

Subject: Re: E_G project: external collaborator proposal
From: Danielle Leonard <danielll@andrew.cmu.edu>
Date: 10/2/18, 6:43 PM
To: Shadab Alam <salam@roe.ac.uk>
CC: sukhdeep1@berkeley.edu

Hi Shadab,

No need to apologize, that makes sense! I think in the end it will be more straightforward to proceed with the membership application, but either way it should be able to work out. Let me know how the process goes. Do you have a sense of a timeline as to when your membership would be approved?

Thanks,
Danielle

On Tue, Oct 2, 2018 at 1:15 PM Shadab Alam <salam@roe.ac.uk> wrote:
Hi Danielle,

long story short: I can apply now for a membership.

Actually for UK we have limited number of spots in LSST and so things are a wee bit more complicated and opaque. I had tried asking people in the past and failed to get any clear answer and was also advise not to apply until I have a concrete project. It seems one cannot apply unless there is a call which doesn't really have any fixed time of the year. Coincidentally few days ago LSST-UK has sent an announcement for new membership which now seems to be an annual call. I also checked with Andy Taylor, and he is happy to nominate me for the junior membership position. Therefore, I am going to try to figure out the details and give it a try. I will update you after looking into the application in more detail.

Sorry for the extra effort from your side in writing external collaborator request.

Thanks,
Shadab

On Tue, 2018-10-02 at 11:55 -0400, Danielle Leonard wrote:

Hi again,

One further thing: I just sent this along to the TJP co-conveners and they asked me whether it might be easier for you to just join as a member since Edinburgh is part of LSST:UK. I know we talked about this but I don't remember the specifics - could you refresh me on the reason for going with an external collaborator request rather than a membership request?

Thanks,
Danielle

On Tue, Oct 2, 2018 at 9:54 AM Danielle Leonard
<daniell@andrew.cmu.edu> wrote:

Hi,

Sounds great. I will be at the meeting in person so it should be a good chance to make progress.

I'll send the external collaborator request to the working group leaders and hopefully it will all go through smoothly (as I expect). Will keep you posted.

In the meantime let me know if you want to chat more about any work you might be starting on this.

Cheers,
Danielle

On Tue, Oct 2, 2018 at 7:25 AM Shadab Alam <salam@roe.ac.uk> wrote:

should have clicked on reply all!!

On Tue, 2018-10-02 at 12:24 +0100, Shadab Alam wrote:

Dear Danielle,

Thanks a lot for your email and apologies for slow response. I am definitely keen to work on this project and it will be great to do some concrete work during LSST meeting in Edinburgh. Will you be coming to Edinburgh for the meeting or joining online?

Thanks for kindly writing external collaborator request it looks great. I am hoping to make some progress on this before the meeting.

Cheers,
Shadab

On Sun, 2018-09-30 at 13:51 -0400, Danielle Leonard wrote:

Dear Shadab,

Hope you're doing well. I understand from Sukhdeep (cc'ed) that you are interested in being part of this project we are working on together within LSST DESC, which has the goal of using forecasts

to look at the trade-offs between E_G and a multi-probe Bayesian approach to testing gravity using LSST and spectroscopic surveys like eg DESI. Particularly, I hear you may be able to help with something we are bit stuck on, which is modelling the covariance expected between beta (from RSD) and $\text{Upsilon}_{\text{gm} / \text{gg}}$ (gg lensing / clustering), both from shot noise and from cosmic variance which we expect not to necessarily be subdominant in the future measurement situations we're looking at.

If you are still keen on being part of the project (I hope you are), we need to jump through one small hoop, which is to get you listed as an LSST DESC external collaborator (such that you can be involved in a "LSST DESC project" and therefore eventually be an author on the paper). To do this, we just need to write a few short statements proposing you as an external collaborator. The full external collaborator guidelines are [here](#), but the relevant stuff is:

The proposal must be written, naming the Project and concisely addressing:

- the proposed role of the external collaborator in the Project
- the motivation for the proposal, e.g., unique expertise, data, or simulations provided by the external collaborator, with a clear explanation of why this work cannot be undertaken by current DESC collaborators;
- what non-public DESC data products the external collaborator will need for this work;
- a statement that the external collaborator agrees to use these data products only for the proposed joint work with DESC, not to use other non-public DESC data products, and not to redistribute these data products outside DESC.

The proposed external collaborator must agree to abide by the DESC Policy on External Collaborators, DESC Publication Policy, and DESC Professional Conduct Policy for this work with DESC.

To me this is pretty straightforward; I have drafted something addressing these questions in a google doc [here](#). Could you take a look at it and make any comments or changes? Then we go ahead and send this to the working group leaders for circulation and hopefully we can get you officially approved quite quickly. It would be great to work together on this at the sprint week in Edinburgh next month especially if you are interested.

Thanks,

Danielle

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