

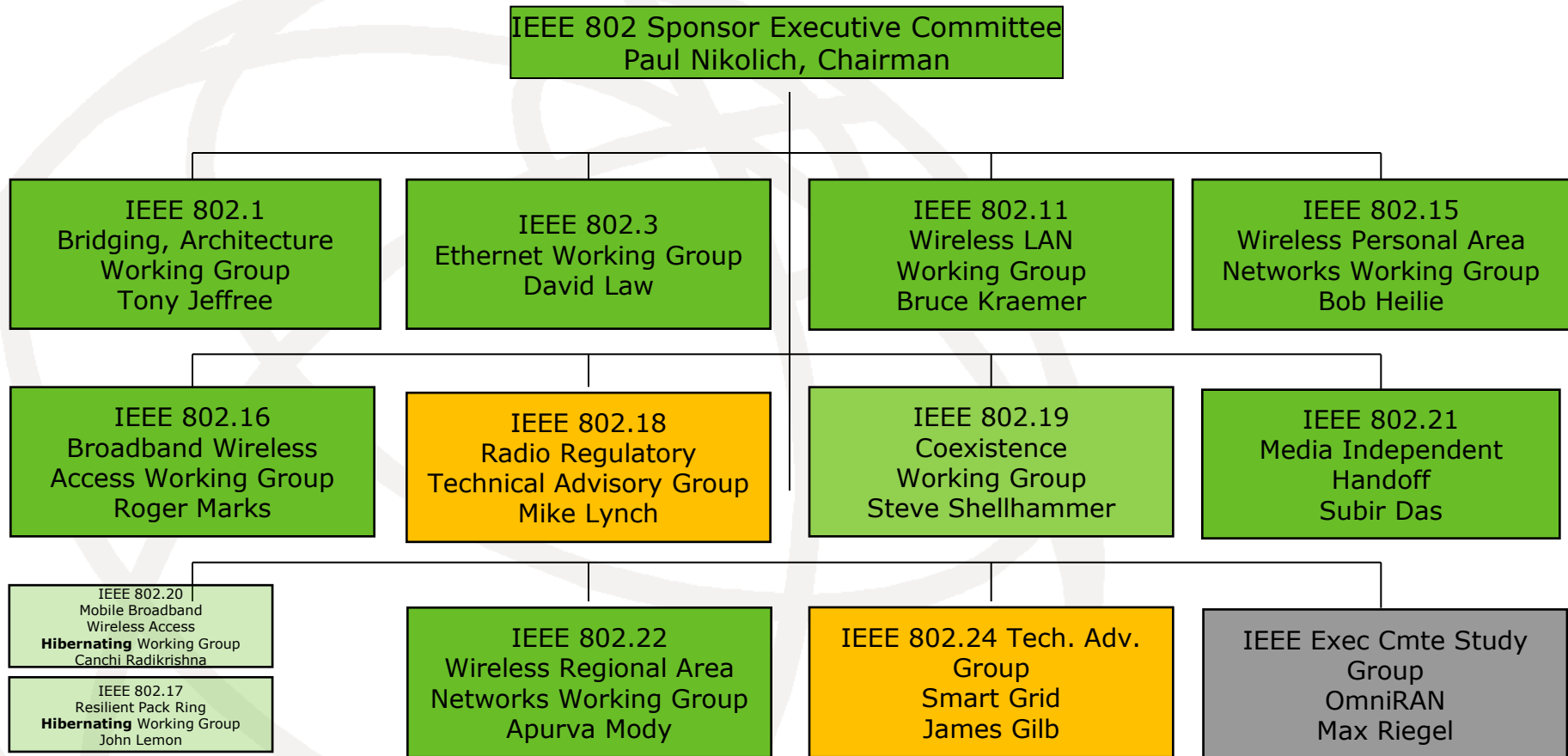
# **IEEE-802 and ITU Welcome Meeting**

## **IEEE 802 LMSC Overview**

**Paul Nikolich,  
Chairman IEEE 802**



# IEEE 802 LMSC Organization



## Appointed Exec Comm members:

Executive Secretary: Jon Rosdahl,  
Recording Secretary: John D'Ambrosia,  
Treasurer: Clint Chaplin,

1<sup>st</sup> VC: Pat Thaler  
2<sup>nd</sup> VC: James Gilb,  
Member Emeritus: Geoff Thompson

# IEEE 802 LMSC scope examples

## Wireline

- Higher speeds
  - 400 Gb/s fiber
- P2mP over coax
  - EPoC
  - Next Gen PON
- Energy Efficiency
  - Reduce power consumption
  - Reduced pair copper
  - DC power supply
- Time sensitive
  - Guaranteed time of arrival

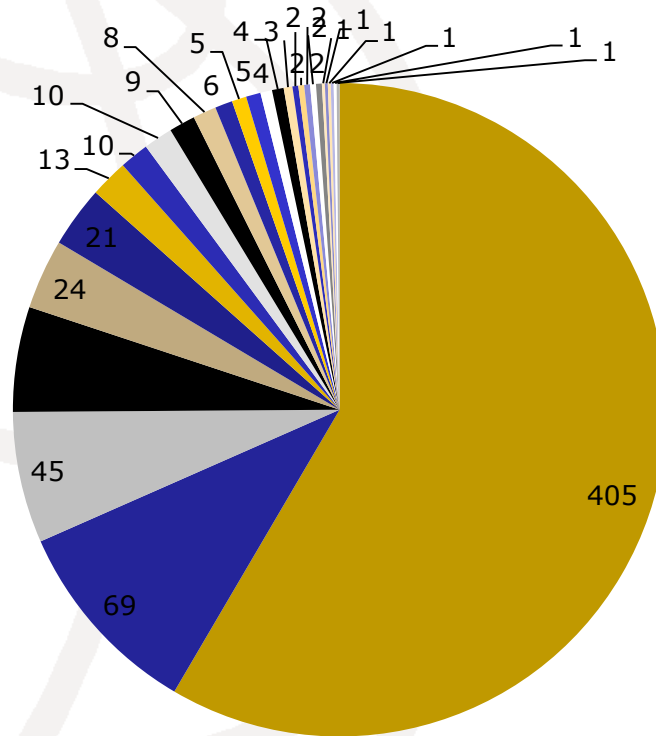
## Wireless

- Higher & lower speeds
  - >1Gb/s vs <250kb/s
- Higher/lower carrier frequencies
  - Lightwave vs Terahertz vs TV whitespaces
- Lower power consumption
  - Ultra Low Power
- Dynamic Spectrum Sharing
- Small Cell Backhaul
- OmniRAN
- Network Performance Measurements

# IEEE 802 Global Impact Global Participation

USA	405
Japan	69
China, Peoples Rep	45
Korea South, Rep of	36
Germany	24
Canada	21
UK	13
z unknown	10
Singapore	10
Israel	9
Finland	8
Taiwan ROC	6
France	5
India	5
England, UK	4
Italy	4
Netherlands	3
Australia	2
Austria	2
Denmark	2
Portugal	2
Sweden	2
Belgium	1
Hungary	1
Norway	1
Scotland, UK	1
Spain	1
Switzerland	1
<b>Total</b>	<b>693</b>

**March 2013 IEEE 802  
Plenary Session, Orlando FL**



# IEEE Board of Directors

Organizational  
Units (OUs)

Educational  
Activities

Publication  
Activities

Member &  
Geographic  
Activities

IEEE-USA

Technical  
Activities

Standards  
Association

## Where IEEE-802 fits within the IEEE Organizational Unit structure



Computer Society  
Standards Activities Board

IEEE 802 LMSC is here!

Standards Board and  
Board of Governors