

# SUNFLUIDH : A SOFTWARE FOR THE COMPUTATIONAL FLUID DYNAMICS

## USER'S GUIDE

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### Introduction

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- A brief description
  - Sunfluidh install
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### Equations solved, input and outputs files

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- Sets of equations
  - Sunfluidh data sets (input file)
  - Sunfluidh output files
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### How to use Sunfluidh : Key points, Tutorial and examples

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- Overview of key points for using sunfluidh
  - Tutorial : how to build the input data file ?
  - Examples of complete data sets
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### Add-ons

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- More details ? : Information on the numerical methods (staggered grid, discretization, ...)
- VISFIELD : a file format converter for visualization
- MESHGEN : a mesh generator for sunfluidh

/\* Documents on the educative version of Sunfluidh \*/

From:

<https://sunfluidh.lisn.upsaclay.fr/> - **Documentation du code de simulation numérique SUNFLUIDH**



Permanent link:

<https://sunfluidh.lisn.upsaclay.fr/doku.php?id=start&rev=1545035012>

Last update: **2018/12/17 09:23**