

# FAROUK BALOUCHI

f.balouchi@IDTechEx.com

[www.IDTechEx.com](http://www.IDTechEx.com)



**IDTechEx**

**10,000 HUMAN-POWERED  
WIRELESS SWITCHES  
AND ROOM LIGHT-POWERED  
SENSORS ARE SAVING  
100,000 BATTERIES ALONE \***

\* Not to mention tens of miles of cabling  
in these two 55 floor buildings.



**IDTechEx**

# OUR SERVICES



## CONSULTANCY:

Over 250 consultancy projects, most under NDA. A few companies we can mention include: Hewlett Packard, Shell ICI, Rexam, Whirlpool Europe, Guinness UDV, Thin Film Electronics. PolyTechnos, Cazenove investment, Schiphol Airport.



## EVENTS:

Run over 50 events in past 10 years. IDTechEx organise the World's largest events for Printed Electronics. 10 events/year across Asia, USA and Europe.



## PUBLICATIONS:

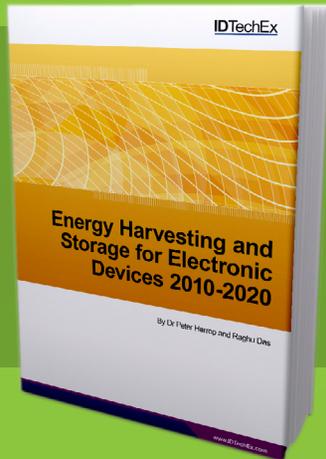
Over 38 titles published with 8 additional titles planned for 2010.  
Web Portals: Printed Electronics World & Energy Harvesting Journal  
World's largest RFID case study knowledgebase.  
World's Largest Printed Electronics Suppliers database

[www.IDTechEx.com](http://www.IDTechEx.com)



**IDTechEx**

# PUBLICATIONS



## ENERGY HARVESTING & STORAGE FOR ELECTRONIC DEVICES 2010-2020

Energy harvesting is the use of ambient energy to power small electronic or electrical devices. This report looks at the full range of energy harvesting technologies, covering technical progress, applications, performance criteria still to be met, and ten year forecasts. It covers progress with energy storage devices - such as supercapacitors and batteries. Details of suppliers and universities around the world are given along with appraisal of the market for these devices and opportunities for developers. Ten year forecasts by application and technology are given.



## Active RFID and Sensor Networks 2011-2021

## Wireless Sensor Networks 2010-2020

## Energy Harvesting in Action



[www.IDTechEx.com](http://www.IDTechEx.com)



**IDTechEx**

# CONFERENCE

EUROPE'S LARGEST  
CONFERENCE & EXHIBITION  
ON THE TOPIC

HANDS-ON DEMONSTRATIONS  
OF ENERGY HARVESTING



DEDICATED CONFERENCE TRACKS

- The Built and Industrial Environment
- Consumer Goods and Electronics
- Healthcare and Body Area Networks
- Vehicles
- Textiles



TOURS TO SOME OF MUNICH'S  
LEADING ENERGY HARVESTERS



INTERACTIVE MASTERCLASS  
SESSIONS

Gold sponsor



Silver sponsors



A C T I V E R F I D A P P L I E D

21-22 JUNE 2011  
MUNICH

For more information:



+44 (0)1223 813703



Corinne@IDTechEx.com

# STAY UPDATED

TRULY GLOBAL DAILY NEWS  
INTERPRETED BY EXPERTS



[www,EnergyHarvestingJournal.com](http://www.EnergyHarvestingJournal.com)



[IDTechEx](http://www.IDTechEx.com)