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# **IEEE 802.3 Working Group Opening Plenary 15 November 2004**

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# Introductions & Agenda

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- 802.3 Web Site – [www.ieee802.org/3](http://www.ieee802.org/3)
- Officers
  - 802.3 Chair: Bob Grow ([bob.grow@ieee.org](mailto:bob.grow@ieee.org))
  - 802.3 Vice Chair: David Law ([david\\_law@3com.com](mailto:david_law@3com.com))
  - 802.3 Secretary: Steve Carlson ([scarlson@esta.org](mailto:scarlson@esta.org))
  - P802.3REVam: David Law ([david\\_law@3com.com](mailto:david_law@3com.com))
  - P802.3an 10GBASE-T: Brad Booth ([bradley.booth@intel.com](mailto:bradley.booth@intel.com))
  - P802.3ap Backplane Ethernet: Adam Healey ([ahealey@agere.com](mailto:ahealey@agere.com))
  - P802.3aq 10GMMF: David Cunningham ([david\\_cunningham@agilent.com](mailto:david_cunningham@agilent.com))
  - Congestion Management SG: Ben Brown ([benjamin.brown@ieee.org](mailto:benjamin.brown@ieee.org))
  - Frame Expansion SG: Kevin Daines ([kevin.daines@wwp.com](mailto:kevin.daines@wwp.com))
  - Residential Ethernet SG: Steve Carlson ([scarlson@esta.org](mailto:scarlson@esta.org))
- Attendee introductions
- Approve agenda

# Published Standards

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- IEEE Std 802.3-2002 (8 Mar 2002)\*
- IEEE Std 802.3ae-2002 (30 Aug 2002)\*
- IEEE Std 802.3af-2003 (18 Jun 2003)\*
- IEEE Std 802.3aj-2003 (26 Sep 2003)\*
- IEEE Std 802.3ak-2004 (1 Mar 2004)\*
- IEEE Std 802.3ah-2004 (7 Sep 2004)
  
- IEEE Std 1802.3Rev-2001\*

\* Available through Get IEEE 802  
<http://standards.ieee.org/getieee802/802.3.html>

# Current WG Documents

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- P802.3REVam/D1.1
  - Consolidated edition merging: errata, 802.3ae, 802.3af, 802.3aj, 802.3ak and P802.3ah/D3.3
  - Maintenance #8 to be merged prior to sponsor ballot
- Interpretations and Maintenance requests posted
- 802.3 minutes posted
  - Approval of July minutes

# Attendance

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- Membership requirements (acquiring or retaining 802.3 voter status)
    - 75% attendance at 2 of last 4 plenary meetings (an interim may be substituted for one plenary)
    - Request to become member during 802.3 potential voter agenda item
    - Maintain valid contact information (stds-802-3 reflector)
    - Participate in 2 of last 3 WG ballots
  - Attendance books
    - Sign in each day, only for that day, only for yourself, and not for any other Working Group (no parallel sign-ins)
    - Two books
      - Members and observers (i.e., signed in during last year)
      - New attendees & update contact information
  - Review membership lists – potential voters
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# 802.3 Members (voters) p.1

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Abaye, Ali	Bemmel, Vincent	Cheong, Kok-Wui
AbuGhazaleh, Shadi	Bennett, Mike	Chopra, Rahul
Adriaennsens, Luc	Bohbot, Michel	Chou, Joseph
Alderrou, Don	Booth, Brad	Chow, Jacky
Amer, Khaled	Boucino, Thomas J.	Claseman, George
Amin, Nitish	Bradshaw, Peter	Cobb, Terry
Armijo, Bert	Braga, Al	Cohen, Larry
Babanezhad, Joseph N	Brand, Richard	Cornejo, Edward
Barrass, Hugh	Brown, Benjamin	Cravens, George
Baumer, Howard	Brown, Kevin	Cunningham, David
Beaudoin, Denis	Busse, Robert	D'Ambrosia, John
Beck, Michaël	Cain, Jeff	Dabiri, Dariush
Beili, Edward	Carlson, Steve	Daines, Kevin
Beliaev, Alexei	Cates, Ron	Dallesasse, John
Below, Randy J.	Chen, Xiaopeng	Dawe, Piers

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## 802.3 Members (voters) p.2

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De Andrea, John

Di Minico, Chris

Diab, Wael

Dineen, Thomas

Dove, Dan

Dupuis, Joseph E.

