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2D and 3D turbulent reconnection as a benchmark within the SWIFF project

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The goals of SWIFF (swiff.eu/) are:

* Zero-in on the physics of all aspects of space weather and design mathematical models that can address them.

* Develop specific computational models that are especially suited to handling the great complexity of space weather events where the range of time evolutions and of spatial variations are so much more challenging than in regular meteorological models.

* Develop the software needed to implement such computational models on the modern supercomputers available now in Europe.

Within Swiff a rigorous benchmarking acrtivity is taking place that will be reported here. A full description is available at:

swiff.eu/wiki/index.php?title=Main_Page#Benchmark_Activities