

Date: Fri, 27 Jan 2006 16:33:42 -0800  
To: Diane Shankle <shankle@ee.Stanford.EDU>  
From: Olav Solgaard <solgaard@stanford.edu>  
Subject: Re: Quals Meeting Time Change Please see below!

Diane:

My questions are appended.

Olav

Qualifying Exam for the Electrical Engineering PhD program, Stanford University, January 2006  
Olav Solgaard

Questions:

- 1) What is this? (Showing a post card with two pictures that appear alternately as the card is viewed from different directions)
- 2) How does it work?
- 3) How is the information of the two pictures structured?
- 4) What type of lens is used? How far away from the lens are the images placed?
- 5) Why do you see several transitions as you vary the viewing angle?
- 6) Do the two pictures create the illusion of depth beyond that of a normal picture?
- 7) How can you create the illusion of depth in pictures that are multiplexed in this way?
- 8) How would you use this picture-multiplexing effect to create a better computer screen?

At 04:23 PM 1/27/2006, you wrote:

Quals Meeting  
Tuesday, January 31st.  
4:30 P.M.  
CIX-X AUD

Coffee, Tea and Cookies will be served before the meeting.

Please send me a copy of your Quals Question either by email or a hard copy to the address listed below!

Happy Friday,  
Diane

Any other questions feel free to call me!

Diane Joan Shankle  
Tel: (650) 723-3194  
FAX: (650) 723-1882  
shankle@ee.stanford.edu  
Stanford University  
Electrical Engineering  
Student Services  
Packard Building Rm. 177  
Stanford, CA 94305-9505  
<http://www-ee.stanford.edu>