Fran Allen

4/8/32 –

**Optimizing Compilers**
Allen pioneered the field of optimizing compilers. She introduced the application of graph theory to program optimization.

**Parallelizing Compilers**
Allen pioneered the development of automatic parallelizing compilers, with the development of PTRAN, a parallel compiler for FORTRAN.

**Turing Award 2006**

*For things that we have to learn to do, we learn by doing them.* – Aristotle