

Camera Course Agenda

Mathias Pasche – Field Application Specialist

Louis Keal – Field Application Specialist

Day 1 – 26.07.2018

10.00: Introduction

10.10: Presentations

- **Imaging 101**
- **Resolution and FOV**
- **CCD sensors**

11.30: Practicals

12.30: Lunch

13.30: Presentations

- **Noise and signal to noise**
- **EMCCD sensors**
- **CMOS sensors**
- **New CMOS technology**

14.30: Coffee Break

14.45: Practicals

16.15: End

18.00: Dinner (optional)

Day 2 – 27.07.2018

10.00: Presentations

- **Sensitivity and Spectral Response**
- **Gain and Dynamic Range**
- **Speed and Interfaces**

11.30: Practicals

12.30: Lunch

13.30: Presentations

- **Colour cameras**
- **Multi-channel imaging**
- **Triggering**

14.30: Coffee Break

14.45: Practicals

16.15: End