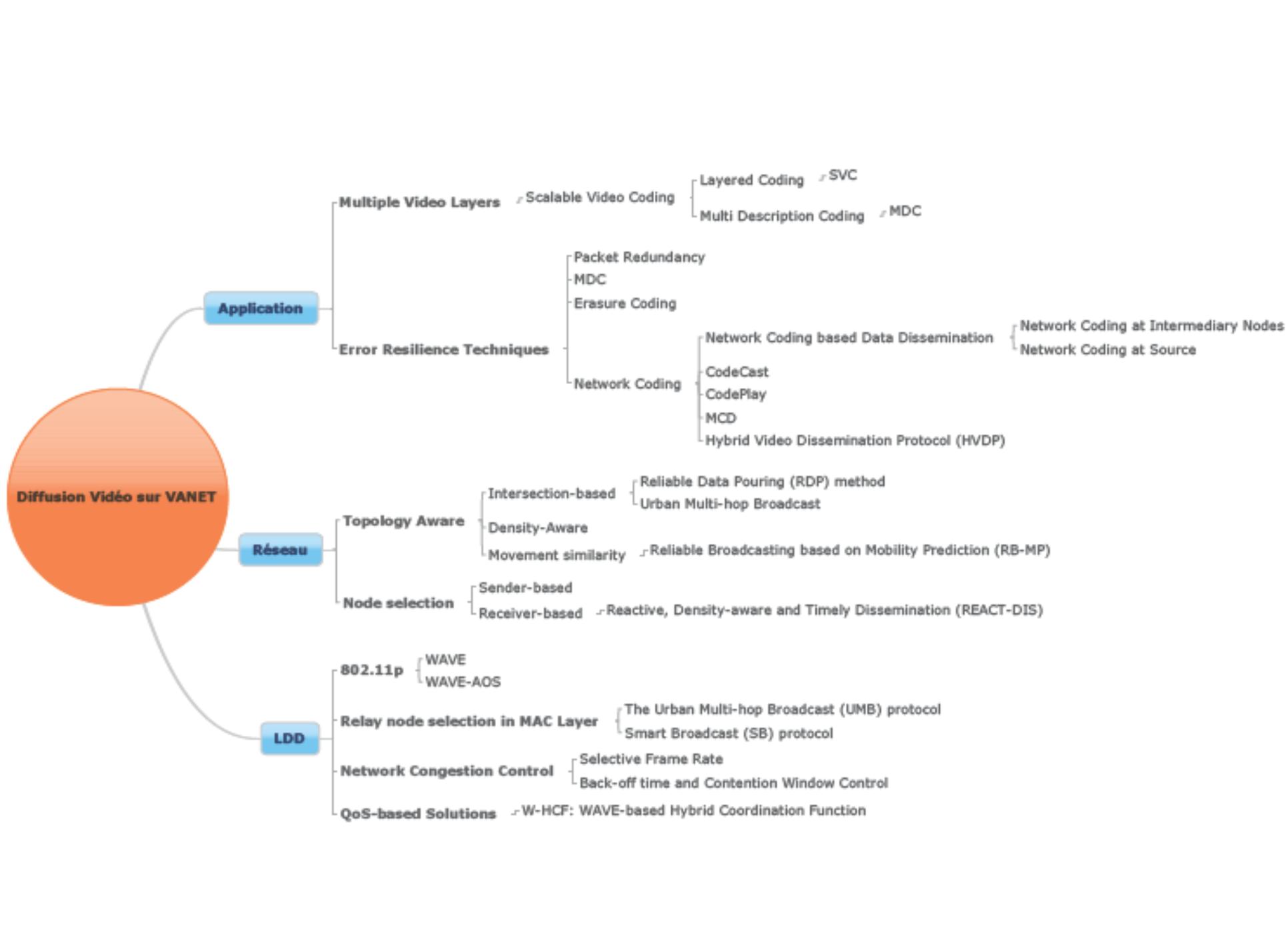




Communication Multimédia

Mustafa Ali Hassoune
Département d'informatique
Université des Sciences et de la Technologie d'Oran





Diffusion Vidéo sur VANET

Application

- Multiple Video Layers** - Scalable Video Coding
 - Layered Coding - SVC
 - Multi Description Coding - MDC
- Error Resilience Techniques**
 - Packet Redundancy
 - MDC
 - Erasure Coding
 - Network Coding
 - Network Coding based Data Dissemination
 - Network Coding at Intermediary Nodes
 - Network Coding at Source
 - CodeCast
 - CodePlay
 - MCD
 - Hybrid Video Dissemination Protocol (HVDP)

Réseau

- Topology Aware**
 - Intersection-based
 - Reliable Data Pouring (RDP) method
 - Urban Multi-hop Broadcast
 - Density-Aware
 - Movement similarity - Reliable Broadcasting based on Mobility Prediction (RB-MP)
- Node selection**
 - Sender-based
 - Receiver-based - Reactive, Density-aware and Timely Dissemination (REACT-DIS)

LDD

- 802.11p**
 - WAVE
 - WAVE-AOS
- Relay node selection in MAC Layer**
 - The Urban Multi-hop Broadcast (UMB) protocol
 - Smart Broadcast (SB) protocol
- Network Congestion Control**
 - Selective Frame Rate
 - Back-off time and Contention Window Control
- QoS-based Solutions** - W-HCF: WAVE-based Hybrid Coordination Function