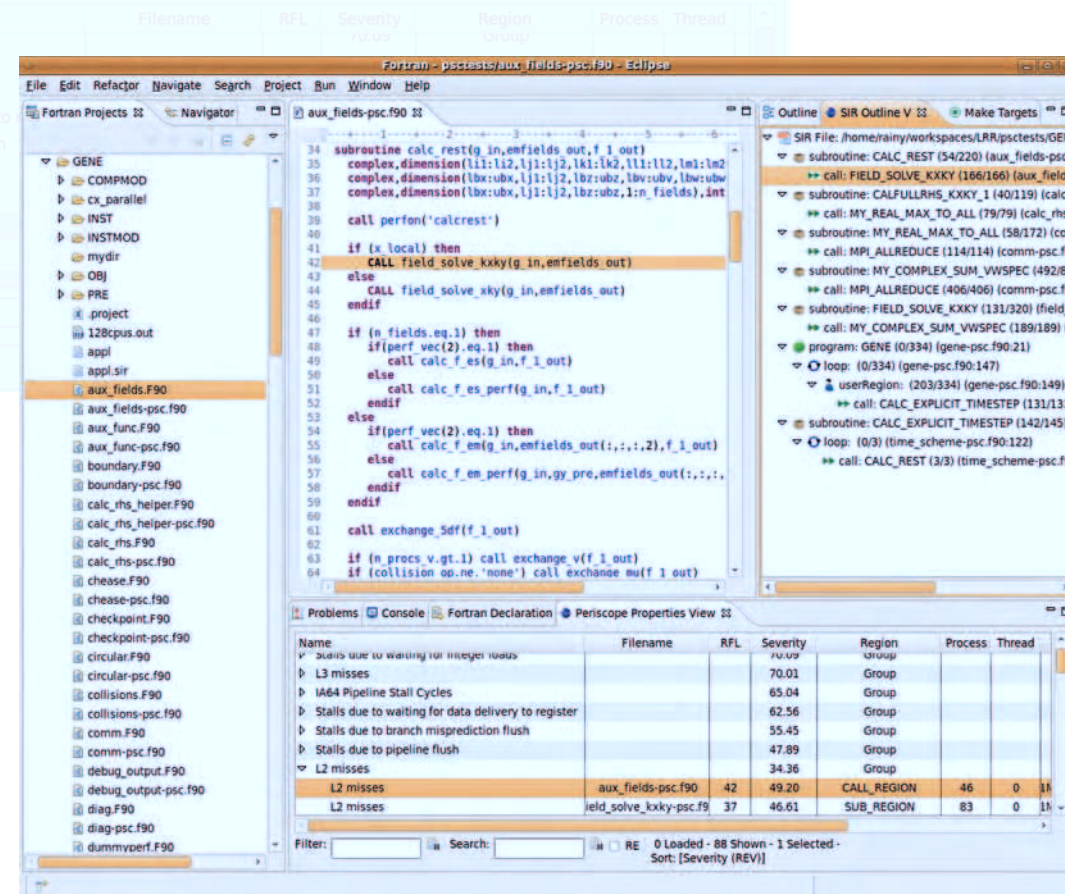


Emerging from the Virtual Institute – High Productivity Supercomputing, a collaboration of leading German HPC tool builders, the goal of the SILC project is the design and implementation of a scalable and easy-to-use performance measurement and monitoring infrastructure for supercomputing applications. The infrastructure will serve as a common basis for the performance tools Vampir, Scalasca, and Periscope, which are developed by research groups in Dresden, Jülich, and Munich, respectively. Vampir is an interactive trace browser whose particular strength is the detailed visualization of the interactions between the different processes of a parallel program, offering highly flexible views

For more information see  
<http://www.vi-hps.org/projects/silc/>



The screenshot displays the Cube 3.0 QT application interface for analyzing MPI performance. The top menu bar includes 'File', 'Display', 'Topology', and 'Help'. Below the menu bar is a toolbar with icons for various functions. The main workspace is divided into three panels:

- Metric tree (Left):** A hierarchical tree view showing execution metrics. The selected item is '2557.64 MPI\_Waitall'.
- Call tree (Middle):** A hierarchical tree view showing function calls. The selected item is '2557.64 MPI\_Waitall'.
- Peers percent (Right):** A view showing the distribution of MPI\_Waitall calls across different MPI ranks, represented by three heatmaps.

The bottom status bar indicates the selected item is '2557.64 MPI\_Waitall'.