

V CONFERENCE OF ODOURS AND VOCs IN THE ENVIRONMENT  
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ABSTRACT

**REAL TIME PREDICTION OF ODOUR DISPERSION**

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In industrial applications, the problem of odour emission is become very sensitive in order to avoid causing a discomfort or a risk for employees and neighbourhood. It becomes primordial for some companies to be able to know the nature and the quantity of emitted gases. In this context, the combination between a monitoring system and a prediction model of odour dispersion appears to be a great evolution to anticipate the risks of disturbances.

A prediction and dispersion modelling of odour impact is developed by RUBIX S&I. It is a real time combination of RUBIX S&I electronic nose data, paired to a meteo station placed at the source of emission.

An initial stage of learning is made for the estimation of odour unit at the source. The use of the learned model will show how a company can predict the odour dispersion and the potential impact around the source.

Indicate preference of kind of presentation

- Oral Communication

Indicate session in which authors propose to present their work:

- Session III. Calculation of the odour impact. Odour dispersion modelling.