

# 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
  
- Addressing and Data center bridging (DCB) Task Group :
  - Congestion management
  - Local Address usage including protocols for local address acquisition
  
- 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

# Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Jessy Rouyer
- TSN TG Chair: János Farkas
- Data Center Bridging TG Chair: Pat Thaler
- 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
802.1CB	Frame Replication and Elimination SRP enhancements & performance improvements	RevCom - cond	Approved - Sept 28	D2.8	Publication	Dec '17
802.1Qcc	Access network (OmniRAN)	Sponsor Ballot - cond	Sponsor pool	D2.0	Sponsor Ballot start	Dec '17
802.1CF	Time synch enhancements	TG ballot	TG ballot	D0.5	WG ballot	Dec '18
802.1AS-REV	Local Address space	PAR modification	WG ballot	D5.0	Sponsor Ballot - cond	Dec '19
802c	Per Stream Filtering & Policing	RevCom	Published - Aug 24	D2.1		Dec '19
802.1Qci	Auto Attach to PBB	RevCom	Published - Oct 6	D2.0		Dec '19
802.1Qcj	802.1X YANG data model	TG Ballot	TG Ballot	D0.2	WG ballot	Dec '19
802.1Xck	Profile for Fronthaul	WG ballot	WG ballot	D1.1	WG ballot	Dec '19
802.1CM	EVB VDP extension	WG ballot	WG ballot	D1.0	WG ballot	Dec '19
802.1Qcn	802.1Q YANG data model	WG ballot	WG ballot	D1.0	WG ballot	Dec '19
802.1Qcp	Privacy	Sponsor Ballot - cond	Sponsor pool	D1.3	Sponsor Ballot start	Dec '19
802E	Local Address protocol	TG ballot	Editor's draft	D0.7	TG Ballot	Dec '19
802.1CQ	Asynchronous Traffic Shaping	PAR approved	Editor's draft	D0.1	Editor's draft	Dec '20
802.1Qcr	LRP	TG ballot	TG ballot	D0.1	TG ballot	Dec '20
802.1CS	Link Aggregation	TG ballot	TG ballot	D1.0	TG ballot	Dec '21
802.1AX-REV	Secure Device Identity	TG ballot	TG ballot	D0.1	TG ballot	Dec '20
802.1AR-REV	Bridges and Bridged Networks	Sponsor Ballot - cond	Sponsor Ballot	D2.2	RevCom - cond	Dec '21
802.1Q-REV	MAC security	Sponsor Ballot	Sponsor Ballot	D2.0	RevCom - cond	Dec '20
802.1AE-REV	support for 802.15.3	PAR development	PAR Approved		Editor's draft	
802.1ACct	LLDP YANG	PAR development	PAR Approved		Editor's draft	
802.1ABcu	FRER YANG & MIB	PAR development	PAR Approved		Editor's draft	
802.1CBcv	TSN (Qbu, Qbv, Qci) YANG	PAR development	PAR Approved		PAR development	
802.1Qcw	CFM YANG	PAR development	PAR Approved		Editor's draft	
802.1Qcx	MAC Service	PAR development	PAR Approved		Editor's draft	
802.1AC/cor1			PAR Approved		Editor's draft	

# 802.1 plenary schedule

**V1**

**IEEE 802 PLENARY SESSION**  
**Orlando, Florida**  
**November 5-10, 2017**

## 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		ITU SC			
09:00-09:30			MTN TG	Trk 1: TSN			
09:30-10:00				Trk 2: DCB			
					Trk 1: TSN		
						Trk 1: TSN	
					Trk 2: DCB		
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 4: SEC	Trk 1: TSN	Closing 802.1 Plenary	
11:30-12:00				Trk 1: TSN	Trk 2: DCB		
12:00-12:30					Trk 3: OR		
12:30-13:00		Lunch	Lunch	Lunch	Lunch	Lunch	
13:00-13:30							
13:30-14:00						Closing 802 EC	
14:00-14:30	Trk 1: TSN		Trk 1: TSN	Trk 4: SEC	Midweek 802.1 plenary		Trk 1: TSN
14:30-15:00							Trk 2: DCB
15:00-15:30							Trk 3: OR
15:30-16:00		Break	Break	Break	Break		
16:00-16:30							
16:30-17:00	Trk 1: TSN	Trk 3: OR	Trk 1: TSN	Trk 3: OR	Trk 4: SEC	Trk 1: TSN	
17:00-17:30				Trk 1: TSN	Trk 2: DCB	Trk 2: DCB	
17:30-18:00							
18:00-18:30			Break	Break	Break		
18:30-19:00	TG Chairs Mtg	Tutorials	Joint .1/.15	Social event		KEY: TSN: Time Sensitive Netw'kg MTN TG: Maintenance TG SEC: Security DCB: Data Center Bridging OR: OmniRAN	
19:00-19:30			IC - 802 NEND		Editors Mtg		
19:30-20:00							
20:00-20:30							
20:30-21:00							
21:00-21:30							
21:30-22:00							

# 802.1 plenary agenda

## **Monday opening**

- [Call for Patents](#)
- Participation [guidelines](#)
- Membership status
- Future Meetings
- 802 reports
- Sanity check – current projects
- Incoming Liaisons
- IEC/IEEE joint working group proposal
- TG agendas

## **Wednesday midweek**

- [Call for Patents](#)
- Sanity check – current projects
- Motions for EC consent agenda

## **Friday closing**

- [Call for Patents](#)
- Membership status
- Future Meetings
- 802 reports
- TG reports
- Outgoing Liaisons
- Motions for EC
- Motions for 802.1

# Next Interim meeting

- January 22-26, 2017:
  - Geneva, Switzerland

- Details on Website:

<http://www.ieee802.org/1>