Locus Approach

- Baseline code: defined by the developer, no platform- or compiler-specific optimizations

- Annotated regions of interest (i.e., code regions)

- Program the application of the optimizations for each code region

Locus System

Annotated Source Code

```
#pragma @Locus loop = matmul
  for (i=0; i<M; i++)
    for (j=0; j<N; j++)
      for (k=0; k<K; k++)
      C[i][j] = beta*C[i][j]
                + alpha*A[i][k]*B[k][j];
```