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IEEE COMMUNICATIONS SOCIETY



Decode the Complex Future of Networked Appliances at

The IEEE Fifth International Workshop on Networked Appliances (IWNA-5)

30-31 October 2002

Liverpool John Moores University, Liverpool, UK

<http://www.cms.livjm.ac.uk/iwna5>

Sponsored by: The IEEE Communications Society

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The workshop follows from the previous four that were held in the USA and Far-East and build on the increasing requirements for network connectivity of all manner of devices. As more and more appliances in homes and offices - lights, toasters, refrigerators, TVs, printers, faxes, etc. - become digital and intelligent, networking them together offers intriguing possibilities and challenges. In the future, not only will we be able to control and exchange information between devices but also enhance their capabilities through interactive synergy resulting in new application areas. This workshop will explore a wide range of technical issues. Presentations will cover various appliance interconnection approaches, mechanisms and technologies, as well as the challenges of networking the devices to achieve interoperability. While the home network environment has been the focus of much Networked Appliance work, we also expect presentations on appliance devices, applications in the wider context of mobility, interoperability, and wearability. Technical information is available from Prof. Madjid Merabti, LJMU; +44(0)151-231-2284; M.Merabti@livjm.ac.uk. For corporate sponsorship information / registration assistance please contact Carol Oliver via e-mail: c.oliver@livjm.ac.uk.

Topics:

- Novel applications for Networked Appliances
- Field trials of the Networked Home
- Impacts of Broadband to the home on Networked Appliances
- Wearable Computing
- Ubiquitous & Pervasive Computing
- Programming Environments for Networked Appliances
- Application Management and Behavior as a Result of Networked Knowledge
- Service and Application Providers, Commercial Services
- Applications and Appliances for the Special Needs Community
- Operating Systems and User Interfaces and Usability
- Protocol, Programming Environment & Transmission Standards
- Device Discovery and Control Paradigms
- Home Networking (e.g. Home Intranet, Residential Gateways)
- Security (e.g. AAA, Integrity, Firewalls)
- Network and Multimedia Applications and Appliances (Home & Small Business)
- Interoperability, Data & Program Migration Path
- Reliability, Availability & Survivability (Backup, Storage, Upgrades and Recovery)

Papers should be limited to 6 pages in length and sent to c.oliver@livjm.ac.uk. Papers should contain suitable contact information, title and abstract. Submissions in PDF format are preferred, though Word or Postscript formats are acceptable.

Registration:

Registration for IWNA5 is £200, which includes the workshop, proceedings, lunch and refreshments, and the workshop evening dinner.

Corporate Sponsors:

Your company or organization may be interested in becoming a corporate sponsor of this workshop. For £500 your company's or organization's name and logo will appear in the proceeding and on the workshop web site. Also your company or organization will be allocated a table (6'x 3') in or near the registration area to display its corporate literature, products and/or working prototypes that you supply, setup and maintain (no pricing information on your products and services shall be included at this workshop). See the workshop web site <http://www.cms.livjm.ac.uk/iwna5> for more information. Email your questions, with a subject line of "IWNA5", to: M.Merabti@livjm.ac.uk

Important Dates:	Paper submission deadline	September 16, 2002
	Notification of acceptance	September 23, 2002
	Camera ready papers due	September 30, 2002