INTRODUCTION

SPIE and the Hyperspectral Imaging Centre at the University of Strathclyde invite you to participate in HSI 2020, the 8th international conference on Hyperspectral Imaging.

While many of us look forward to meeting at this biennial conference in the UK, following public health guidance and our focus on your wellbeing, SPIE is running the 2020 conference as a free to attend Digital Forum.

This programme brings together individuals from all fields including researchers, application engineers, manufacturers, users in industry - with the aim of exchanging knowledge and investigating the latest techniques & developments in this exciting technology.

Oral presentations
The organising committee will be preparing an invited speaker programme, a combination of live and pre-recorded presentations, a contributed poster session and product presentations, all arranged in an easy to attend, and free, schedule. Leaders in the industry, research experts and entrepreneurs will be presenting their latest work.

Poster presentations
The popular poster session consists of contributed papers from students, early career scientists and companies who are researching novel and exciting new techniques or unique applications.

Call for Posters - see page 2

KEY TECHNOLOGIES

Current needs of the industry will be discussed; Cameras, Classification, how to process data obtained by AI and Machine Learning techniques. Novel techniques for Real-time classification of viewed images, Food industry needs, sorting of extraordinary mixtures.

In collaboration with the Hyperspectral Imaging Centre

ORGANISING COMMITTEE

Prof Steve Marshall (Chair), Hyperspectral Imaging Centre, University of Strathclyde, Glasgow.
Dr Jinchang Ren (Co-Chair), Hyperspectral Imaging Centre, University of Strathclyde, Glasgow
Dr Nick Barnett Pro-Lite Technology, Cranfield.
Dr Chloe Barnes 2Excel geo, Sywell.
Dr Neil Clancy Department of Surgery and Cancer, Imperial College London.
Prof Aoife Gowen School of Biosystems and Food Engineering, University College Dublin, Ireland.
Dr Matt Gunn Dept of Physics, Aberystwyth University.

SPIE remains committed to advancing light-based research and meeting the needs of the scientific community by providing you with a platform for sharing your work and connecting you with the global scientific community.

In light of this a necessary decision has been taken that the 2020 Photonex event and this programme will be run online.

FOR MORE DETAILS CONTACT: Laurence Devereux, SPIE Europe Tel: +44 7831 631053 Email: laurence@spieeurope.org

MORE INFORMATION & TO REGISTER: SPIE.org/px
This meeting gives you the opportunity to contribute to research knowledge, to meet with like-minded researchers and to network at a high level.

We are keen to involve students, early career scientists and companies who are researching novel and exciting new techniques or unique applications.

Posters will be located alongside the Photonex exhibition area for maximum exposure, impact and will provide an invaluable networking opportunity.

Subjects may include, but are not limited to:
- Antiquity Analysis
- Biomedical imaging
- Cameras
- Chemical imaging
- Colour imaging
- Counterfeit detection (drugs/currency)
- Defence
- Food (sorting/technologies)
- Hyperspectral imaging on the production line
- Hyperspectral vs multispectral
- Moisture profiling
- Processing spectral signatures
- Remote sensing (environmental/agriculture)
- Security
- Sensor technologies
- … and associated subjects such as drone technology and processing of data into meaningful results.

WIN SPIE POSTER PRIZE!
Prizes will be given for Best Poster as voted for by the Organisers.
PhD supervisors - announce this opportunity to your students early!

POSTER SUBMISSION:
Submit an abstract for participation at: http://spie.org/PX102

What you will need to submit
A completed electronic submission should include the following:
- Title
- Author(s) information
- 250-word abstract for technical review
- 100-word summary for the program

Note: Only original material should be submitted. Commercial papers, papers with no new research/development content, and papers with proprietary restrictions will not be accepted for presentation (unless such a paper is by invitation).

Deadline for submission is 9 September 2020;
Authors will receive acceptance notification on 16 September.

PAPER PUBLICATION
Presenting authors, including keynote, oral and poster presenters, should publish their presentation in Proceedings of SPIE in the SPIE Digital Library.

An author or co-author will:
- Register and attend the meeting.
- Present as scheduled.
- Publish a 6- to 20-page manuscript.

Acceptance subject to committee review.

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