Light is life, what you need to know about driving High Brightness LEDs.

About the event:

LEDs are taking significant traction in the lighting market due to their lifetime, low cost of running, and the ability to control them for specific requirements. However, in order to achieve all of these things you need to ensure that you understand the intricacies of how to drive your LEDs correctly. A key focus of this process will be to select a power supply to maximize the performance of these LEDs. This lecture looks at the challenges facing a luminaire design team as they go through the specification and design stages of a light fixture. It will describe the design brief, projected performance parameters of the product, standards to be complied to and operational features to be met. It will also discuss future trends and portray to the audience what to expect from LED's.

Event details:

Date: Tuesday 11th December 2012
Time: 18:30
Venue: Rochestown Park Hotel, Cork

For further details on this event, check out our community calendar in the members area of the website or visit the Cork Region website.

Biography – Shane Callanan

Shane joined the Excelsys Technologies team in early 2006, and currently holds the role of Director of Applications Engineering. Prior to joining Excelsys Shane held a number of senior engineering positions at Artesyn Technologies and at EMC. He has considerable power supply design engineering experience and engineering team leadership experience in product development, NPI and customer programme management. Shane holds a Bachelor of Engineering (Hons) from Cork Institute of Technology and was also awarded the title of Chartered Engineer by the Institute of Engineers of Ireland in 2002 and was elected to Fellow by the Institute of Engineers in 2012.

Biography – Vincent Guenebaut

Vincent has a proven track record managing R&D and engineering departments in start-up environments having worked as Vision Algorithm Project Manager at Machine Vision Technology, Dublin, Vice-President for Engineering in Optical Metrology Innovations, Cork and finally head of product development at Nualight, Cork. Vincent has a strong understanding of high technology product development with a focus on design, innovation and quality excellence. Vincent holds a Ph.D. from the EMBL (Heidelberg, Germany) and two postdoctoral experiences on Scanning Tunnelling imaging and electron tomography.