

## 2.2. Parallel CFD Simulations – Worksheet

What are the categories to distinguish parallel programming models?

What parallel programming model is typically used for CFD and why?

Which main ingredients need to be devised for parallel CFD?

What parallel communication pattern results from the finite volume matrix assembly? Exemplify for the advection term.

List the de-facto standard library deployed in parallel CFD. Are there alternatives?

Your questions: