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**Abstract**:

My research involves using infrared imaging for detecting damage within aviation structures. The picture shows an infrared image of a slot feature within a carbon fibre coupon that is slowly failing under fatigue loading. As the specimen progressively fails, the laminates of the carbon fibre begin to separate, causing warming in damaged regions as a result of increased friction between layers.

Whilst exploring colourways to best display my data, I created the image “Warm Nostalgia”. Not the most scientifically practical colourway for data representation, but I enjoyed the abstract nature of the image and how the heat diffusion looked similar to the layers in a bar of rock that you’d get at the beach when you were young.