

# WP5 ToBeDone

## Summary

### Actions involving software

- Complete and improve selection by categories in Aladin
- Implement search by categories in Stellarium
- Select best background for the outreach version of Aladin SkyBrowser
- Explore possibility/benefits of making SalsaJ (HOU) available from Aladin
- Final release AIDA/WP5 web site

### Other actions

- Tests in schools
- Use cases
- Translations
- Diffusion / Promotion of AIDA (including diffusion in relevant web sites)

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## Software

### Aladin

- Complete category tree and possibly revise rules according to feedback
- Go from prototype to real usage
- Implement dynamic updates of categories
- Prepare a more demonstrative optical survey for the sky browser

### Stellarium

- Implement a search-by-category feature. This requires a new more complete object catalog.
- Continue improving performances (startup and display speed) as well as improved battery saving mode for laptops.
- Improve font rendering and translations.

Both tools: Implement (reasonable) feedback requests from test users

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## Software

SalsaJ of Hands On Universe Europe

- A collaboration with HOU is mentioned explicitly in our Project Plan
- SalsaJ has a few basic functionalities that would complement Aladin providing a tool for a complete route from observation (virtual) to analysis

[Salsa J](#)

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## Other Actions

### Tests in schools

- feedback from teachers about unsupported use of our products
- tests with students at the University level
- feedback from non-Italian schools

### Use Cases

- keep increasing size of library, in particular add simpler use cases for younger kids

### Diffusion/Promotion

- participate to events for diffusion of AIDA/WP5 to teachers and professional astronomers interested in Outreach and Education
- obtain link to AIDA/WP5 on influential web portals (e.g. ESO) – after final release of the [AIDA/WP5 web site](#)

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## Translations

USE CASES (stars, sky, SN, hubble, pleyades, Crab, Andromeda, Barnard):

Italian: all (8/8)

English: all (8/8)

German: SN, Hubble, Andromeda, Barnard (4/8)

Spanish: Barnard (1/8)

Dutch & French: none

SOFTWARE (interface)

Stellarium: all (6/6)

Aladin: Italian, French, English, German (4/6)

GUIDES:

Stellarium: English

Aladin: French, English (Italian: work in progress)

WEB SITE: Italian, English

# WP5 Done

(Feb '09 – Nov '09)

## SOFTWARE:

- added sky browser to Aladin
- implemented prototype of search-by-categories in Aladin
- improved SimPlay
- performances optimizations (30% speed up + faster startup time) of Stellarium
- Many improvements on the new script engine of Stellarium
- Continued to work on the plugin subsystem in Stellarium
  - Potentially leading to : artificial satellite display/tracking, angle measurement on screen, display of extended compass marks, much better telescope control feature (with GUI), telescope ocular simulation.

# WP5 Done

(Feb '09 – Nov '09)

USE CASES: number increased from 5 to 9, added short presentation to be viewed on monitor, added boxes with contributions of specialists on the astrophysical topic of the use case

WEB SITE: Created web site for the distribution of WP5 products to the public

PRESENTATIONS: 4 professional astronomy conferences, 3 teacher conferences/workshops, 9 sessions w/ teachers/students, 2 public conferences