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We present the mathematical background of our method and its numerical implementation. The implementation is composed of a fast serial program for evaluating the integral over a given volume and a Python wrapper that divides the problem into subvolumes and distributes the work among available processes. We use various existing programs/libraries written mostly in C/C++ for integrating subvolumes. We show preliminary results obtained with our method and discuss its pros, cons and future developments.

**Session Classification:** Physical processes modeling and related computational methods (III)