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**From:** [REDACTED]  
**Sent:** Thursday, October 24, 2013 10:31 AM PDT  
**To:** Gal Shabtay  
**CC:** [REDACTED]  
**Subject:** Re: images for fusion algorithm evaluation

Hi Gal,

My initial impression of the images CP provided has been quite positive. Thanks!

I do have a few questions about the application:

I assume that the application is being tuned for the Canon 40D with the 16-35mm lens, correct? What format will the application take (a mac app? windows? snapdragon? will it run on CPU / GPU). I feel like I should know the answers to these questions now but would like to have the details filled in.

Will the application be able to process a pair of tele and wide images that have been captured with different f/#s? We expect that any practical camera system will have this.

For the test system we are using with the Canon several things are over-simplified. Since the same sensor with the same CRA and pixel structure is being used the color & noise are the same for both wide and tele. Will I be able to add a color cast to the input images to simulate a real system that has two different sensors?

Will the application work with only RAW images or can processed RGB images be passed in as well?

Thanks in advance,

[REDACTED]

□ [REDACTED]@apple.com

On Oct 24, 2013, at 5:44 AM, Gal Shabtay <[gshabtay@corephotonics.com](mailto:gshabtay@corephotonics.com)> wrote:

Hi [REDACTED]

We are at the final stages of preparing the application (still on track for Oct. 27<sup>th</sup>).

I was wondering if you have any feedback on the images we sent or anything else that we need to consider before sending the application.

Thanks,  
Gal

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**From:** Gal Shabtay  
**Sent:** Sunday, October 20, 2013 1:13 PM  
**To:** [REDACTED]  
**Subject:** RE: images for fusion algorithm evaluation

Hi [REDACTED]

[REDACTED]

Thanks,  
Gal

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**From:** Gal Shabtay  
**Sent:** Friday, October 18, 2013 9:16 PM  
**To:** [REDACTED]  
**Subject:** Re: images for fusion algorithm evaluation

Hi [REDACTED]

[REDACTED]

[REDACTED]

Thanks,  
Gal

Sent from my iPhone

On 18 2013 באוק, at 20:49, [REDACTED] <[REDACTED]@apple.com> wrote:

Hi Gal,

Comments below,

Thanks!

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[REDACTED]

□ [REDACTED] [REDACTED]@apple.com

On Oct 18, 2013, at 8:28 AM, Gal Shabtay <[gshabtay@corephotonics.com](mailto:gshabtay@corephotonics.com)> wrote:

Hi [REDACTED]

Very good. Couple of items:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Thanks,  
Gal

On 18 2013 באוק, at 17:29, "[REDACTED]" <[REDACTED]@apple.com> wrote:

Hi Gal,

Thanks for clarifying. It was a mixup on my part. Thanks!

[REDACTED]

□ [REDACTED] [REDACTED]@apple.com

On Oct 17, 2013, at 9:44 PM, Gal Shabtay <[gshabtay@corephotonics.com](mailto:gshabtay@corephotonics.com)> wrote:

Hi [REDACTED]

Thanks for letting me know. Strange...that's not what I am seeing.

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I am attaching a few snapshots from my screen.

Can you check?

Thanks,  
Gal

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**From:** [REDACTED] [mailto:[REDACTED]@apple.com]  
**Sent:** Friday, October 18, 2013 4:01 AM  
**To:** Gal Shabtay  
**Cc:** [REDACTED]  
**Subject:** Re: images for fusion algorithm evaluation

Hi Gal,

[REDACTED]

Thanks in advance!

[REDACTED]

□ [REDACTED] : [REDACTED]@apple.com

On Oct 17, 2013, at 5:07 AM, [REDACTED] <[REDACTED]@apple.com> wrote:

Yes that's correct. Thanks for the rapid response!

[REDACTED]

On Oct 17, 2013, at 3:46 AM, Gal Shabtay <gshabtay@corephotonics.com> wrote:

Hi [REDACTED]

[REDACTED]

Thanks,  
Gal

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**From:** Gal Shabtay  
**Sent:** Thursday, October 17, 2013 11:17 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: images for fusion algorithm evaluation

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Hi [REDACTED]

Thanks,  
Gal

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**From:** [REDACTED] [mailto:[REDACTED]@apple.com]  
**Sent:** Thursday, October 17, 2013 4:19 AM  
**To:** Gal Shabtay  
**Cc:** [REDACTED]  
**Subject:** Re: images for fusion algorithm evaluation

Hi Gal,

Is it possible to add the fusion results for the 3x zoom case for the following scenes?

lab\_800lx\_100cm  
lab\_10lx\_100cm  
church\_2  
target1\_220cm

Thanks again!

[REDACTED]

□ [REDACTED] : [REDACTED]@apple.com

On Oct 16, 2013, at 7:16 AM, [REDACTED] <[REDACTED]@apple.com> wrote:

Hi Gal,

This is fine. For the zero parallax case the best scenes for evaluation will be:

lab\_800lx\_100cm  
lab\_10lx\_100cm  
church\_2  
target1\_220cm

with zoom factors 1x, 1.5x and 2x.

Thanks!

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