The International Association for Spectral Imaging

IASIM – 10

18th and 19th November 2010

plus

Introduction to Hyperspectral Imaging and Software Shootout
17th November 2010

Teagasc
Ashtown Food Research Centre
Ashtown, Dublin 15
Ireland

Background and Objectives

The International Association for Spectral Imaging invites you to Dublin for IASIM-10, a conference on spectral imaging. IASIM provides a single forum for the international spectral imaging community regardless of the spectral (ultraviolet, visible, near, mid or far infrared) or spatial range (microscopic, macroscopic, remote sensing) of images. Continuing in the spirit and focus of EASIM-09, this conference welcomes submissions from imaging researchers in all fields and will strive to explore commonalities across platforms and applications. Given the different development stages of various imaging techniques, cross-fertilisation of ideas and exchange of experience with mathematical exploration techniques will form the bedrock of this third conference.

IASIM-10 will comprise two full days of scientific sessions exploring (i) instrumentation and problems associated with image acquisition, (ii) chemometrics and data processing issues and (iii) a wide range of applications from the agricultural, food, pharmaceutical and remote sensing research communities.

The programme will follow the successful format of the previous conference with technical sessions involving presentations by invited speakers on key topics, shorter talks on successful applications and problematic issues of spectral imaging, as well as a general poster session. There will be no parallel sessions, allowing for maximum opportunities for learning and interaction.

An informal 'hands on' image analysis session on the day preceding the workshop will be held during which attendees will be invited to present favourite software tools which demonstrate the philosophy and mathematical approaches used in their own image research fields. To facilitate direct comparisons of different approaches, the conference organisers will provide a set of standardised images available for download in various file formats. A general half-day "Introduction to Hyperspectral Imaging" short course will be offered prior to the software shootout.

More information at: http://www.impublications.com/imaging/iasim-10