



SUNDIALS Python Interfaces

Consortium for the Advancement of Scientific Software (CASS)
BoF Days, 2026

Feb. 12, 2026

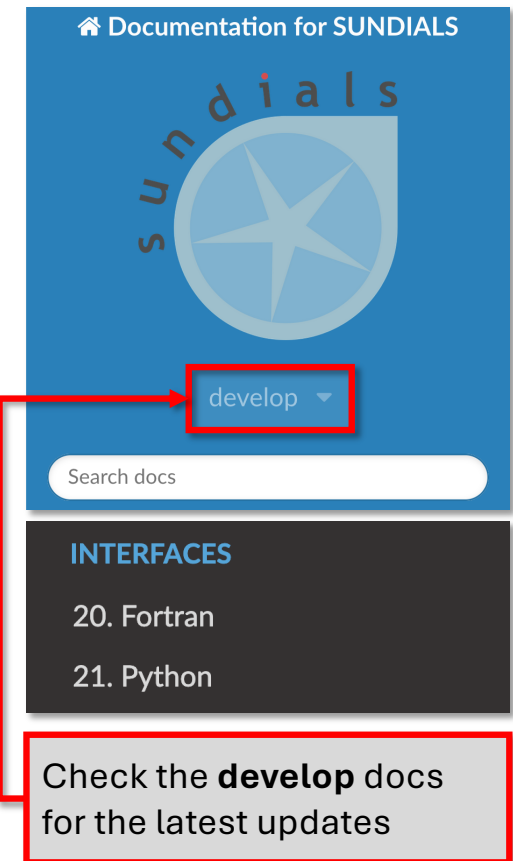
David J. Gardner (LLNL)

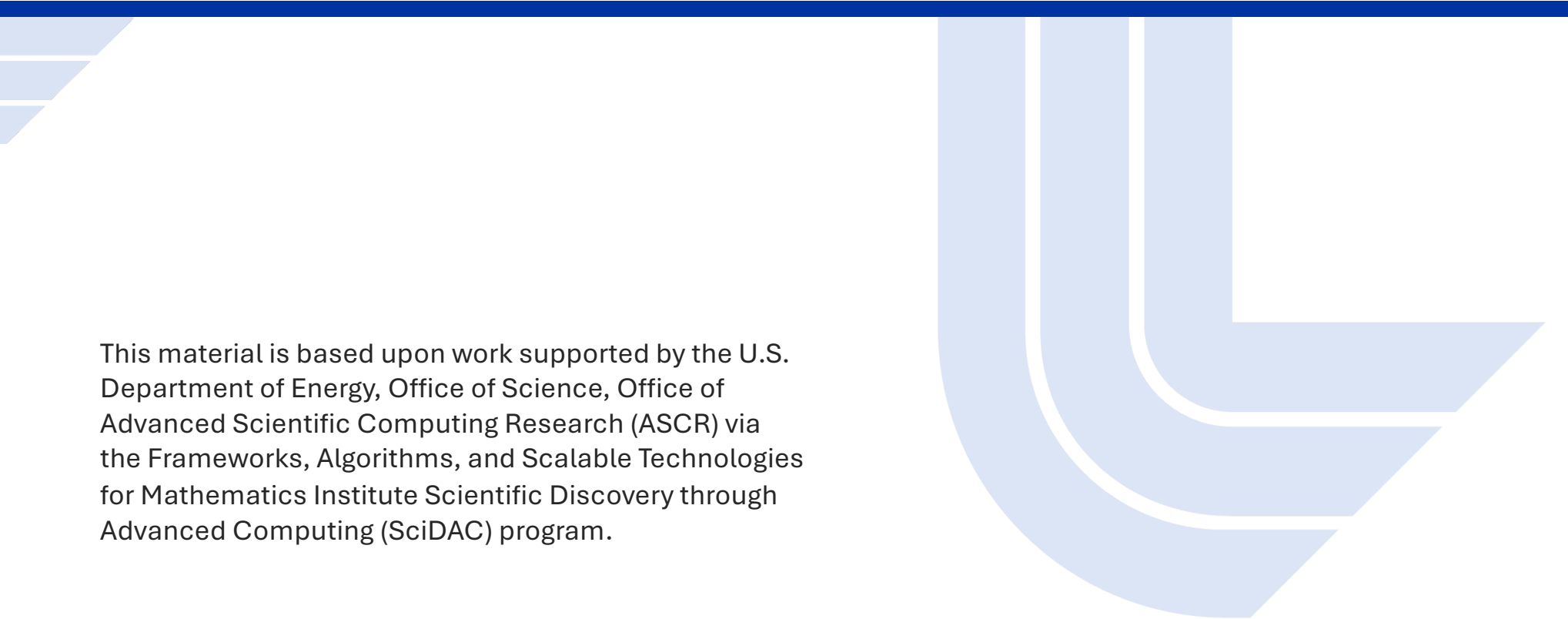
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Prepared by LLNL under Contract DE-AC52-07NA27344.

sundials4py provides Python bindings to the SUNDIALS library

- Can install directly from [PyPI](#): `pip install sundials4py`
- Submodules for the core and individual packages:
 - core – shared classes/functions and many of the native implementations
 - arkode – all ARKODE classes and functions
 - cvodes – all CVODES classes and functions (superset of CVODE)
 - idas – all IDAS classes and functions (superset of IDA)
 - kinsol – all KINSOL classes and functions
- Interfaces to third-party libraries are not yet supported
- Using sundials4py looks much like using SUNDIALS from C or C++
- The few notable differences are discussed in the [documentation](#)
- Currently in **beta**, we welcome feedback on this new SUNDIALS feature





This material is based upon work supported by the U.S. Department of Energy, Office of Science, Office of Advanced Scientific Computing Research (ASCR) via the Frameworks, Algorithms, and Scalable Technologies for Mathematics Institute Scientific Discovery through Advanced Computing (SciDAC) program.