

Oscilloquartz SyncSeminar

Basel, Switzerland, 1st – 3rd October 2018

Day 1 - Monday, 1st October	
Seminar: addressing critical synchronization topics	
13:00	Registration
13:30	Introduction to OSA and its market - Gil Biran <ul style="list-style-type: none"> • Who are we? • What are we doing? • What is our market?
14:30	Synchronization needs in telecoms <ul style="list-style-type: none"> • Synchronization needs in telecom networks • Synchronization needs in TV cable networks
15:10	Coffee & tea break
15:30	Synchronization needs in other industries <ul style="list-style-type: none"> • Synchronization needs in the power utilities • Synchronization needs in finance & insurance • Synchronization needs in data centers, broadcasting, etc.
16:30	Synchronization sources- Alain Michaud <ul style="list-style-type: none"> • Primary reference phase & time sources • PRC, ePRC, PRTC and ePRTC standards
17:30	End of day 1
18:00	Ice Breaker Event

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Day 2 - Tuesday, 2nd October	
Seminar: addressing critical synchronization topics (cont'd)	
08:15	Registration
08:30	Sync distribution: general principles -Dominik Schneuwly <ul style="list-style-type: none"> • Physical layer synchronization transfer • Packet-based synchronization transfer • Performance metrics
10:10	Coffee & tea break
10:30	Frequency synchronization with synchronous Ethernet <ul style="list-style-type: none"> • Working principle • Clocks and their specifications • Architecture and network engineering
12:00	Lunch break
13:30	Introduction to precision time protocol (IEEE 1588) <ul style="list-style-type: none"> • Protocol aspects • Clock types • Network configuration • Performance aspects
14:30	PTP profiles for frequency synchronization <ul style="list-style-type: none"> • Working principle • Clocks and their specifications
15:00	Coffee & tea break
15:20	PTP profiles for frequency synchronization (cont'd) <ul style="list-style-type: none"> • Architecture and network engineering
15:50	PTP profiles for phase & time synchronization <ul style="list-style-type: none"> • The role of PTP support from the network • ITU-T profiles
16:30	End of day 2
17:00	Social Event

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Day 3 - Wednesday, 3rd October	
Seminar: addressing critical synchronization topics (cont'd)	
08:15	Registration
08:30	PTP profiles for phase & time synchronization (cont'd) <ul style="list-style-type: none"> • Power profiles • Enterprise profile • Architecture and network engineering
10:10	Coffee & tea break
10:30	TaaS – time as a service - Igal Pinhasov <ul style="list-style-type: none"> • How time can be provided as a service
11:15	Synchronization assurance- Dominik Schneuwly <ul style="list-style-type: none"> • Monitoring and probing
12:00	Lunch break
Workshop: applications and demonstrations	
13:30	Product presentations- Gregory Binggeli <ul style="list-style-type: none"> • Oscilloquartz product overview • Products: OSA 541x, OSA 542x, 5430 & OSA 540x • Software: network management system FSP NM
14:15	Live demos with: <ul style="list-style-type: none"> • OSA 5420/21, OSA 5430, OSA 5401, OSA 5405 in Grandmaster, APTS and probe configurations
15:00	Coffee & tea break
15:20	Live demos continued
16:30	Farewell address & close- Jean Dubuis
16:40	End of day 3



Radisson Blu Hotel in Switzerland.

Steinentorstrasse 25, Basel CH-4001, Switzerland

1–3 October 2018