Easley, J. Craig

Eckert, Edward J.

Eisler, George

Ensign, Brian S.

Ewen , John F.

Fanfoni, Sabina

Flatman, Alan

Frazier, Howard

Fujimoto, Yukihiro

Gaither, Justin

George, John

Gerhardt, Floyd

Ghiasi, Ali

Goergen, Joel

Graham, Rich

Grow, Robert M.

Gyurek, Russ

Hammond, Bernie

Haran, Onn

Hazarika, Asif

Healey, Adam

Heckroth, Jim

Hegde, Gopal

Higuchi, Tetsuya

Horvat, Michael

Hurwitz, Walter K.

Jaeger, John

Jiang, Wenbin

Jones, William W.

Jonsson, Ulf

Jørgensen, Thomas K.

Kaku, Shinkyō

Kasai, Yuji

Kasturia, Sanjay

Kenny, John J.

Kim, Chan

Kim, Yongbum

Kimpe, Marc

King, Neal

## 802.3 Members (voters) p.3

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Koenen, David J.

Kolesar, Paul

Koyama, Tetsu

Koziuk, Glen

Kramer, Glen

Lackner, Hans

Langston, Daun

Law, David

Lawrence, Eric

LIM, Seyoun

Lynskey, Eric R.

MacLeod, Brian

Maislos, Ariel

Marris, Arthur

Martin, David W.

Mathey, Thomas

McCallum, David S.

McConnell, Mike

McCormack, Michael S

McGugan, Chris

Mei, Richard Y.

Miao, Tremont

Mueller, Wayne A.

Muller, Shimon

Murphy, Thomas

Muth, Jim

Naidu, Hari

Nguyen, Trung

Nishimura, Shinji

Nordin, Ron

Noseworthy, Bob

O'Mahony, Barry

Obara, Satoshi

Oberstar, John

Pannell, Don

Parsons, Glenn

Pepeljugoski, Petar

Pesavento, Gerry

Pivonka, Ed

Plunkett, Timothy R.

Popescu, Petre

Posthuma, Carl R.

Powell, Scott R.

Quackenbush, William

Rabinovich, Rick



# 802.3 Members (voters) p.4

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Rado, Ted

Rao, Sailesh K.

Remein, Duane

Rodensky, Michael

Rybinski, Valerie

Sambasivan, Sam

Saracino, Concita

Savi, Olindo

Schneiderheinze,

Seemann, Brian

Sendelbach, Lee

Seto, Koichiro

Simon, Scott

Sorbara, Massimo

Spagna, Fulvio

Sparrowhawk, Bryan

Squire, Matthew B.

Srodzinski, David

Stuart, Richard

Swanson, Steve

Swenson, Norman

Tai-Lai, Tung

Takahashi, Eiichi

Tate, Mike

Telang, Vivek

Tellado, Jose

Thaler, Pat

Thatcher, R. Jonathan

Thompson, Geoffrey

Thorne, David

Tolley, Bruce

Toyoda, Hidehiro

Twu, Bor-long

Tzannes, Marcos

Vaden, Sterling A.

van Doorn, Schelto

Vanderlaan, Paul Z.

Veerayah, Kumaran

Von Herzen, Brian

Warren, Jeff

Weissberger, Alan

Yoon, Chong Ho

Yoshihara, Osamu

Yu, Hong

Zimmerman, George

# 802.3 Members (voters) p.5

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Zivny, Pavel

Zona, Bob

# Members in Peril

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Baumer, Howard

Chow, Jacky

De Andrea, John

Fanfoni, Sabina

Kaku, Shinkyō

Kenny, John J.

