ASTRODEEP Scientific Report#2
Period #2 – Jan 2014 / Apr 2015

1.0 Foreword

Adriano
Brief introduction mentioning the overall advances of the project.
Summary of the this document

2.0 List of deliverables

Konstantina
This is little more than a table with the list of deliverables

3.0 WP3: Development and testing of algorithms

3.1 Goals and overall status of WP3

Adriano
Quickly remind:
- the original goals of WP3.
- the goals for Period #2 as defined at the end of Period #1
- a short summary of activities.

3.2. TPHOT: the most advanced tool for image de-confusion

Emiliano
Essentially a quick summary of the paper

3.3. A recipe for de-blending of Herschel images

David +CEA + Nathan +UEdin
This should already been in the Deliverable - put here a quick summary.

3.4. A new method for the analysis of X-ray images

Nico
Essentially a quick summary of the paper

3.5 The plan for Period #3

Adriano
Do we have something that is worth saying? Just declare victory?

4.0 WP4: Data processing and catalogue production

4.1 Goals and overall status of WP4

Adriano

Quickly remind the goals of WP4.

4.2. The Frontier Fields catalogues: Abel2744 and MACS0416
Ricardo

4.3 The re-analysis of the CANDELS catalogs: GOODS-South

4.3.1. The 4Ms Chandra 4Ms catalogue.
Nico

4.3.2. The re-analysis of the Herschel images
David+CEA

4.3.3. The Full power of the Spitzer data on GOODS-S
Marco

4.3.1. The full optical data set.
?

4.4. SCUBA2 imaging of the CANDELS fields.
Nathan

4.5. Plan and goals for Period#3.
All
This is going to be tough…. need some brainstorming.
One option is that we discuss the various options and then declare when we shall take a decision.

5.0 WP5: Science: The physics of early galaxy evolution

5.1 Goals and overall status of WP5
Adriano/Jim
Quickly remind the goals of WP5.

5.2. Highlights from Period#2
I would put here just a high level summary of the report we did at the end of year#2 – then refer to the report.
Jim

6.0 WP6: Simulations of the Euclid deep survey

6.1 Goals and overall status of WP6
Jim/Adriano
Quickly remind the goals of WP5.

6.2. Results from Period#2
This is TBD. We can claim that the image simulator by Corentin is a good tool for the imaging part - that is true. We need to decide how to present / re-scope the grism part.
Jim

7.0 WP7: Dissemination and Outreach

7.1 Goals and overall status of WP7

Adriano/ Sebastien
Quickly remind the goals of WP5.

7.2. The ASTRODEEP portal

Description of functionalities and structure of the portal
Konstantina

7.2. The CDS interface

Status of implementation of an interface at CDS
Sebastien/Ricardo

7.3. The Sesto consortium meeting(s)

Report of Sesto 2015 (elegantly skipping the details on skiing..;-)
Announcement of Sesto 2016.
Konstantina

8.0 Project Management

8.1 WP1: Management

Konstantina/Adriano

8.2 WP2: Scientific Management

Konstantina/Adriano