The CIGR Working Group on Image Analysis for Agricultural Products and Processes is organizing the conference to increase the collaboration between institutions, academia, government, industry and individuals in the field of computer vision and image analysis for food and agriculture.

This conference is open to all researchers interested in optical systems for agricultural products and processes. Imaging technology has been growing considerably in recent years for the diverse applications from remote sensing to microscope imaging with improvement of equipments from single band monochrome imaging to hyperspectral imaging.

Machine vision systems allow processing automation for food and agricultural industry with powerful electromagnetic spectra with ultra-violet (UV), visible, near-infrared (NIR) and short wavelength infrared (SWIR) that are capable of monitoring processes and inspecting products with a high speed that would otherwise not be possible.

The recent advances of imaging technology open lines of research: hyperspectral imaging, multispectral imaging, spectroscopy, microscopic imaging, real-time inspection, infrared thermography, etc. These cause constant needs to develop new methods, systems and algorithms capable of deal with the large amount of information provided by these systems, and to create innovative developments that can be transferred to the industry for a practical use.

The V International Workshop on Computer Image Analysis in Agriculture is a forum for scientists, engineers and managers involved in the development of new techniques of computer vision and spectroscopy for agricultural applications in order to share knowledge in this field and achieve an improvement in productivity.

In addition to the publication of the proceedings, selected authors attending the workshop will be invited to submit extended versions of their papers for publication in a Special Issue of Biosystems Engineering on Image Processing for Agricultural Products and Processes. With your participation, we are confident that the Conference will be a great success.

**CONFERECE CHAIRS**
Bosoon Park, Co-Chair (USA)
Jose Blasco, Co-Chair (Spain)
Enrique Molto, Co-Chair (Spain)

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