

Standards Procedures: standards development process IEEE SA Ethernet & IP @ Automotive Technology Day

Mark Zachos

President – DG Technologies

Chairman – SAE J1939 Security Task Force

Chairman – SAE Vehicle DLC Security Committee

Chairman – ISO TC22/SC31 US TAG

mzachos@dgtech.com

Zachos@umich.edu



Standards Development Process

- SAE Technical Standards



- Standard vs. Recommend Practice
- Cooperative Research Project (CRP)

- ISO process



- SAE and ISO liaison
- PDSO (Partnership Standards Development Organization)
- Other liaison SDOs: ASAM, Autosar, IEEE...

- IEEE Process



- IEEE liaison with SAE and ISO

Auto Ethernet Standards Activity

- Active developments...
- PHY and Testing Standards by ISO and SAE
- Other SAE and IEEE joint Standards
 - DSRC
- **Proposal for IEEE to join SAE and ISO in Cyber Security Standards related to Auto Ethernet specific use cases**