Kim, Chan

King, Neal

Maislos, Ariel

McGugan, Chris

Naidu, Hari

Nguyen, Trung

Pannell, Don

Pesavento, Gerry

Quackenbush, William

Rado, Ted

Sambasivan, Sam

Seto, Koichiro

Tai-Lai, Tung

Tate, Mike

Thorne, David

Tzannes, Marcos

Veerayah, Kumaran

Weissberger, Alan

Yoon, Chong Ho

Yoshihara, Osamu

Zivny, Pavel

# Potential Members (voters) p.1

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●Abbott, John  
◆Abler, Joe  
Aichele, David  
Alexander, Jan  
◆Alping, Arne  
◆Altman, Michael  
◆Anderson, Stephen  
Asbo, Magnus  
Babla, Chet  
●Barazande-Pour, Majid  
Behtash, Saman  
●Bhoja, Sudeep  
Blauvelt, Hank  
◆Brink, Robert D.  
◆Brunn, Brian

Cai, Xingjian  
Chan, Kevin T.  
◆Chang, Luke  
Crowley, Mike  
◆Darshan, Yair  
●Eiliya, Herman  
Ellwanger, Eric  
◆Fallahi, Siavash  
Fisher, William  
Fitzgerald, Paul  
Goudie, Stewart  
Gray, C. Thomas  
●Gupta, Sandeep  
Halder, Bijit  
Hallemeier, Pete

Handa, Shinya  
Hays, Robert  
●Hill, Tricia  
Hojabri, Pirooz  
◆Hudson, Chuck  
Iijima, Yosuke  
Inano, Shigeru  
Johansen, Henrik  
◆Jover, Juan  
◆King, Jonathan  
◆Kish, Paul  
Koeman, Henricus  
Kosukegawa, Tsutomu  
Kottapalli, Sreenivas  
Krishnamurthy, Subi

# Potential Members (voters) p.2

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Kusyk, Richard  
Larsen, Wayne  
Latchman, Ryan  
◆Lawton, Michael  
Lee, Chien-Hsin  
●Lerer, Michael  
●Liu, Cathy  
Liu, Howard  
Lobel, Martin  
◆Lou, Dennis  
Matsumoto, Tomoyuki  
●McClellan, Brett  
Mitchell, John W.  
◆Moore, Charles  
Morency, Isabelle

Morris, James E  
Moubarak, Roland  
◆Oltmanns, Mike  
Osawa, Takeo  
◆Palkert, Tom  
Parlor, Bryan  
Pease, Chris  
●Peters, William R.  
Phanse, Abhijit  
Pimpinella, Rick  
Reed, Robert  
RieB, Mathias  
Ring, William S.  
Ross, Floyd  
Sampson, Rod

●Shanbhag, Abhijit  
Shioiri, Satomi  
●Smith, Grant  
Sun, Yi  
Suzaki, Tetsuyuki  
◆Szczepanek, Andre  
Takatori, Hiroshi  
Tanaka, Keiji  
Thon, Lars E.  
Tomaszewski, Peter  
●Traverso, Matt  
●VanSchyndel, Andre  
●Vareljian, Albert  
●Wadekar, Manoj  
Wang, Hui

# Potential Members (voters) p.2

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- Weiner, Nick

- Witt, Kevin

- ◆ Woodruff, Bill

- ◆ Yagil, Ariel

Yousefi, Nariman

- ◆ *Requested to become member (Monday)*

- *Requested to become member (Thursday)*

# Interim TF & SG meetings held

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- Ottawa, ON, Canada, 27 Sep-1 Oct 2004
  - P802.3REVam, revision of IEEE Std 802.3
  - P802.3an, 10GBASE-T
  - P802.3ap, Backplane Ethernet
  - P802.3aq, 10GBASE-LRM
  - Congestion Management SG
  - Frame Expansion SG
  - Residential Ethernet SG

# 803.3 ballots since July

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- Sponsor Ballots:
  - none
- Working Group Ballots:
  - P802.3REVam/D1.0
  - P802.3REVam/D1.1



