

# 802.1 – Activities & status

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Chair, IEEE 802.1 WG

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# Areas of work

- 802 Architecture and interworking between 802 technologies
  - Cross-802 Architecture group
  - “Technical Plenary” if needed
  
- 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
  - Profile for mobile fronthaul
  - Congestion management
  
- Security Task Group :
  - Secure frame transmission, Key management
  - Secure device identity
  - Privacy
  
- OmniRAN Task Group :
  - Network reference model, with SDN abstraction, for 802 access network
  - IEEE 802 network enhancements for the next decade (e.g., 5G ) - industry connections program
  - Local Address usage including protocols for local address acquisition

# Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Jessy Rouyer
- TSN TG Chair: János Farkas
- Security TG Chair: Mick Seaman
- OmniRAN TG Chair: Max Riegel
- Maintenance of Email exploder: Hal Keen
- Maintenance of website:  
John Messenger & Paul Unbehagen
  - Website: <http://www.ieee802.org/1/>

# Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qcc	SRP enhancements & performance improvements	Sponsor Ballot - cond	Sponsor Ballot recirc	D2.1	RevCom conditional	Dec '19
802.1CF	Access network (OmniRAN)	WG ballot	TG ballot	D1.0	WG ballot	Dec '18
802.1AS-REV	Time synch enhancements	PAR modification	WG ballot	D6.0	Sponsor Ballot (July)	Dec '19
802.1Qcj	Auto Attach to PBB	TG Ballot	TG Ballot	D0.2	WG ballot	Dec '19
802.1Xck	802.1X YANG data model	WG ballot	WG ballot recirc	D2.0	Sponsor Ballot	Dec '19
802.1CM	Profile for Fronthaul	Sponsor Ballot	Sponsor Ballot	D2.0	RevCom conditional	Dec '19
802.1Qcy	EVb VDP extension	Sponsor Ballot	Sponsor Ballot	D2.1	Sponsor Ballot	Dec '19
802.1Qcp	802.1Q YANG data model	Sponsor Ballot - cond	Sponsor Ballot recirc	D2.0	RevCom conditional	Dec '19
802E	Privacy	TG ballot	TG ballot	D0.7	TG Ballot	Dec '19
802.1CQ	Local Address protocol	PAR approved	Editor's draft	D0.1	Editor's draft	Dec '20
802.1Qcr	Asynchronous Traffic Shaping	TG ballot	TG ballot	D0.3	PAR modification - YANG	Dec '20
802.1CS	LRP	TG ballot	TG ballot	D1.2	TG ballot	Dec '21
802.1AX-REV	Link Aggregation	WG ballot	TG ballot	D0.1	WG Ballot	Dec '20
802.1AR-REV	Secure Device Identity	Sponsor Ballot	Sponsor Ballot recirc	D2.6	RevCom	Dec '21
802.1Q-REV	Bridges and Bridged Networks	Sponsor Ballot	Sponsor Ballot	D2.1	RevCom	Dec '20
802.1AE-REV	MAC security	WG ballot	WG ballot recirc	D1.1	Sponsor Ballot	Dec '21
802.1ACct	support for 802.15.3	PAR development	PAR Approved		Editor's draft	Dec '21
802.1ABcu	LLDP YANG	TG Ballot	Editor's draft	D0.0	TG ballot	Dec '21
802.1CBcv	FRER YANG & MIB	PAR development	PAR development		NesCom	
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	TG Ballot	Editor's draft		TG ballot	Dec '21
802.1Qcx	CFM YANG	TG Ballot	Editor's draft	D0.1	TG ballot	Dec '21
802.1AC/cor1	MAC Service	Sponsor Ballot	WG ballot	D2.0	Sponsor Ballot	Dec '21
802.1Qcz	Congestion Isolation	PAR development	PAR development		PAR development	
802.1CBdb	FRER (CBcv) extensions	PAR development	PAR development		NesCom	
60802 (DA)	Profile for Industrial Automation	PAR development	PAR development		NesCom	
802.1DC	Queuing for non-bridges	PAR development	PAR development		NesCom	
802.1X-REV	Port Access Control				NesCom	

# 802.1 plenary schedule

**V4**

**IEEE 802 PLENARY SESSION**  
**Rosemont (Chicago), Illinois**  
**March 4-9, 2018**

## 802.1 tracks and times

	SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
07:00-07:30						
07:30-08:00						
08:00-08:30						
08:30-09:00		Trk 1: TSN	Opening 802 EC plenary	MTN TG	Trk 1: TSN	Trk 5: JWG
09:00-09:30					Trk 2: DCB	Trk 1: TSN
09:30-10:00					Trk 4: SEC	Trk 4: SEC
10:00-10:30		Break	Break	Break	Break	Break
10:30-11:00						
11:00-11:30		Opening 802.1 plenary	Trk 1: TSN	Trk 2: DCB	Trk 4: SEC	Trk 5: JWG
11:30-12:00			Trk 3: OR	Trk 4: SEC	Trk 5: JWG	Closing 802.1 Plenary
12:00-12:30						
12:30-13:00		Lunch	Lunch	Editors Mtg	Lunch	Editors Mtg
13:00-13:30						
13:30-14:00						
14:00-14:30		Trk 1: TSN	Trk 3: OR	Trk 1: TSN	JTC1 SC	Trk 3: OR
14:30-15:00				Trk 4: SEC	Trk 5: JWG	Midweek 802.1 plenary
15:00-15:30						
15:30-16:00		Break	Break	Break	Break	Break
16:00-16:30						
16:30-17:00		Trk 1: TSN	Trk 3: OR	Trk 4: SEC	Trk 5: JWG	Trk 1: TSN
17:00-17:30				Trk 2: DCB	Trk 3: OR	Trk 4: SEC
17:30-18:00				Trk 1: TSN	Trk 2: DCB	Trk 4: SEC
18:00-18:30			Break	Break	Break	Break
18:30-19:00	TG	802.1 & TSN Newcomers	Joint 802.1 & 802.15	Joint 802.1 & 802.15	Joint 802.1 & 802.24	Joint 802.1 & 802.24
19:00-19:30	Chairs					
19:30-20:00	Mtg					
20:00-20:30		YANGsters	IC - 802 NEND	Networking Reception	TSN - 802.1AS	TSN - 802.1AS
20:30-21:00						
21:00-21:30						
21:30-22:00						
22:00-22:30						

**KEY:**  
 JWG: IEEE/IEC Joint WG  
 TSN: Time Sensitive Netw'kg  
 MTN TG: Maintenance TG  
 SEC: Security  
 DCB: Data Center Bridging  
 OR: OmniRAN

Thanks  
to Pat Thaler  
for all her  
contributions to  
802.1 and her 33  
years in IEEE 802



# Next Interim meeting

- May 21-25, 2018:
  - Pittsburgh, Pennsylvania
- Details on Website:  
<http://www.ieee802.org/1>