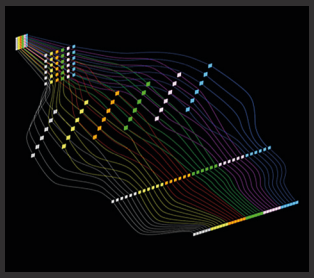
KNOWLEDGE EXCHANGE
Between Industry and Astronomy

Wednesday 29 June 2016

Many scientific advances in astronomy have come about by the adoption and development of technology taken from industry, from the first telescopes that came out of the spectacle industry in the Netherlands to modern electronic detector arrays. There are also powerful examples of the process working in the other direction, such as Wi-Fi algorithms and high-speed cameras.

This meeting aims to explore these processes by presenting some examples from the OPTICON technology development programme and elsewhere to stimulate discussion on best practice and on how to overcome barriers in order to both maximise scientific impact and generate economic and societal benefit. It will be followed by a networking opportunity and refreshments.

Credit: ESO/Y. Beletsky



EVENT PROGRAMME

17:30 **Knowledge Exchange: a driving force for progress in Astronomy and an Economic benefit to Society** Colin Cunningham (United Kingdom Astronomy Technology Centre, Edinburgh)

17:45 **Case study: High Speed Detectors** Philippe Feautrier, Institut de Planétologie et d'Astrophysique de Grenoble (France)

17:55 **Case study: Advanced Gratings** Andrea Bianco, INAF - Osservatorio Astronomico di Brera (Italy)

18:05 **Case study: Adaptive Optics** Richard Myers (Durham University (UK)

18:15 **Case study: Ultrafast Laser Inscription** Robert Thomson, Heriot-Watt University (UK)

18:25 **Panel Discussion: Speakers + Industry:** Future Opportunities and Barriers

18:45 **Networking Buffet**

PLACE, DATE & TIME

PLACE: Lowther Room EICC
DATE: Wednesday 29 June 2016
TIME: 5.30 p.m.

ADMISSION

TICKETS: £FREE
BOOKING: http://bit.ly/opticonke2016

Science & Technology Facilities Council
UK Astronomy Technology Centre

OPTICON

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http://www.astro-opticon.org/