**Short abstract. 18th International Conference on**

**Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes**

**9-12 October 2017, Bologna, Italy**

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***Abstract title:***

*Name and Affiliation of the First Author*:

*Email of first author*:

*Names and Affiliations of the Coauthors* :

*Preferred way of presentation (oral or poster):*

*Preferred topic (choose number from list below and delete the list of topic numbers):*

## Topic numbers

Sessions will be organized within the following topics:

1. Model evaluation and quality assurance – model validation, model intercomparisons, model uncertainties and model sensitivities.
2. Environmental impact assessment: Air pollution management and decision support systems.
3. Use of modelling in support of EU air quality directives, including FAIRMODE activities.
4. Parametrization of physical processes in mesoscale meteorology relevant for air quality modelling.
5. Urban scale and street canyon modelling: Meteorology and air quality.
6. Use of modelling in health and exposure assessments
7. Inverse dispersion modelling and source identification.
8. Modelling air dispersion and exposure to accidental releases.
9. Modelling of passive control systems (PCS) including nature-based solutions in dispersion studies
10. Mathematical problems in air quality modelling.
11. Highlights of past work. Session devoted to reviews and to prominent scientists and ‘golden papers’ of the past, which have still relevance and should not be forgotten.

*[You may delete the list of topic numbers when you have made your choice]*

## Abstract text

Substitute this text with a short abstract text of maximum 350 words.

Short abstracts should be submitted by **March 13, 2017** uploading them on: <http://www.harmo18.eu/abstract/submission>

For any problem with the abstract submission, you may contact

[abstract\_help@harmo18.eu](mailto:abstract_help@harmo18.eu)

## Motivation

In addition to the short abstract, you should provide a **short motivation** of the relation of your abstract to the underlying main theme of the conference: *Harmonisation within modelling* in a broad sense. Such a motivation will help reviewers in their selection of papers for oral presentation, and in particular for plenary sessions.

A dictionary definition of *harmonisation* is “to cause things to be combined or to go together in a pleasing or effective way”.

In the context of the conference, presentations are especially welcomed if they deal with topics from the following list: establishing common frames of reference; increasing compatibility among methods; establishing consistency in methods; eliminating unnecessary differences in methodologies; and in general if they contribute towards common methodologies, e.g. in respect to models, associated tools, procedures and datasets.

*[You may add your motivation and delete the introductory explanation above]*