

# Deep Learning for Control of Light-Matter Interactions

*Thursday, 1 September 2022 09:00 (30 minutes)*

The team at Southampton are applying the deep learning technology that supports self-driving cars to the real-time control and optimisation of a wide range of light-matter interactions, including femtosecond laser machining. This presentation will provide an overview of recent activity at Southampton at this exciting interface.

**Primary author:** MILLS, Ben (Optoelectronics Research Centre, Southampton, United Kingdom)

**Presenter:** MILLS, Ben (Optoelectronics Research Centre, Southampton, United Kingdom)

**Session Classification:** Special Symposium 1