

News

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SIMINOLE meeting
LAL, January 26, 2012

- **New members**

- Verena Heidrich-Meisner (postdoc, LRI)
- Matthias Brendel (postdoc, LAL)
- Weicong Liao (intern, LAL)
- Ahmed Lasmar (intern, LAL)

- **Web site:** <http://siminole.lal.in2p3.fr>

- **Project:** to fill
- **Results:** to maintain (**bibfile** in svn)

“This work was supported by the ANR-2010-COSI-002 grant of the French National Research Agency. ”

- Introduction (Balázs)
 - AdaBoost
- Physics motivations
 - triggers, signal/background preparation
 - pattern recognition in particle detectors (Roman)

- Extensions and applications
 - bandit boosting (Róbert)
 - ranking
 - classification-based policy iteration
 - the software package at <http://multiboost.org>
- Hyperparameter optimization (Matthias / Rémi)
- Sequential design of discriminant functions (Djalel)

To edit the bib file,

1) first check out (or update) the Siminole svn

```
cd <root>/ANR10Cosinus  
svn up
```

If you have never checked it out, you should do

```
svn co svn+ssh://mac-88159.lal.in2p3.fr/Users/kegl/Research/SVN/Research/Grants/ANR10Cosinus
```

2) Go to

```
cd ScientificDocuments/Results
```

3) Add new bibtex entry to results.bib

4) You can stop here by simply committing the svn

```
svn ci -m "message
```

and dropping a mail to balazs.kegl@gmail.com saying that the Siminole results file has to be updated.

Note that all the instructions can also be found in the README file.

Full instructions:

```
cd <root>/ANR10Cosinus/ScientificDocuments/Results  
svn up  
<add bibtex entry to results.bib>  
<add the line
```

```
\citation{<bibtex label>}
```

to the corresponding section in the preamble of results.html. Eventually, add content in html format `_outside_` the sections delimited by

```
<!-- BEGIN BIBLIOGRAPHY ... -->
```

```
<!-- END BIBLIOGRAPHY ... -->
```

<run one of the following commands (corresponding to the section you edited)>

```
./bib2xhtml -s unsortlist -e nosize -d inference -i -a -u results.bib results.html  
./bib2xhtml -s unsortlist -e nosize -d optimization -i -a -u results.bib results.html  
./bib2xhtml -s unsortlist -e nosize -d discriminative -i -a -u results.bib results.html  
./bib2xhtml -s unsortlist -e nosize -d auger -i -a -u results.bib results.html  
./bib2xhtml -s unsortlist -e nosize -d jemeuso -i -a -u results.bib results.html
```

<revert the results.html file, put the whole content on the clipboard, and paste it into the "edit" field of the page

<http://groups.lal.in2p3.fr/Siminole/wp-admin/post.php?post=98&action=edit>

You have to replace the current content of the page. Press "update".

```
svn ci -m "message"
```