**CALL FOR POSTERS**

**The transformative potential of data and image analysis for eye care**

**A Royal Society Science+ meeting, 23-24 April 2018**

**Royal Society, Carlton House Terrace, London**

<https://royalsociety.org/science-events-and-lectures/2018/04/image-analysis-for-eyecare/>

**ABOUT THE EVENT**

Posters are invited for presentation at a Science+ interdisciplinary meeting aiming to capture advancements and scientific / translational needs and opportunities for eye care research offered by data and image analysis, including harnessing the potential of the eye as a source of biomarkers for systemic conditions. Pre- and post-doctoral junior authors are especially encouraged to register and to submit abstracts.

It is crucial that research on data and image analysis for eye care keeps the needs of the clinical field in sight, and, conversely, practitioners and their representative bodies keep abreast of current image and data analysis research. It is therefore timely to bring together practitioners and researchers from ophthalmology, optometry, and imaging and computer sciences via a Science+ meeting. The aim is to share experiences, aspirations and opportunities, and to identify key opportunities, challenges, unanswered questions and ways of working collaboratively. The speakers include subject specialists from eye health, vision science, medical image processing, statistics, machine learning and data analytics, and large-scale repositories of clinical data.

The event will incorporate a modified Delphi exercise to elicit priorities for future research from a structured discussion, with pre-, at- and post-event phases managed by the College of Optometrists. Results will be disseminated to attendees, membership of the supporting colleges, and to the relevant research communities.

**COMPETITIVE TRAVEL AWARDS**

Four competitive travel awards for PhD students and junior researchers (who must be first authors) are available, sponsored by the College of Optometrists. Please specify in your application whether you intend to apply for one.

**WHAT / HOW TO SUBMIT**

Submit (1) a 1-page summary including figures and references, Arial font point size 10, summarizing the contents of your poster, in Word or PDF format, and (2) a 200-word abstract (no figures) in Word format.

Please email (1) and (2) to *both* Dr Rebecca Burns, [scientific.meetings@royalsociety.org](mailto:scientific.meetings@royalsociety.org) , and Prof Emanuele Trucco, [e.trucco@dundee.ac.uk](mailto:e.trucco@dundee.ac.uk).

Accepted abstracts will appear in the event’s printed booklet, available at the meeting.

**SUBMISSION DEADLINE**

Monday 19th March 2018.

**ORGANIZERS**

*Emanuele Trucco* VAMPIRE project, University of Dundee

*Paul Foster* Moorfields/UCL

*Caroline MacEwen* Ophthalmology, University of Dundee and Royal College of Ophthalmologists

*Tunde Peto* Queen’s University Belfast and Moorfields/UCL

*Michael Bowen* College of Optometrists

**FURTHER INFORMATION**

Local arrangements incl. day booklet: R Burns, [scientific.meetings@royalsociety.org](mailto:scientific.meetings@royalsociety.org).

Travel awards, Delphi session: M Bowen, [michael.bowen@college-optometrists.org](mailto:michael.bowen@college-optometrists.org).

Any other information: E Trucco, [e.trucco@dundee.ac.uk](mailto:e.trucco@dundee.ac.uk).

Registration (free): see event URL at the top of the page.