# OTB Users Days 2017

## Introduction

OTB Team

05/06/2017

# Welcome to OTB Users Days 2017 !



PSC meeting during OTB Users Days 2016 (second edition)

# Recap of OTB Users Days 2015

## Day 1

- Presentations from the OTB development team at CNES and CS : Introduction, What's new in OTB ? open governance, Monteverdi... for OTB : thoughts and context
- Users
  - Big Data Solutions for EO pursued at JRC – P. Kempeneers & D. De Marchi (JRC)
  - OTB for BIOMASS – T. Koleck (CNES)
  - Using OTB for processing UAS imagery – A. Lobo (CSIC)
  - Geosigweb – C. Bisso (Geosigweb)
- Then Tech talks :
  - How we plan to do MPI-powered OTB (see rfc-26)
  - The new flexible classification framework in OTB
  - Machine learning in OTB : s/opencv/shark/
  - S1 Geometry in OTB

# Recap Day 2

## Tutorials

Introduction to Monteverdi 3.0 OTB tools for image segmentation Discover the new applications (Classification, Polarimetry) The steganography game Reminder about applications framework and extended filenames Write your own remote module

## Brainstorming

# Recap day 3

# This year : program 2017

https://huit.re/otb_users_days_2017

# Day 1 : Talks

- 15/20 min talks and leave 5/10 minutes for questions
- Language for the event will most probably be French
- However slides and materials should be in English if possible
- In parallele : organize Day 2 and 3 (check with session leaders)

# Day 2 : Parallel sessions

- Tutorials
- Open question & features requests & one-on-one tutoring
- Brainstorming

# Day 3 : Hackfest

- Keynote talks : C++11 for OTB ?
- Then 30 minutes planning meeting at the beginning
- Write the code you need with the help of a member of the development team
- Documentation review : live enhancement of the documentation
- Live bugfixes : You think you found a bug ? We investigate and fix it with you
- Packaging improvement
- PSC meeting (to be scheduled)
- If there is time left : guru code hacking

Lunch : Pizza party !

## This is not a 1000+ participants IEEE conf !

- Program can be adapted for you
- Discussions are more important than presentations
- We can always organize small groups to work on specific topics
- We need your help to finalize the program

# Day 1 : Plenary session (June 7)

| | |
|---|---|
| 10 :00 - 12 :00 | Presentations from dev team |
| | One year of Open Governance |
| | The new features of OTB 5.4 |
| | What is new in Monteverdi 3.2 |
| | The state of binary packages and xdk |
| | Code provenance review, licence and incubation |
| 12 :00 - 14 :00 | Lunch break |
| 14 :00 - 17 :00 | Users feedback |
| | P. Kempeneers (JRC), T. Koleck (CNES), |
| | A. Lobo (CSIC), C. Bisso (Geosigweb) |
| | Tech talks |
| | How we plan to do MPI-powered OTB |
| | The new flexible classification framework in OTB |
| | Machine learning in OTB : s/opencv/shark/ |
| | S1 Geometry in OTB |
| 17 :00 - 19 :00 | Ice breaker |

# Day 2 : Technical session (June 8)

| | |
|---|---|
| 10 :00 - 12 :00 | On-demand Tutorials |
| | Introduction to Monteverdi 3.2 |
| | OTB tools for image segmentation |
| | Discover the new applications |
| | The steganography game |
| | Reminder of app framework |
| | Write your own remote module |
| 12 :00 - 14 :00 | Lunch break |
| 14 :00 - 17 :00 | Groups brainstorming |
| | Roadmaps and features request |
| | New sensors : what are we missing ? |
| | How to enhance OTB documentation ? |
| | Should we do SimpleOTB ? |
| | What is missing in the new classification framework |
| | What is missing in Monteverdi |
| 17 :00 - 19 :00 | Happy hours |

# Day 3 : Hackfest (June 9)

# Useful information

## Program
https://huit.re/otb_users_days_2017

## Wireless internet connection
TODO

## Coffee and coffee breaks
TODO

## Lunch
TODO

## Social events
17 :00 - 19 :00 : Ice breaker Cocktail offered by our sponsor (CS-SI)

## Sponsor
Thanks to CS for hosting and catering the event !

# Any questions ?