

Published on BSC-CNS (https://www.bsc.es)

<u>Inici</u> > Simflowny: A general-purpose platform for the management of physical models and simulation problems

## Simflowny: A general-purpose platform for the management of physical models and simulation problems

**URL:** http://www.sciencedirect.com/science/article/pii/S0010465513001471

Authors: Arbona, / Artigues, Antoni / Bona-Casas, / Massó, / Miñano, / Rigo, / Trias, / Bona,

**Publication:** Computer Physics Communications

**Volume / Pagination:** 184 / 2321?2331

Paraules clau: Automatic code generation, General purpose simulation platform, Partial differential

equations, XML formalization

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

**Source URL** (**retrieved on** *15 Mar 2025 - 10:21*): <a href="https://www.bsc.es/ca/research-and-development/publications/simflowny-general-purpose-platform-the-management-physical-and-development/publications/simflowny-general-purpose-platform-the-management-physical-and-development/publications/simflowny-general-purpose-platform-the-management-physical-and-development/publications/simflowny-general-purpose-platform-the-management-physical-and-development/publications/simflowny-general-purpose-platform-the-management-physical-and-development/publications/simflowny-general-purpose-platform-the-management-physical-and-development/publications/simflowny-general-purpose-platform-the-management-physical-and-development/publications/simflowny-general-purpose-platform-the-management-physical-and-development/publications/simflowny-general-purpose-platform-the-management-physical-and-development/publications/simflowny-general-purpose-platform-the-management-physical-and-development-physi