shanghai intelligent building technology
上海国际智能建筑展览会

国际智能建筑标准技术论坛
Shanghai Intelligent Building Technology - Building Standard Forum

四号馆内会议室 A
Conference Room A (Hall 4)
21 / 9 / 2012
10:00 - 12:30

主题 Topic： **无线无源智能楼宇系统在绿色节能建筑中的应用**
Energy & Cost Savings through Energy Harvesting Wireless Building Automation Systems

演讲人 Speaker: **Graham Martin, Chairman and CEO, EnOcean Alliance**
格雷汉姆·马丁先生，易能森联盟主席兼首席执行官

10:45 – 11:30 (21 / 9 / 2012)

EnOcean's energy harvesting wireless modules take the power they need to work from the surrounding environment – from motion, light or changes in temperature. Therefore EnOcean based devices don't need batteries and are maintenance-free. In green buildings, integrators of energy harvesting devices have unprecedented freedom to place controls wherever they will achieve optimal efficiency – with minimal invasiveness to the structure.
Today well over 250,000 buildings deploy energy harvesting wireless sensors used in over 1000 interoperable products from dozens of manufacturers based on the EnOcean IEC standard governed by the non-profit organisation EnOcean Alliance. The EnOcean Alliance has more than 300 member companies worldwide which integrate EnOcean technology in their products for intelligent wireless automation. The energy harvesting wireless sensor-equipped buildings enjoy multiple savings, starting with initial planning through installation.

易能森(EnOcean)无线能量采集模块从周围环境中采集能量，如机械能、光能/太阳能、温差能等，用于供给自身工作。因此基于易能森技术的设备无需使用电池，且完全免维护。在绿色智能建筑中，易能森产品大大提高了灵活性，降低安装使用成本。

目前，在易能森联盟(EnOcean Alliance)的管理下，已有 1,000 多种基于 EnOcean IEC 标准的互相兼容的产品成功应用于全球超过 250,000 栋建筑。易能森联盟在世界范围内拥有超过 300 家成员，将易能森技术用于他们的无线智能控制产品中。

Graham Martin
Chairman & CEO
EnOcean Alliance Inc.

enocean alliance
No Wires. No Batteries. No Limits.

Graham is a veteran in the semiconductor industry with 25 years experience in analogue and RF solutions at various Engineering, Sales and Marketing positions in USA, GB, Germany, Austria and Norway. Before joining EnOcean he was a worldwide pioneer in low power wireless sensor networks at leading start-up Chipcon (purchased 2006 by Texas Instruments) where he conducted the worldwide business development activities, served as President of Figure8Wireless and was Vice President of the ZigBee Alliance. Graham studied in USA and GB and is a Physics Graduate from the University of Edinburgh, Scotland.