

Past and Present of ZEISS

As mysterious the origin of the simple microscope is, still remaining in the dark, as certain is the birth hour of the modern compound light microscope: The development of the “scientific microscope making” without any doubt has its origin and roots in the optical workshops of Carl Zeiß in Jena. This talk takes you on a journey through the technological evolution of the microscope that we all know from our daily work through more than a centenary, illuminating continuous innovation in the field of microscopy driven by CARL ZEISS.

We start with a short overview of the development of the simple and compound microscope, have a look at the workshop of Carl Zeiß in 1846 and are overwhelmed by the progress in technology introduced by Prof. Ernst Abbe. We will have a closer look at the evolution of ultra-darkfield-, fluorescence-, phase-, interference contrast as well as stereo microscopy. We will also learn about milestone instruments that are linked to our brand-name.