Georg Carle: Research Interests

**Testbed measurements & Data Analytics**
Benchmarking QUIC, TLS, Post-Quantum-Cryptography
High-performance packet processing, DPDK, eBPF, P4

**Internet measurements & Data Analytics**
Scanning and fingerprinting Web, TLS, QUIC, v4/v6 at large BGP, DNS, X.509 certificates, IPv6 Hitlist, iCloud Private Relay

**Building resilient and secure networked systems**
Instrumentation for self-management and resilience
Proactive: security configuration and accountability
Reactive: anomaly detection and remediation
ML-supported: data-driven, GNN models

**Methods, Tools and Infrastructure**
Automated, reproducible testbed measurements
Research Infrastructures for Networked Systems Experiments
Internet-scale measurements and automated analysis
Automated methods for network & security configuration
Topics for Discussions: Testbeds

Who uses testbeds for his research?
Who used a testbed operated by another organisation?
Who built his own testbed infrastructure?

If yes: under which conditions do/would you give access to others?
Who thinks of possible improvements of own or of other testbeds?
What kind of testbed infrastructure would you like to have?
What testbed infrastructure could we have in Germany?
What software and tools would you like to have when using testbeds?

What kind of topics would you like to discuss in the context of
  Testbeds
  Reproducibility
  Data management and analysis