

# Exploring the Power of \_Light\_

\_How do you make light to do what you want it to do? How do you show it where to go? Can you make light carry messages to the other end of the world or to your friend next door? What can light tell you about the world around us and how should you ask it to get the right answer?

\_Light is very powerful, yet to make good use of its abilities we first need to understand it. Looking into the secrets of light is not only an entertaining and colourful but also very rewarding journey.

\_We still don't know everything there is to know about light. As PhD Students at the Australian National University, we work every day on a better understanding of how light behaves and what we can do with it. In our presentation we want to share some of the excitement and the fascination that working with light can bring.

\_Do you want to do your own experiments with light? We will bring you some of the things we work with and show you how to use them to see yourself in the colourful world of light.

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