# Standards Board

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- ProCom
  - Electronic ballots/vote issues
- RevCom
  - A few 802 projects approved
  - No 802.3 business
- NesCom
  - A few 802 projects approved
  - No 802.3 business

# IEEE and LMSC Reports

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- 802 Architecture meeting (Thaler)
- Beta test of myBallot (Sahr)

# LMSC EC Report p.1

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- Pat Thaler confirmed as 2<sup>nd</sup> Vice Chair
- Proposed P&P changes
  - In ballot: co-existence requirements, conformance to superior rules
  - SOW on track for staff support
  - Desire to simplify
  - Streamline less controversial changes into a “super” ballot (e.g., term limits)
  - Challenging or controversial issues ballot separately (WG membership)

# LMSC EC Report p.2

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- Termination of hard copy to participants in 2005
- IEEE 802 news bulletin terminated
- EC Member emeritus (non-voting)
  - Appointed and confirmed
  - Title of value to both sponsoring company and for external influence on assigned issues
- ISO JTC1/SC6 and IEEE 802 internationalization

## 802.3 Finances

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- IEEE 802.3 will submit 2004 interim meetings for operations audit
- IEEE 802.3 may be in technical violation of LMSC rules
  - No contracts signed by 802.3
  - Hotel contracts for interims signed by IEEE without 802.3 review
  - Meetings therefore jointly hosted
- Should 802.3 operate with treasury?

# LMSC Chair's Meetings

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- Tues
  - 1:30 Front Matter
  - 3:00 ISO/JTC1
- Wed
  - 9:00 Get 802
  - 10:00 SA/802 TF
  - 1:00 Member emeritus
- Thurs
  - None scheduled

# IEEE-SA Standards Board Bylaws on Patents in Standards

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## 6. Patents

IEEE standards may include the known use of essential patents and patent applications provided the IEEE receives assurance from the patent holder or applicant with respect to patents whose infringement is, or in the case of patent applications, potential future infringement the applicant asserts will be, unavoidable in a compliant implementation of either mandatory or optional portions of the standard [essential patents]. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent or patent application becomes known after initial approval of the standard). This assurance shall be a letter that is in the form of either:

- a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement either mandatory or optional portions of the proposed IEEE standard against any person or entity complying with the standard; or
- b) A statement that a license for such implementation will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination.

This assurance shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.

# Inappropriate Topics for IEEE WG Meetings

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- Don't discuss licensing terms or conditions
- Don't discuss product pricing, territorial restrictions or market share
- Don't discuss ongoing litigation or threatened litigation
- Don't be silent if inappropriate topics are discussed... do formally object.

If you have questions:  
contact the IEEE Standards Board Patent Committee  
Administrator at [patcom@ieee.org](mailto:patcom@ieee.org) or visit  
<http://standards.ieee.org/board/pat/index.html>



# Project Authorization Requests

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- IEEE 802.3ar “Congestion management”
- IEEE 802.3as “Frame format extensions”
- 802.1ah “Provider backbone bridges”
- 802.1ai “Multiple registration protocol”
- 802.1aj “Two port MAC relay”
- 802.11u “Wireless interworking with external networks”
- 802.11v “Wireless network management”
- 802.16h “Improved coexistence”
- 802.17b “Spacially aware sublayer”

# Continuing Agenda

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- Liaison Reports
- 802.3 State of the Standard (Mr. Law)
- 802.3 Operating Rules (Mr. Law)
- Task Force & Study Group Reports
  - Interpretations (Mr. Law)
  - 802.3REVam, Maintenance (Mr. Law)
  - 802.3an (Mr. Booth)
  - 802.3ap (Mr. Healey)
  - 802.3aq (Mr. Cunningham)
  - Congestion Management SG (Mr. Brown)
  - Frame Expansion SG (Mr. Daines)
  - Residential Ethernet SG (Mr. Carlson)
- Calls for Interest
- Plan for the Week (Mr. Law)