We're continuing to fight for universal access to quality information—and you can help as we continue to make improvements. Will you chip in?

http://www.tinyos.net/ Go FEB MAR APR
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TinyOS

First European TinyOS Technology Exchange (ETTX 2009), February 10th, Cork, Ireland

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List *your* project on the TinyOS site!

Click here to quickly register your project. We will post your project on our TinyOS Projects page.

Login

Make a new account

Username:

Password:

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Latest News

BodyNets 2009: Call for Participation

By hackmann, Section Events
Wed Mar 18th, 2009 at 12:29:46 PM PST

4th International Conference on Body Area Networks
April 1-3, 2009
Ronald Reagan UCLA Medical Center
Los Angeles, CA, USA
http://www.bodynets.org
Sponsored by ICST
Technical support from ACM

NEW STUDENT REGISTRATION DISCOUNT
Generous contributions from Microsoft and Qualcomm have enabled a reduced student registration fee of $50 for the first 30 students who register.

(545 words in story) Full Story

ACM SenSys 2009: Call for Papers

By beutel, Section News
Mon Mar 9th, 2009 at 01:28:55 AM PST

ACM SenSys 2009 is currently soliciting paper submissions.

See the call for papers for details.

Deadline for registering papers is April 1, full papers are due April 8.
Comments >>

A Look Back at ETTX 2009

By vlahan, Section Events
Thu Feb 19th, 2009 at 03:20:14 PM PST

Dear TinyOS Community,

I hope you had a great time in Cork. With your help the ETTX 2009 has been a resounding success. We had 70 delegates and a packed program that had something for everyone.

If you could not make it to Cork, please consider visiting the event web site where you can find the:

- Videos from the keynote by David Culler and the tutorial by Phil Levis
- Slides from the talks in the Working Group Reports and Community Contribution Sessions

See you all at the next TTX,
Vlado Handziski
Comments >>

ACM/IEEE IPSN 2009: Call for Posters and Demos

By pal, Section Events
Wed Jan 28th, 2009 at 08:14:08 AM PST

ACM/IEEE IPSN 2009: Call for Posters and Demos
URL: http://ipsn.acm.org/2009/demos.html
Dates:

- Poster and demo submission deadline: January 30, 2009, 11:59pm (PST)
- Notification of acceptance: February 9, 2009
- Camera-ready abstracts: February 22, 2009

(507 words in story) Full Story

CFP: IEEE Transactions on Industrial Informatics Special Section

By hackmann, Section Events
Wed Jan 21st, 2009 at 08:51:10 PM PST

IEEE Transactions on Industrial Informatics Special Section on: "From Embedded Systems to Cooperating-Objects"

Paper submission deadline: May 31, 2009
Expected publication date: February/May 2010 (tentative)
Journal site: http://ieee-ies.org/tii/
Call for Papers: PDF

(208 words in story) Full Story

IPSN Workshop on Sensor Networks for Earth and Space Science Applications

By wenzhan, Section News
Wed Jan 21st, 2009 at 11:13:29 AM PST

IPSN Workshop on Sensor Networks for Earth and Space Science Applications

Dates:
* Submission: February 2, 2009
* Notification of Acceptance: March 7, 2009
* Final Version Due: March 22, 2009

(332 words in story) Full Story

IEEE 802.15.4 and ZigBee Working Group Formation

By vlahan, Section TinyOS Working Groups
Thu Jan 15th, 2009 at 08:44:39 AM PST

Two new TinyOS 2 Working Groups have been formed: a **IEEE 802.15.4 (15.4) Working Group** and a **ZigBee Working Group**.
(245 words in story) Full Story

Arch Rock Releases EPIC Motes and Modules Online

By metcalfc, Section TinyOS Platforms
Mon Jan 5th, 2009 at 05:59:51 PM PST

Arch Rock is pleased to announce that their EPIC based motes and modules are now available online.
(183 words in story) Full Story

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Welcome

What is TinyOS?

TinyOS is an *open-source operating system* designed for *wireless embedded sensor networks*. It features a *component-based architecture* which enables rapid innovation and implementation while minimizing code size as required by the severe memory constraints inherent in sensor networks. More >>

Check out who is using TinyOS.

TEP Finalization Status

Current TEP status:

Number	Status
TEP 1	Finalized
TEP 2	Finalized
TEP 101	Finalized
TEP 102	Finalized
TEP 103	Finalized
TEP 106	Finalized
TEP 107	Finalized
TEP 108	Finalized
TEP 109	Finalized
TEP 111	Finalized
TEP 112	Community Review
TEP 113	Finalized
TEP 114	Finalized
TEP 115	Finalized
TEP 116	Finalized
TEP 117	Finalized
TEP 118	Finalized

The TEP review wiki contains further detail on the status of TEPs, their text, and contact information for authors and community review organizers. The `tinyos-help` and `tinyos-devel` mailing lists are the principal forums for discussion, and the wiki provides another medium for comments.

The full list of TEPs and their status can be found on the TinyOS Working Groups Page.

Events

3RD INTERNATIONAL TINYOS TECHNOLOGY EXCHANGE
February 10, 2006 (find slides here)

SENSORS EXPO 2006
June 5-7, Rosemount IL

EMBEDDED SYSTEMS CONFERENCES
Taipei (August), Boston (September)

IEEE SECON
September 25-26, Reston VA

ACM SENSYS 2006
November 1-3, Boulder CO

INT'L WORKSHOP ON MIDDLEWARE FOR SENSOR NETWORKS (MIDSENS) 2006
November 28, Melbourne

In the Media

TINYOS COVER ARTICLE IN MAY SENSORS
Sensors, May 2006

MICROCONTROLLERS TO GAIN BIG FROM GROWTH OF MEMS SENSORS
Bourne Research, April 17 2006

VCS BACK WIRELESS SENSORS
Red Herring, April 10 2006

SENSORS WILL LET THINGS ALERT PEOPLE
Mercury News, April 3 2006

NEW SENSOR LINE INSPIRES STARTUPS
Wall Street Journal, March 27 2006

AGING BOOMERS: SENSOR NETS TO THE RESCUE?
Washington, D.C.

MOTES IN PRECISION-FARMING VINEYARDS
Discovery Channel

TINY COMPUTERS EVERYWHERE: MOTES IN TODAY'S HIGH-TECH SCIENCE
Discovery Channel Canada (5 MN VIDEO SEGMENT)

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