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