



DEDALE Action Item Review Telecon

June 18th 2018

Participants

| Name | Institute |
|-----------------------|-----------|
| Samuel Farrens | CEA |
| Florent Sureau | CEA |
| Martin Genzel | TUB |
| Greg Tsagkatakis | FORTH |
| Bruno Moraes | UCL |
| Konstantinos Themelis | CEA |
| Joana Frontera-Pons | CEA |
| Jean-Luc Starck | CEA |

Agenda

- Reviews status of outstanding action items
- Review status of publications
- Preparations for meeting at FORTH
- AOB

Minutes

Outstanding action items issued during London meeting:

- **Action 1: All WP Leads** - start putting work into deliverable template format and contact Sam for help/feedback.

Deadline: N/A

Status: In Progress

Notes: No deliverables have been circulated yet. Niall has previously said that D5.4 will be ready by the next meeting at FORTH. Jean-Luc has proposed putting remaining drafts on overleaf so progress can be monitored.

- **Action 2: Florent** - Have submission ready draft of denoising on the sphere paper prepared by May.

Deadline: ~~31/05/2018~~ → 09/07/2018

Status: In Progress

Notes: The draft is slightly delayed. Better results obtained for dictionary learning compared to alpha shearlets. All simulations have been processed. Draft should be ready by meeting in Crete.

- **Action 6: Nancy** - Provide paper draft by first week of April.

Deadline: 09/04/2018 → 04/05/2018 → 09/07/2018

Status: In Progress

Notes: Paper slightly delayed but should be ready by meeting at FORTH. Sam has offered to help get paper in shape if needed. Arnaud has pointed out that this paper will likely be the only one submitted before the end of the project with a Safran contribution.

- **Action 7: Bruno** - Run Darth Fader before going to Chile.

Deadline: 15/02/2018 → 31/03/2018 → 30/04/2018 → 09/07/2018

Status: In Progress

Notes: Results needed for spec-z paper comparison ASAP. This should be top priority! Should not optimise Darth Fader settings based on galaxy type in order to have a consistent comparison with the other methods. Joana recommends that Bruno not throw any galaxies away.

- **Action 8: Bruno** - Write introduction and data sections of paper.

Deadline: 25/02/2018 → 31/03/2018 → 30/06/2018

Status: Postponed

Notes: Postponed until spec-z paper is completed.

- **Action 10: Bruno** - Provide paper draft by end of June.

Deadline: 30/06/2018

Status: Postponed

Notes: See action 8.

- **Action 11: Joana and Florent** - Provide paper draft by beginning of April.

Deadline: 02/04/2018 → 04/05/2018 → 09/07/2018

Status: In Progress

Notes: Missing comparison between methods (need Darth Fader runs see action 7), data description and introduction review. Bruno may need to take greater role in this paper for the analysis.

- **Action 12: Joana and Florent** - Provide Euclid results to Bruno.

Deadline: 02/04/2018 → 31/05/2018

Status: Postponed

Notes: Postponed until spec-z paper is completed.

Action items issues during 08/03/2018 telecon:

- **Action 28: Niall** - to provide Sam with exact date of press release for coordination with DEDALE website dissemination.

Deadline: 31/03/2018 → 30/06/2018

Status: Done

Notes: Waiting for paper to be accepted by MNRAS. New deadline set.

New action items:

- **Action 30: Sam** - to help Nancy upload data to DEDALE Google Drive.
Deadline: 01/06/2018
Status: Done
Notes: N/A
- **Action 31: Filipe** - to find out status of DES paper press release.
Deadline: 01/06/2018
Status: Done
Notes: See action 28.
- **Action 32: Sam** - to organise discussion with Bruno concerning MS4.
Deadline: 25/04/2018
Status: Done
Notes: Milestone submitted on time.
- **Action 33: Sam** - to prepare plan for DEDALE meeting at FORTH.
Deadline: 01/06/2018
Status: Done
Notes: Meeting programme on DEDALE website.
- **Action 34: Sam** - to organise a third and final telecon to review action items before FORTH meeting.
Deadline: N/A
Status: Done
Notes: N/A

Status of Publications:

- **Kostas:** Colour-image restoration work done in collaboration with Arnaud not sufficient for a paper. Results comparing Generalised Forward-backward and ADMM algorithms good enough for deliverable. Have to deal with non-linear optimisation problem.
- **Anaud:** Work continuing regarding image segmentation. Proposed joint work on multi-spectral democising and/or image restoration on FORTH distributed network can be discussed in Crete.
- See relevant action items.

Status of Deliverables:

- **Greg:** D5.4 Some results for CNN classification problem using astro image cubes. Data needs to be l2 normalised. Good performance but have some overfitting. Results should be ready for meeting in Crete.

AOB:

- **Jean-Luc:** Everyone should update the reporting document as this can potentially be finished during the meeting at FORTH.