ID de Contribution: **49**                    Type: **Non spécifié**

# Weak Lensing Data processing for the CFHTLenS and KiDS surveys [remote presentation]

*jeudi 15 juin 2017 15:50 (30 minutes)*

I will discuss the data processing and data handling of the CFHTLenS
and KiDS collaborations. Special emphasis will be given on our
algorithms and processing methods for weak gravitational lensing
studies. I will summarise the current status of our image processing
pipeline THELI which is optimised to produce lensing quality data
from current and future optical Wide-Field Imaging Surveys. Our software suite
encompasses all necessary modules from raw images to multi-band
object catalogues with photometric redshifts and galaxy shapes.
The talk will be complemented with a summary of the lessons we learnt
in the past 15 years to successfully implement and execute an optical Wide-Field Imaging survey.

## Topic:

Large photometric surveys

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**Classification de Session:**  Workshop