

Abstract Submitted
for the APR07 Meeting of
The American Physical Society

Sorting Category: C5. (C)

Parca: A Paramesh-Based Driver for Cactus

DAVID FISKE, Decisive Analytics Corporation, ERIK SCHNETTER,
MANUEL TIGLIO, Louisiana State University — The talk will intro-
duce the Parca software, which allows the Paramesh AMR libraries to
be used as a Cactus driver thorn. Both Paramesh and Cactus have
become fixtures in the numerical relativity community, but until the de-
velopment of the Parca software Paramesh-based codes were completely
incompatible with Cactus-based codes and vice-versa. Preliminary re-
sults demonstrating the interoperability of the Parca driver with existing
Cactus thorns will be shown.

- Prefer Oral Session
 Prefer Poster Session

David Fiske
david.fiske@dac.us
Decisive Analytics Corporation

Date submitted: 10 Jan 2007

Electronic form version 1.4