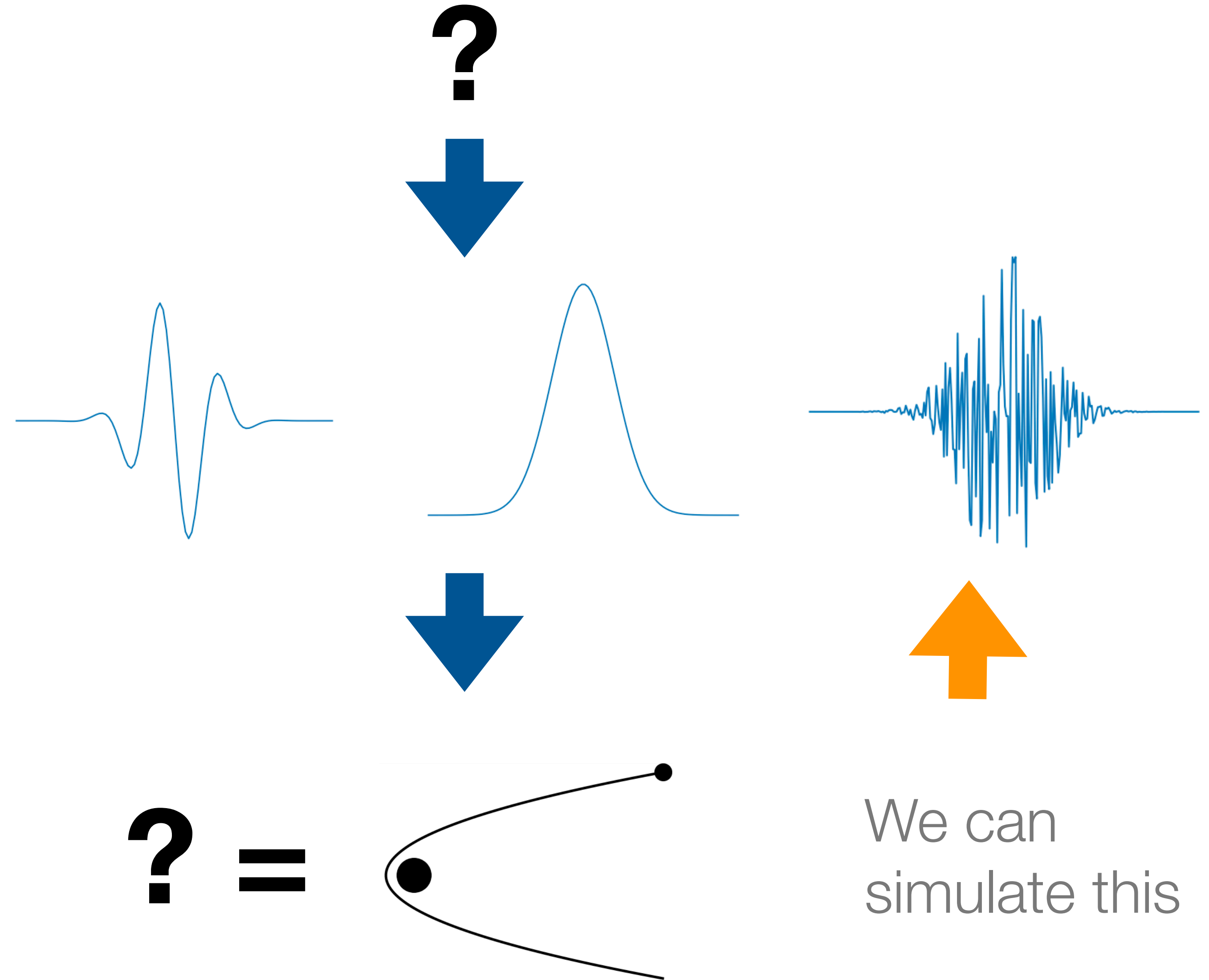
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Often burst gravitational signals do not have clear waveform models.

What information about the source can we recover from the gravitational wave signal alone?

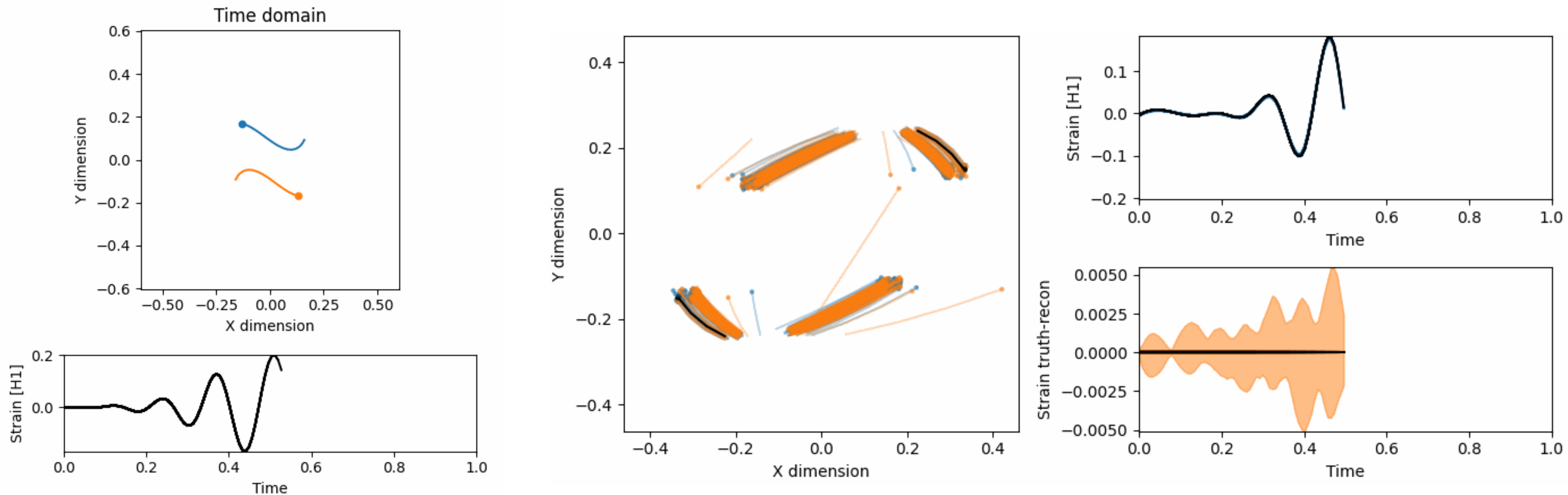
We aim to reconstruct the mass dynamics of the system:

- masses
- spatial position of masses



# Models

We simulate lots of random non physical motion and can reconstruct physical motions.



If you're interested come and see my poster.

**Poster number 115.**

**See here for  
animations.**

[https://github.com/  
jcbayley/massdynamics](https://github.com/jcbayley/massdynamics)

