Method for Recording Broadband High Resolution Emission Spectra  
of Laboratory Lightning arcs

**Figure 16 Correspondence**

Dear Dr. Mitchard:

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Please let us know if you have any additional questions.

Sincerely,

**Susann Brailey**

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**Sent:** Thursday, June 8, 2017 11:57 AM  
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On Thu, Jun 8 at 10:53 AM , Daniel Mitchard <[mitcharddr@cardiff.ac.uk](mailto:mitcharddr@cardiff.ac.uk)> wrote:

Dear Sir/Madam,

I recently published an paper in Applied Physics Letters which contained results given in an intensity plot of spectral data from a generated lightning arc which included elemental line identification. I am in the process of submitting a paper to the Journal of Visual Experimentation which outlines the general method used to obtain spectral data from generated lightning arcs and, as an example of the type of results which can be expected, I have also included an intensity plot of spectral data from a generated lightning arc.

The data in each paper was taken separately but using the same apparatus and for the same generated lightning arc. Our lightning arcs are highly reproducible and this has meant that the results in both papers are identical and, further, the elemental line identifications are also identical – However, the Applied Physics Letter paper describes the results whereas the Journal of Visual Experimentation paper will describe the method to obtain the data and exemplifies how to present the result.

I am not clear whether I will need to obtain clarification and/or permission from Applied Physics Letters regarding the publication of identical data in the Journal of Visual Experimentation. Could you please put me in contact with the relevant person, possibly in the copyright department, to discuss this further.

Thanks,

Dan

Daniel Mitchard

Morgan-Botti Lightning Laboratory

Cardiff University

S. Wales, UK

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