

Namelist "SpaceAveragedSnapshots_Dataset"

This data set is used to get the space-averaged fields of physical quantities in a specific direction at un given time. The recording rate is specified in the namelist "Simulation_Management".

Full data set of the namelist

```
&SpaceAveragedSnapshots_Dataset SpaceAverageDirection="J-DIRECTION",  
Field_Number=3, List_of_Fields="U","V","W"/
```

SpaceAverageDirection

- Type : Character string
- Set the the direction in which the space average is performed : "I-DIRECTION", "J-DIRECTION" or "K-DIRECTION"

Field_number

- Type : Integer value
- Set the number of fields for which the space average will be computed.

List_of_Fields

- Type : Character string.
- Set the name of physical quantities for which the space average will be computed (6 characters max.). See the namelist [Namelist "Instantaneous_Fields_Listing"](#) in order to get the list of available physical quantities.

From:

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

Permanent link:

https://sunfluidh.lisn.upsaclay.fr/doku.php?id=sunfluidh:spaceaveragedsnapshots_dataset_namelist

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