

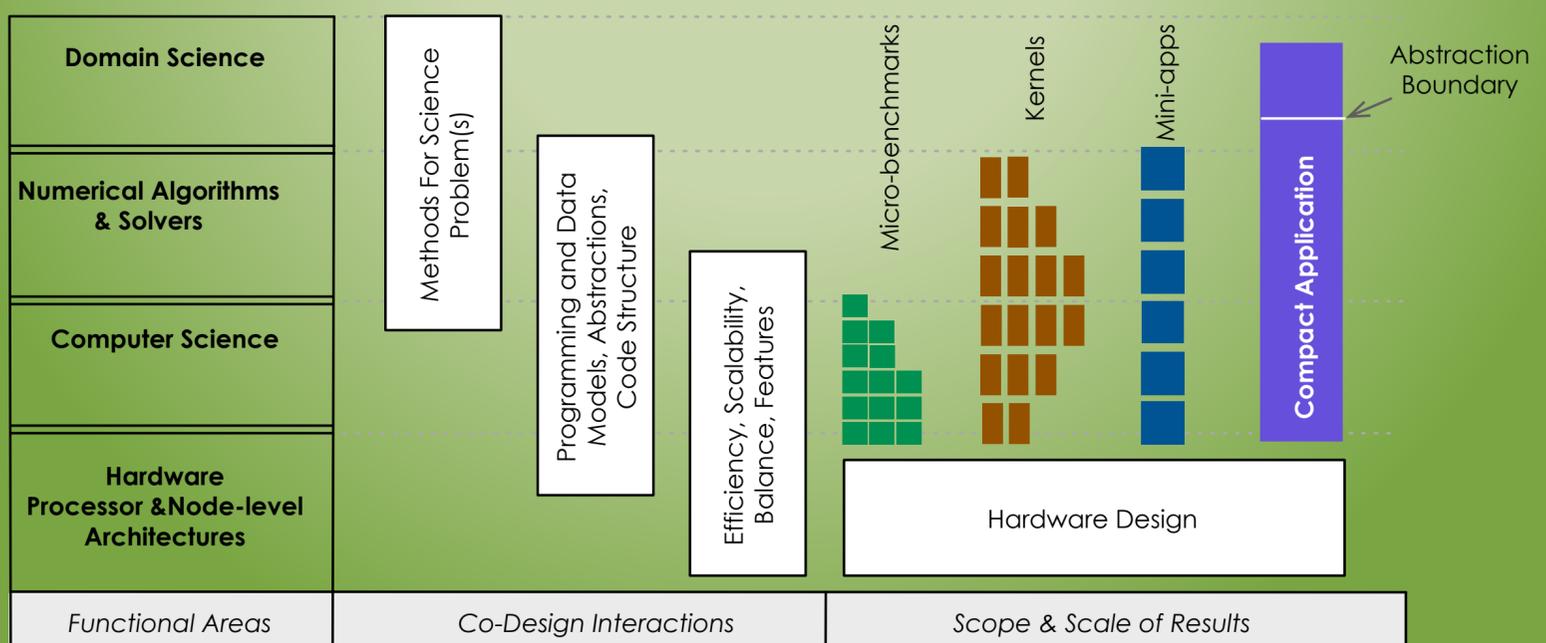
# CoCoMANS: Computational Co-Design for Multi-scale Applications in the Natural Sciences

Primary goal is to contribute to the foundation for computational co-design at LANL and beyond. We are asking:

*What new physics problems, or physics problem formulations, can we solve at exascale, and how can we co-design numerical algorithms and their supporting implementations to achieve this innovation?*

## Co-Design Process

We propose a process of empirical test- and benchmark-driven experimentation.



Project personnel are working in four main functional areas:

- Domain Science
- Numerical Algorithms and Solvers
- Computer Science
- Hardware Processor and Node-level Architectures

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