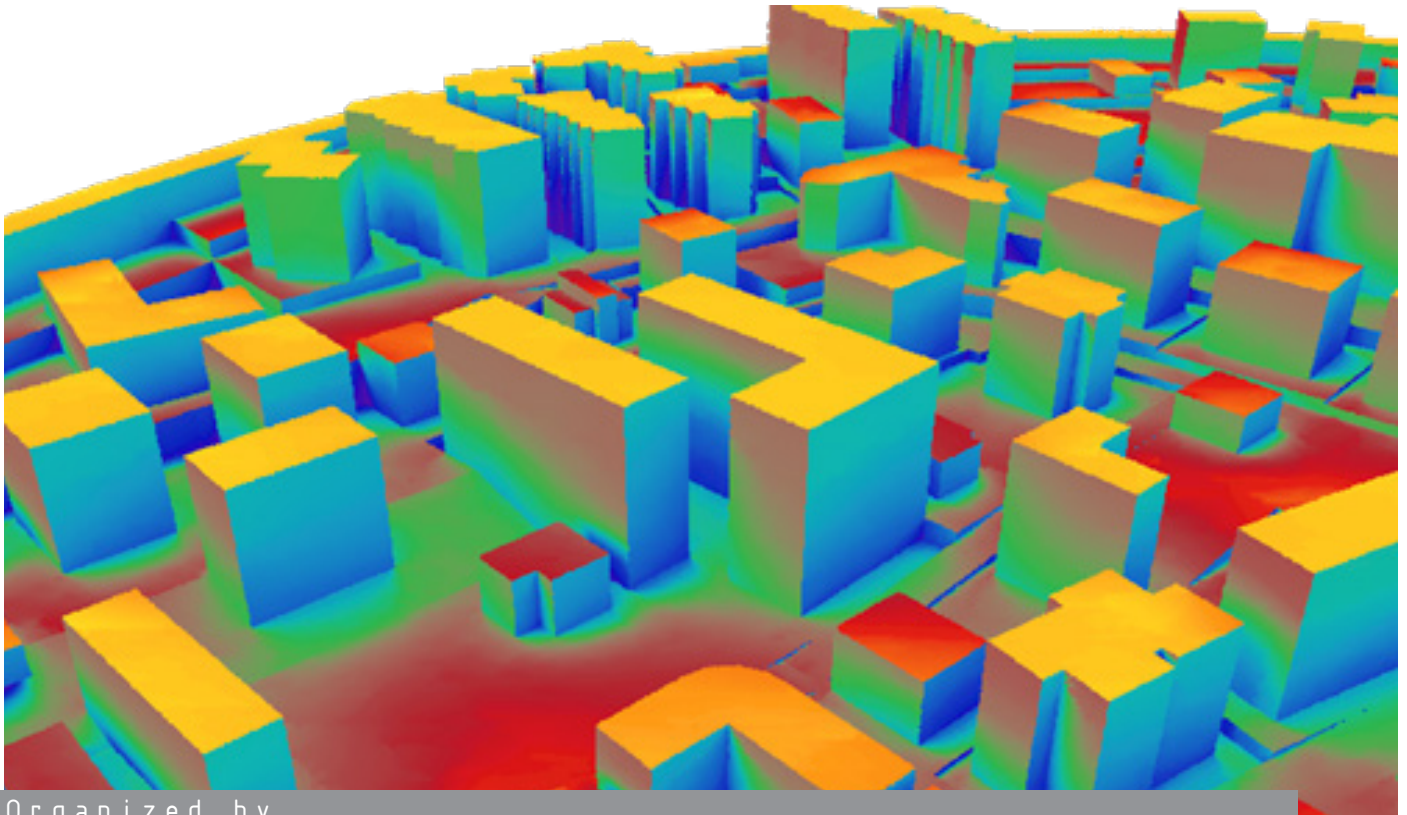


# Winter Workshop

Solar Energy in Urban Planning  
Parametric modeling design  
Urban daylight analysis  
Outdoor environmental analysis

5/9 October 2015

ENERPOS Building, Campus universitaire de Saint-Pierre  
Université de La Réunion



Organized by



NTNU – Trondheim  
Norwegian University of  
Science and Technology

# Winter Workshop

5/9 October 2015 / ENERPOS Building, Campus universitaire de Saint-Pierre  
Université de La Réunion

## Calendar and Topics

Monday 05<sup>th</sup> October

### 01 Parametric modeling Rhino + Grasshopper

09.00/12.00am

- +Introduction of the parametric modeling
- +Tutorial on parametric modeling 01

01.00/04.30pm

- +Tutorial on parametric modeling 02

Tuesday 06<sup>th</sup> October / Solar Analysis

### 02 DIVA for Rhino and Grasshopper

09.00/12.00am

- +Introduction of Solar Dynamic Analysis
- +Tutorial on solar mapping analysis and Solar Dynamic Analysis

01.00/04.30pm

- +Tutorial on Daylighting Analysis

Wednesday 07<sup>th</sup> October / Outdoor Analysis

### 03 Urban Interface Modeling

09.00/12.00am

- +Introduction of Outdoor environmental Analyses
- +Tutorial on embodied energy use, walkability and daylighting potential in urban environment

01.00/04.30pm

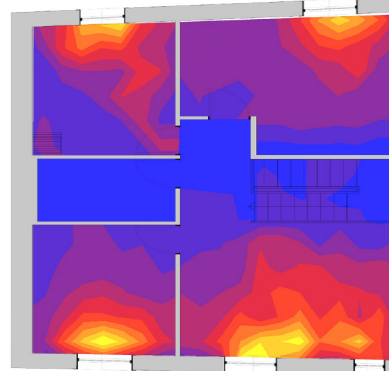
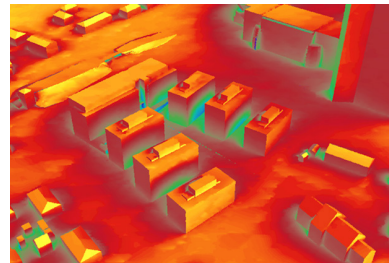
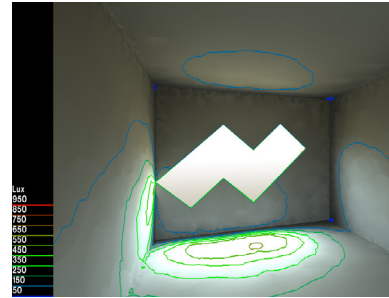
- +Continuation of tutorial
- +Starting group working

Thursday 08<sup>th</sup> October / Team Work

### 04 Design model & analyses on the case studies

Friday 09<sup>th</sup> October

### 05 Presentation of the results



Organized by