

Poster: P4DME: DNS Threat Mitigation with P4 In-Network Machine Learning Offload

- **Background:** increased threats on DNS
 - Powerful yet expensive ML-based mitigation.
 - Opportunity: Smartly offload processing to programmable switches.
- **Main Contributions:**
 - Distributed detection components.
 - Switches: fast filtering + forward “suspicious” queries to ML servers.
 - ML servers: analyze the queries and give feedback to the switches.
 - **Result:** enhanced resource usage without compromising the system's security.
- Come see our poster at 16:00hs!

