



IEEE 2014 CQR Emerging Technologies Reliability Roundtable

May 12, 2014

Westward Look Wyndham Grand Resort and Spa
Tucson, AZ

King Arthur and the Knights of the Round Table



The Speakers at the IEEE ETR Round Table



From Left to Right: Chunming Qiao, Gengui Xie, Brian Levy, David Lu, Spilios Makris, Mehmet Ulema, Michael Tortorella, Ying Chin (Bob) Yeh, Chi-Ming Chen

ETR-RT Speakers

(In Alphabetical Order)

- Brian Levy – Juniper Networks (CTO, SP Sector EMEA)
- David Lu – AT&T (VP, Business Ntwk & Corp. Solution IT)
- Spilios Makris – Palindrome Technologies (Director)
- Chunming Qiao – SUNY (Professor)
- Michael Tortorella – Rutgers University (Research Professor)
- Mehmet Ulema – Manhattan College (Professor)
- Gengui Xie – Huawei (VP of R&D Competence Center, China)
- Ying Chin (Bob) Yeh – Boeing Commercial Airplanes (Fellow)

ETR-RT Advisory Board

- Chi-Ming Chen – AT&T (Principal Member of Technical Staff)

ETR-RT Scope

- Identify the RAS (Reliability, Availability, and Serviceability) challenges, requirements, and methodologies in emerging technologies like:
 - Wireless/Mobility
 - Cloud Computing
 - NFV (Network Functions Virtualization)
 - SDN (Software Defined Networking)
 - High Availability for Mission-critical Industries (e.g., Airborne Systems)
- Discuss the RAS requirements and technologies, with the goal to promote the inter-industry sharing of related ideas and experiences
- Identify potential directions for resolving identified issues and propose possible solutions

ETR-RT Agenda

7:30 – 8:30 am	Breakfast
8:30 – 8:40 am	Welcome by Chair
8:40 – 10:15 am	Talks & Discussion <ul style="list-style-type: none">➤ A Long Road to ETR Standardization (Makris)➤ Wireless / Mobility (Lu)➤ High Availability (Yeh)
10:15 – 10:30 am	Coffee Break
10:30 – 12 noon	Talks & Discussion <ul style="list-style-type: none">➤ SDN/NFV (Xie, Levy, Ulema)
12 noon – 1:00 pm	Lunch
1:00 – 3:00 pm	Talks & Discussion <ul style="list-style-type: none">➤ Cloud Computing (Qiao, Tortorella)
3:00 – 3:15 pm	Coffee Break
3:15 – 4:30 pm	Identify potential directions for resolving identified issues and propose possible solutions (All)
4:30 – 5:00 pm	Wrap –up & Summary for Presentation to CQR (All)
EVENING EVENT	
6:00 – 9:00 pm	CQR Welcome Reception & Dinner (at 7 pm) (All are invited)