

**NASPI Technical Workshop
Communication and Networking Issues
April 15, 2019
1:00pm – 5:00pm**

**Hilton San Diego Mission Valley
901 Camino Del Rio South
San Diego, California, 92108
(619) 543-9000**

- Introduction Dan Brancaccio (5) **1:00 pm**
- Synchrophasor standards updates 30 minutes
 - IEEE C37.118 -2011.2 P9 update Dan Brancaccio (10)
 - IEC 61850-90-5 update Yi Hu (10)
 - STTP update Ritchie Carroll (10)
 - New PDC Standard Harold Kirkham (10)
- Communication architectures (15) Dan Brancaccio
 - CIP compliance and synchrophasor data (5)
 - EPG Techniques to fill in missing data (10) Frank Carrera
- Archive strategies Mathew Rhodes 140 minutes **1:50 pm**
 - Use cases (10)
 - PRC-002-2 Dan Brancaccio
 - MOD 26 & MOD 27 Dan Brancaccio
 - Ritchie Carrol, GPA (10)
 - Sean Murphy, PingThings (10)
 - SEL SynchroWAVE - Jared B., Greg Zweigle combined with (10)
 - SRPs strategy with SynchroWAVE Matthew Rhodes (10)
 - Break (10) **2:40 pm**
 - Tony Farris, BPA (10)
 - Kevin Jones, Dominion (10)
 - Tom Anderson, SAS – (10)
 - Viktor Litvinov, GRT (10)
 - EPG – (10) Frank Carrera
 - Dan Brancaccio (Quanta) example architectures (10)
 - Questions (30) **3:40 pm**
- Communication issues 15 minutes Dan Brancaccio (Time permitting) **4:00 pm**
 - Troubleshooting
 - Dashboards
 - Business processes
 - Conformity assessment program (1588) – Terry Jones
- Naming Conventions Dan Brancaccio 10 minutes (Time permitting)
 - Wide area
 - Local