

## The European Conference and Exhibition for Short Range (Low Power) Radio Devices

- ▶ for all that's new in regulations and technical developments
- ▶ for all involved in the SRD industry
- ▶ for all levels of expertise
- ▶ for YOU!



Sponsored by the Low Power Radio Association

## FOR COMPLIANCE AND SUCCESS

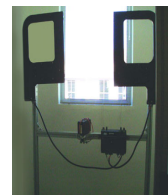
This year's Radio Solutions Conference is designed to show delegates how to get the best results from SRD systems and how European regulations apply to these devices. The emphasis is on practice rather than theory, and delegates do not need a background in electronics to benefit from the knowledge and experience of the presenters. Besides top-level speakers from the regulatory world, the programme includes speakers from the cutting edge of technology.

If you need to know what's in store for the licence-exempt spectrum, the Radio Solutions conference is, as ever, the place to find out.

## TALK TO THE MANUFACTURERS

An exhibition will run alongside the conference on Day 2 and Day 3. Come along and discuss your requirements with some well-known low power radio companies and see their latest products.

**Ipico**  
RFID systems



**Wood & Douglas**  
Radio modules and bespoke systems



**RF Solutions**  
RF systems, antennas & components



**MK Consultants**  
Radio modules & wireless sensors



## Radio Solutions Workshop

**DAY 1 - Wednesday 2nd June, 09.00 - 17.00**

*An informal guide to compliance and getting the best performance from SRDs in the real world.*  
Radio product approvals around the world - Steve Hayes, TRAC  
DIY guide to compliance, from testing to documentation - Nigel Gaylard, Trimerix  
RF ASICs v discrete radio telemetry designs: a critical analysis - Rob Garth, Wood & Douglas  
Performance improvements of RF ASICs - Andreas Laute, Melexis  
The antenna - introduction to theory and design - Brian Collins, Antenova  
Microwaves: wireless but different - John Hallatt, Microwave Solutions  
Energy consumption at the physical layer in low power SRD systems  
Conor O'Mahony, Analog Devices  
Firmware in embedded radios - Brian Back, LPRA

## Radio Solutions Conference

**DAY 2 - Thursday 3rd June, 09.00 - 17.00**

- The importance of ITU-R activities to the SRD industry  
*Sergey Pastukh, Radio Research & Development Institute (NIIR), Moscow*
- European regulatory framework for SRDs, and the evolution of Recommendation 70-03  
*Mike Low, Ofcom*
- The UK's implementation of SRD regulations  
*Robin Donoghue, Ofcom*
- Developments in wireless medical applications  
*Peter Chadwick, Zarlink Semiconductor*
- Open Standards for smart homes and buildings  
*Joost Demarest, KNX Association*
- Production & regulatory challenges for the integration of radio communications devices  
*Robert Ufford, Sivix Corporation*
- RFID technology: use of phased-array antennas  
*Dr William Davidson, Solutions Bi-PhAR, a Division of Bi-PhAR Technologies Inc.*
- Bluetooth, Zigbee, Z-wave, UWB, Wi-fi and NFC: comparison & examples  
*Nick Hunn, WiFore*
- Microwave applications in the automotive sector  
*Gerhard Rollmann, SARA Group*
- Short-range UHF transceivers for passive SAW sensors in vehicles  
*John Beckley, Transense Technologies*

## Radio Solutions Conference

**DAY 3 - Friday 4th June, 09.00 - 16.30**

- EC strategy for SRD spectrum regulations  
*FCC spectrum strategy and its impact on SRDs*  
*Julius Knapp, FCC (tbc)*
- Wireless microphones - a future?  
*Alan March, Sennheiser*
- ETSI Generic Standards for SRDs  
*Nick Long, Great Circle Design*
- Smart Metering in the UK  
*Jeff Cooper, Elster Metering*
- Mission-critical SRD applications and receiver class requirements  
*Panel discussion*
- Bluetooth, Zigbee & other SRDs: certification, qualification & regulatory testing unravelled  
*Joe Lomako, TRAC*
- GRIFS (Global RFID Interoperability Forum for Standards)  
*John Greaves, Spherion*

Further information on these topics can be found on [www.lpra.eu](http://www.lpra.eu). Please also check this website for any late changes to the programme.

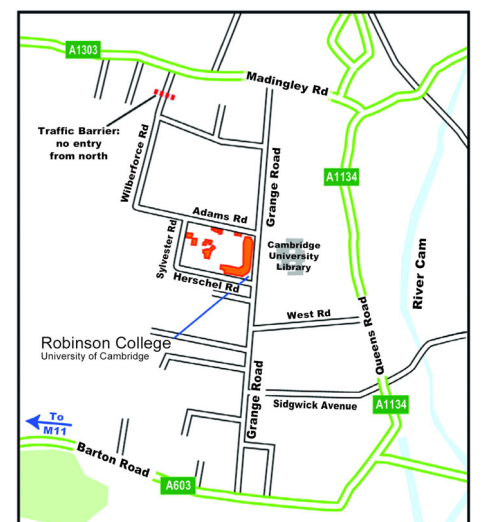
## VENUE

**Robinson College, Grange Road, Cambridge CB3 9AN**

Free parking is available at the college's sports ground, left at the end of Adams Road (10 minutes' walk or by shuttle bus).



How to find us - by road from the M11  
1. Exit at Junction 12 onto the A603 Barton Road  
2. Follow signs for Cambridge along Barton Road  
3. Less than half a mile after entering the city turn left onto Grange Road  
4. Half a mile on the left is the College (distinctive red brick building, opposite the library tower)



## RATES

Radio Solutions Workshop (Day 1)  
Conference Day 2 or 3  
Conference Days 2 and 3

### LPRA members

£265 (€305)  
£250 (€285)  
£370 (€425)

### Non-members

£365 (€420)  
£350 (€400)  
£525 (€600)

## REGISTRATION

Please register online at [www.lpra.eu](http://www.lpra.eu)  
Remember to indicate which conference day(s) you wish to attend. Payment is required prior to the event. Once you have registered you will receive full information on discounted hotel rates, on-site registration times, etc.

## A SPECIAL GALA DINNER!

**Register quickly as space is limited!**

The LPRA has arranged a gala dinner in the Upper Hall at Jesus College on June 3rd. Priority will be given to speakers and exhibitors, but conference delegates will be offered the remaining places. This is a unique opportunity to dine in one of Cambridge University's oldest and most famous colleges, founded in 1496.



For further information on the Radio Solutions 2010 Conference & Exhibition, please visit [www.lpra.eu](http://www.lpra.eu) or contact the organizer: [stella@stiegeler.f2s.com](mailto:stella@stiegeler.f2s.com)