

2005 - THE BREAKTHROUGH YEAR

- Stable formulations of Einstein's equations found (Generalized Harmonic Gauge & BSSN)
- Good coordinate choices found
- First stable evolution of binary black holes achieved (Pretorius, 2005)
- Simpler ways of handling BH interior found (moving "puncture" approach)
- Numerical Relativity takes off!

ERIK WESSEL

SCALE 22X

GRAVITATIONAL WAVE ASTRONOMY

