In this workshop we shed light on our own visual system. How do eyes turn light into signals the brain can understand? And how do our brains then make sense of all this information?

After a quick tour of different visual systems (in humans and other animals) based on fascinating optical illusions, we introduce you to the world of visual neuroscience with the aid of fun and eye-opening DIY experiments. In parallel, we demonstrate the power of modern artificial intelligence (AI) and why it’s often the best plan to just copy from nature. Through this workshop everybody can learn how easily perception is tricked and that even computers make similar mistakes.