

# Virtual Institute – High Productivity Supercomputing

Partnership to develop advanced programming tools for complex simulation codes

## Goals

Improve code quality  
Speed up development

## Activities

Development & integration of HPC programming tools

- ✖ Scalable
- ✖ Easy to use

### Service

- ✖ Support email lists
- ✖ Application engagement

Bring-your-own-code tuning workshops

- ✖ 3-5 days
- ✖ Overview of tool suite
- ✖ Functionality of individual tools
- ✖ Hands-on experience & expert assistance using the tools

Academic workshops especially for young scientists

ESPT/ProTools workshop series in conjunction with Supercomputing (SC) conference

More information  
[www.vi-hps.org](http://www.vi-hps.org)

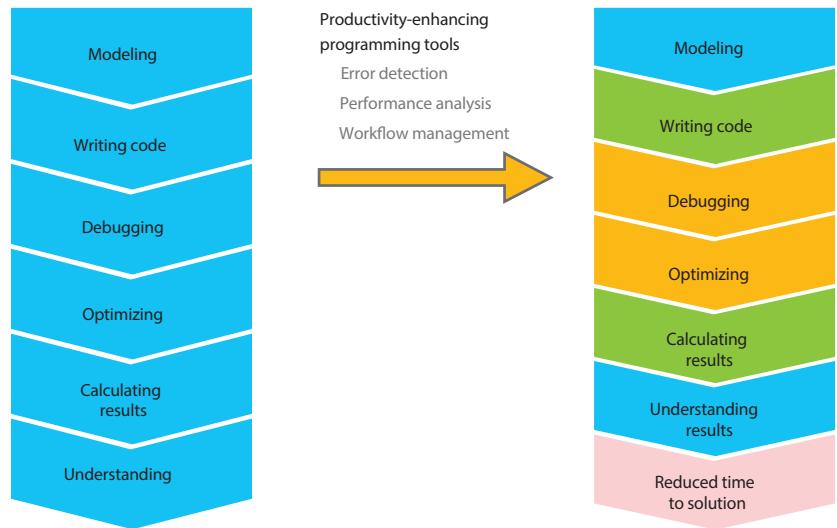
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## Supercomputing productivity



## Integrated tool suite

