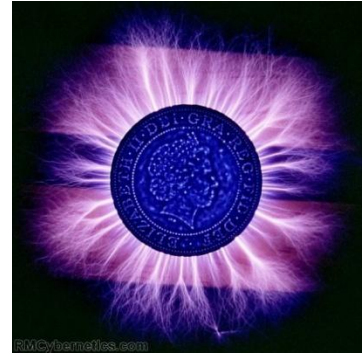


# **Kirlian Photography: Visual Emotion**

## Kirlian Effect:

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Kirlian photography is a process that measures the Kirlian effect. The Kirlian effect is the electro-photonic glow of an object in response to a pulsed electrical field excitation. Kirlian photography has diagnostic potential because the 'aura' has been found to measure stress levels.



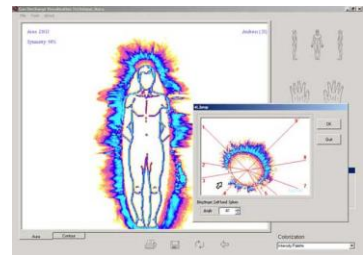
## Technology

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Dr. Konstantin currently researches the Kirlian effect in Russia. He observes the Kirlian effect by Gas Discharge Visualization which is exposed by the perturbation technique. His instrument uses glass electrodes to create a pulsed electrical field excitation to measure electro- photonic glow.



Kirlianresearch.com is selling a GDV software which records an image of the electro-photonic glow and sends it to a computer that shows the Kirlian effect in real time. This display can be shown as a snapshot, a series of images or a GDV movie.



## Device

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I propose to make a piece that uses the Kirlian effect measurements to create an interactive display. As of now, The machines they have that record this effect has been digitalized and requires physical contact from the object. I would make a chair which is also a sensor that captures the Kirlian effect off of the objects inside of it. From this sensor the data will be sent to a computer that projects the image on to the outside of the chair. In order for this chair to be a sensor it would have to be made out of the same semi-transparent acrylic, which would allow the people inside the chair to be able to see their own 'aura' shining through.



## Exhibition

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In order to bring a creative twist to this art project, music will influence the stress levels of the participants. Clinically the Kirlian effect shows stress levels, using this we can influence the Kirlian measurements and change the look of the project. With different levels of stressful music, ranging from very stressful to relaxing, the Kirlian projections will change from person to person in a simultaneous manner.

In a gallery setting the chairs would be hung from the ceiling in visible locations. Each one would have two projectors pointed at the back with the Kirlian measurements projecting on to it. People can see the projections through the chair, because the outside is transparent. The participants would be encouraged to sit in the chairs and become part of the work itself. The music that influences that participants would be played inside the chair, engulfing them, and outside in the gallery space. Organizing the music in this way would allow everyone in the gallery to know the effects of each type of music.

## Experience

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When people sit in the chair all they will be able to hear is the music being played in the gallery. This music will influence their mood and change their stress levels. By being able to actually see the effects of the music on their stress level, this chair will make people more aware of their own body and it's responses to external stimuli. This information of the music's effects will influence how people deal with stress in the future.

## Citations

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[http://amazingdata.com/mediadata6/Image/amazing\\_fun\\_featured\\_2620416140105101600S600x600Q85\\_200907231549002076.jpg](http://amazingdata.com/mediadata6/Image/amazing_fun_featured_2620416140105101600S600x600Q85_200907231549002076.jpg)

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