



# **LPRA** **RADIO SOLUTIONS** **2008**

## **The European Conference & Exhibition for Short Range Radio Devices**

**Wireless  
Regulations**

**Market Sector  
Updates**

**Developing  
Technologies**

**28-30 May 2008**

**ETSI, Sophia, Antipolis, Nice, France**

# WHAT YOU NEED TO KNOW TO SELL SRDs IN EUROPE

The emphasis in this year's Radio Solutions Conference is on the European regulations for Short Range Radio Devices: how to ensure that your products are compliant. Some important changes have taken place since the last Radio Solutions was held, and routes to compliance can seem complex. Here is a unique opportunity to hear from the regulators themselves what the requirements are, with practical advice from one of the leading Test Houses.

What is the future for licence-exempt spectrum? The LPRA is proud to welcome two European Commissioners to address this question (and you might be surprised at what you hear!).

The programme also includes the very latest from some of the principal industry sectors, and innovations in the technology itself. See the programme opposite for details.

## EXHIBITORS INCLUDE:

- Analog Devices** High-performance RF transceiver ICs (75 MHz to 1 GHz) for short-range wireless applications
- AnSem NV** IC design services focussing on ultra-low-power RF ICs, showing examples of ultra-low-power IC solutions
- LPRS** Chip-based OEM radio modules with unique software interface operating from simple RS232 connectivity: the "easyRadio" range covers the licence-free 433/868/915 MHz radio bands
- ProAnt AB** Embedded and external antennas from 400 MHz to 4 GHz
- Radio-Tech** Automatic meter reading for water, waste, sewage & food chain temperature monitoring, street light management systems, and new Legionella Control & Monitoring system
- Wood & Douglas** Extensive range of low power radio modules & recent bespoke developments

*(Note: visitors can attend the exhibition only, free of charge)*

# CONFERENCE PROGRAMME

## Thursday 29th May

**09.30-17.00**

### **REGULATIONS & ROUTES TO COMPLIANCE**

**Keynote speaker** - Mark Bogers, European Commission

**R & TTE compliance: how do I get my product to market?** - Steve Hayes, TRAC-Global

**A guide to selecting European Standards for SRDs** - Michael Sharpe, ETSI

**Compliance and enforcement** - Clive Corrie, OFCOM

**Structure of the legal decision-making process for SRDs** - (TBC)

**The future of licence-exempt spectrum** - Erik Moll, European Commission

**Road map to global harmonization** - Yves Ollivier, ANFR

**Global harmonization: an American perspective** - FCC (TBC)

## Friday 30th May

*(Please choose one of the two Sector Updates below (these morning sessions are being run in parallel)).*

**09.30-12.45**

### **SECTOR UPDATE (TRACK 1)**

**Near Field is Nearly Here: RFID at 13.56 MHz** - David Birch, Consult Huperion

**Commissioning RFID Systems on Airport Conveyors** - Richard Rees, Scanology

**Intelligent Transport Systems: an Overview** - Bob Williams, CSI

**Role of 63-66 GHz radio technologies in ITS** - Alan Dearlove, Copsey Telecomms

**09.30-12.45**

### **SECTOR UPDATE (TRACK 2)**

**Telemetry & Automatic Meter Reading** - Brian Back, Radio-Tech

**Wireless Medical Applications** - Peter Chadwick, Zarlink Semiconductors

**Home Automation** - Jean-Michel Orsat, Somfy

**Propagation of radio waves in buildings** - Walter Vollenweider, Siemens

**Cordless Audio & Radio Microphones** - Brian Copsey, Copsey Communications Consultants

**14.15-17.00**

### **DEVELOPMENTS IN TECHNOLOGY (TRACK 1 & TRACK 2)**

**Trends in RF Design** - Nigel Gaylard, Trimerix

**Trends in Ultra-low-power RF IC Design** - Bas Dorren, AnSem NV

**Automotive Short-range Radar (24 + 79 GHz)** - Josef Schuermann / Gerhard Rollmann, SARA Group

**Antenna Design** - Tomas Rutfors, ProAnt AB

**Processor Extensions for Software-defined Radio** - Francisco Barat, NXP Semiconductors

# RADIO DESIGN WORKSHOP

Wednesday 28th May 09.30-17.00

A practical guide to making a successful product using an off-the-shelf RF IC. Covering: what the application notes don't tell you; how to get the promised performance; how to make it work in the real world; how to meet the regulations. Comprehensive course notes are provided.

**Presenters: Nick Long & Chris Bartram**

- Frequency Control
- Filter Technologies and Performance
- Class 1, 2 and 3 Receivers: what do these mean?
- Link Budget and Antennas
- Review of some of the ICs available
- System components
- Using an RFIC in Practice
- Tools available
- Spectrum Access and Regulations
- Compliance with the law



## VENUE

European Telecommunications Standards Institute (ETSI)  
650 route des Lucioles, Sophia Antipolis, Nice, France

## RATES

*One full day:*

LPRA members €425 £300

Non-members €575 £400

*Two full days:*

LPRA members €600 £420

Non-members €825 £575

*Radio Design Workshop:*

LPRA members €450 £315

Non-members €700 £490

## REGISTRATION

**Please register online at [www.lpra.eu](http://www.lpra.eu)**

Remember to indicate which conference sessions you wish to attend.

Payment must be received prior to the event. You will then be contacted with full details of discounted hotel rates, taxis, etc. Further information is given on the website, or contact the Conference Organizer:

[stella@stiegeler.f2s.com](mailto:stella@stiegeler.f2s.com)