802.1 – Activities & status

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Vice Chair, IEEE 802.1 WG
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ec-19-0023-00-00EC
Areas of work

802 Architecture and interworking between 802 technologies
- Cross-802 Architecture group
- “Technical Plenary” if needed
- Network Management Data Modelling - YANGsters

Time Sensitive Networking (TSN) Task Group:
- Bridges and Bridged Networks (802.1D, 802.1Q)
- Discovery mechanisms
- Link aggregation and protection
- Time synchronization
- Stream reservation and transmission support
- Enhanced queuing and protection algorithms
- Congestion management
- TSN profiles for mobile fronthaul, industrial, automotive and service provider networking

Security Task Group:
- Secure frame transmission, Key management and Secure device identity
- Port authentication
- Privacy

OmniRAN Task Group:
- Network reference model, with SDN abstraction, for 802 access network
- Local Address usage including protocols for local address acquisition

802 NENDICA:
- IEEE 802 “Network Enhancements for the Next Decade” Industry Connections Activity
Officer

Chair: Glenn Parsons  
Vice Chair: John Messenger  
Recording Secretary: Jessy Rouyer  
Maintenance TG Chair: Paul Congdon  
TSN TG Chair: János Farkas  
Security TG Chair: Mick Seaman  
OmniRAN TG Chair: Max Riegel  
NEND ICA: Roger Marks  
Maintenance of Email exploder: Hal Keen and Mark Hantel  
Maintenance of website: Paul Unbehagen  
- Website: [http://www.ieee802.org/1/](http://www.ieee802.org/1/)
## Sanity check – current workload

<table>
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<tr>
<th>Project</th>
<th>Subject</th>
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<th>Draft#</th>
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# 802.1 plenary schedule

## IEEE 802 PLENARY SESSION

Vancouver, BC Canada  
March 10-15, 2019

### Session Timetable

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<td>ITU</td>
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**KEY:**
- **TSN:** Time Sensitive Network
- **60802:** IEEE/IEC 60802 JP
- **MTN TG:** Maintenance Task Group
- **SEC:** Security
- **OR:** OmniRAN

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**Break times:**
- 10:00–10:30
- 12:30–13:00
- 15:30–16:00
- 18:30–19:00
- 21:30–22:00

**Social event:**
- 18:30–19:00

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**Closing events:**
- Closing 802.1 plenary
- Closing EC

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**Joint 802.24 sessions:**
- Spectrum - Use it or Share it
- Joint 802.1 & 802.15

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**YANGSTERS sessions:**
- 802 NENDICA

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**802.1 tracks and times:**

- TSN
- EC
- MTN TG
- TSN & 60802
- NENDICA
- ITU
- SEC
- 60802
- TSN & 60802

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**Wednesday:**
- TSN
- SEC
- TSN
- 60802
- SEC
- TSN
- 60802
- Closing 802.1 plenary

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**Thursday:**
- TSN
- SEC
- TSN
- 60802
- SEC
- TSN
- 60802
- Closing 802.1 plenary

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**Friday:**
- TSN & 60802

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**Closing EC:**
- TSN & 60802

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**Other sessions:**
- Opening 802.1 plenary
- Lunch (Editors' Meeting)
- Joint 802.24
- YANGSTERS
- 802 NENDICA
- Social event
# 802.1 Plenary Agenda

## Monday Opening
- Call for Patents
- Participation guidelines
- Membership status
- Future Meetings
- 802 reports
- Sanity check – current projects
- Incoming Liaisons
- TG agendas

## Thursday Closing
- Call for Patents
- Membership status
- Future Meetings
- 802 reports
- TG reports
- Sanity check – current projects
- Outgoing Liaisons
- Motions for EC
- Motions for 802.1
Next Interim meeting

May 20-24, 2019:
– Salt Lake City, Utah

Details on Website:

http://www.ieee802.org/1
http://www.ieee802.org/1/meetings