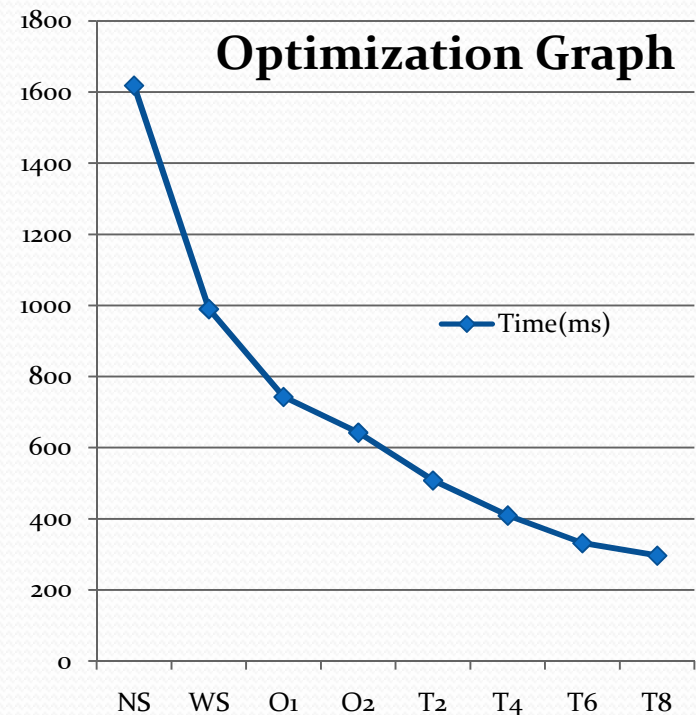


# Siwir2 Seminar

- Karnajit Sen , Ramyar Biniazan

What we have done:

- Aligned Memory Allocation
- Padding and anti-aliasing
- Loop unrolling
- Loop fusion
- AVX intrinsic
- Modularized Code
- Exploited Symmetry of the domain w.r.t X-axis
- OpenMP Parallelization
- Some more optimizations.



Hmm!!! 290 ms. We are not the fastest group. What else can we do?



- It seems there is some symmetry about Y-axis too.
- More use of spatial locality
- North and South Grid points are bad!!!
- Can we change Grid object to calculate future data?
- Move to MPI from OpenMP.