



## Good Picture – Online – April 2026

### An RPS Symposium

Following the successful inaugural meeting of the new Good Picture series of Online talks on Zoom in October 2025, the Imaging Science Group of the RPS is pleased to announce its first meeting of 2026. There will be two speakers who will, as previously with our Good Picture meetings, provide photographic practitioners, keen amateur and students with insights into Imaging.

This event is scheduled for **Saturday 11<sup>th</sup> April 2026, 1.00pm – 3.00pm**, if you would like to register your interest please contact the organiser **Dr Mike Christianson** at [pandm.christianson@gmail.com](mailto:pandm.christianson@gmail.com)

### Programme

**Chris Dainty PhD, Hon FRPS**  
*Emeritus Professor*

**Fundamental Limits of Mobile Phone Cameras**

Approximately 5 billion photos and 500 million hours of video are recorded on mobile phone cameras each day. The image quality is remarkable but falls short of that obtained by "real" digital cameras. What governs the image quality of phone cameras, and what aspect of them fundamentally limits their performance?

**Dr Rita Hofmann–Sievert Hon FRPS**

**Material Science in Photography: Surface and Nanostructures**

To master the capture and recording of light, scientists in the photographic industry had to master materials on the submicron and nanometre scale, well before modern tools of nanotechnology were available.

We perceive materials as homogenous pieces of matter with defined physical and chemical properties. But it is often their surface, with sometimes very different characteristics, that interacts with light and the environment. The presentation will address some of the surface science involved in image output materials.

