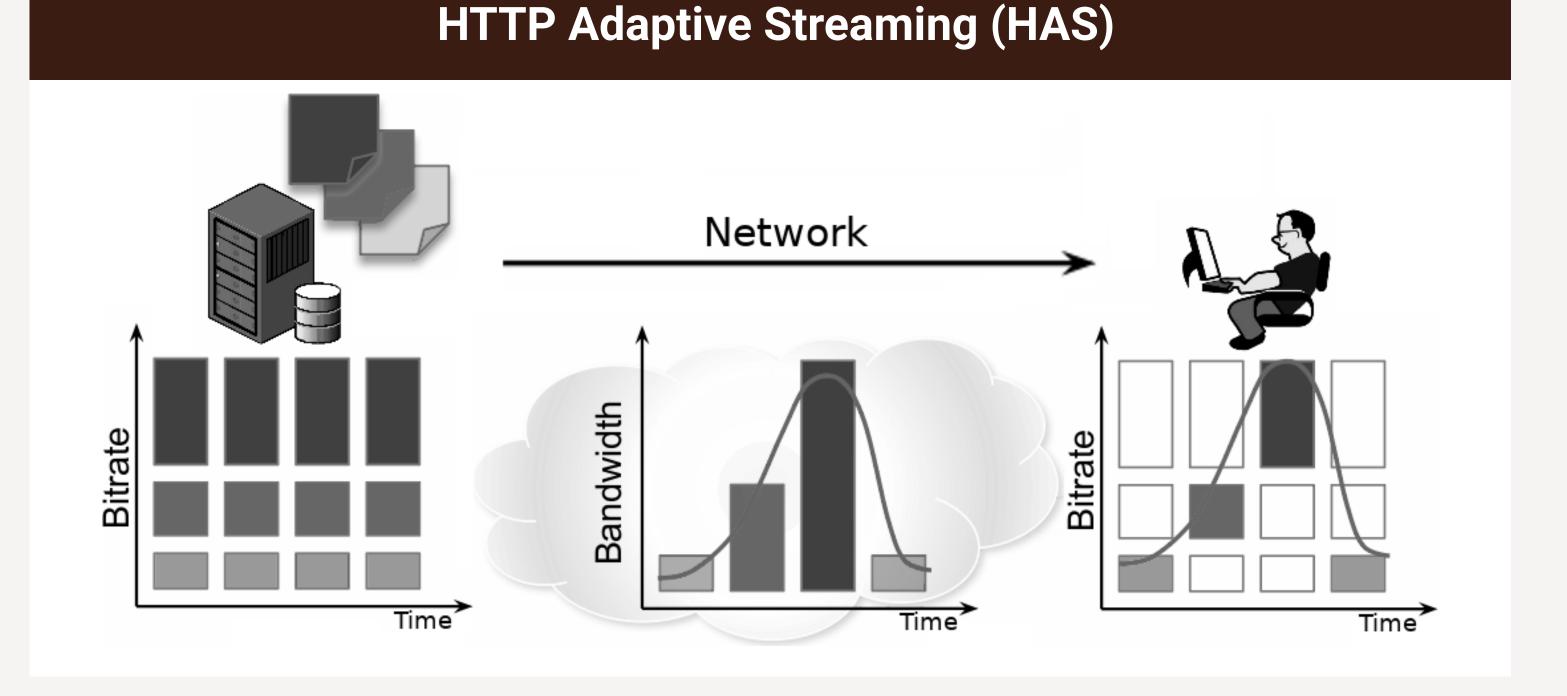
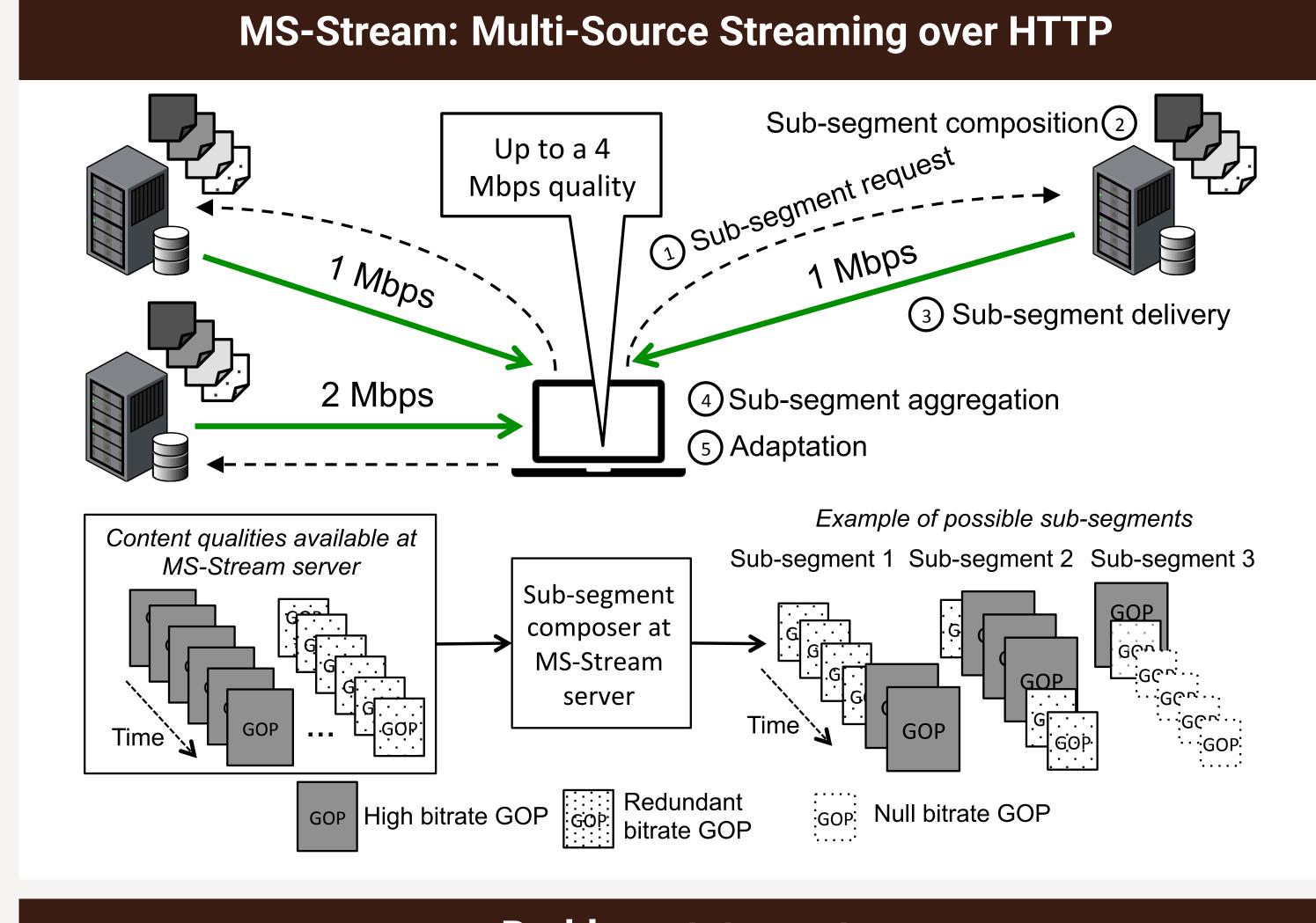
PRIVA-STREAM: Private Collaborative Streaming

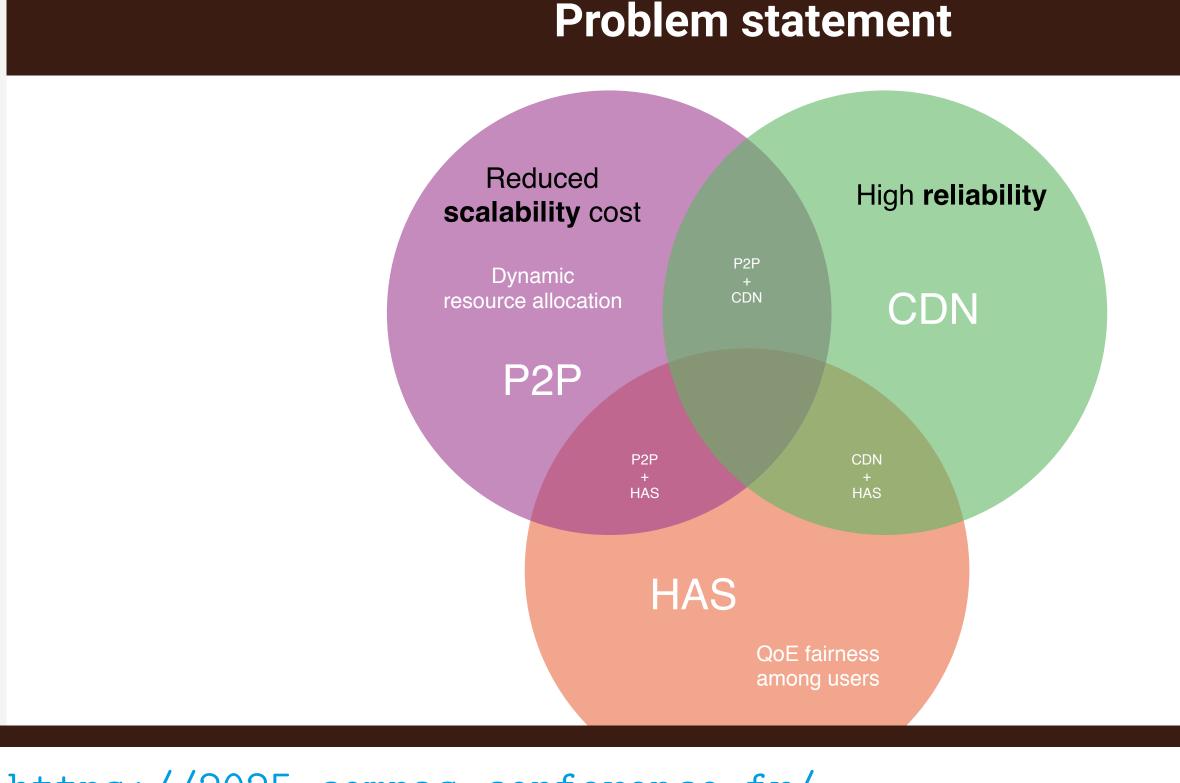
Simon Da Silva - Daniel Negru, Laurent Reveillere PROGRESS - Univ. Bordeaux, LaBRI, France



Content Delivery Networks (CDN) Content Delivery Network



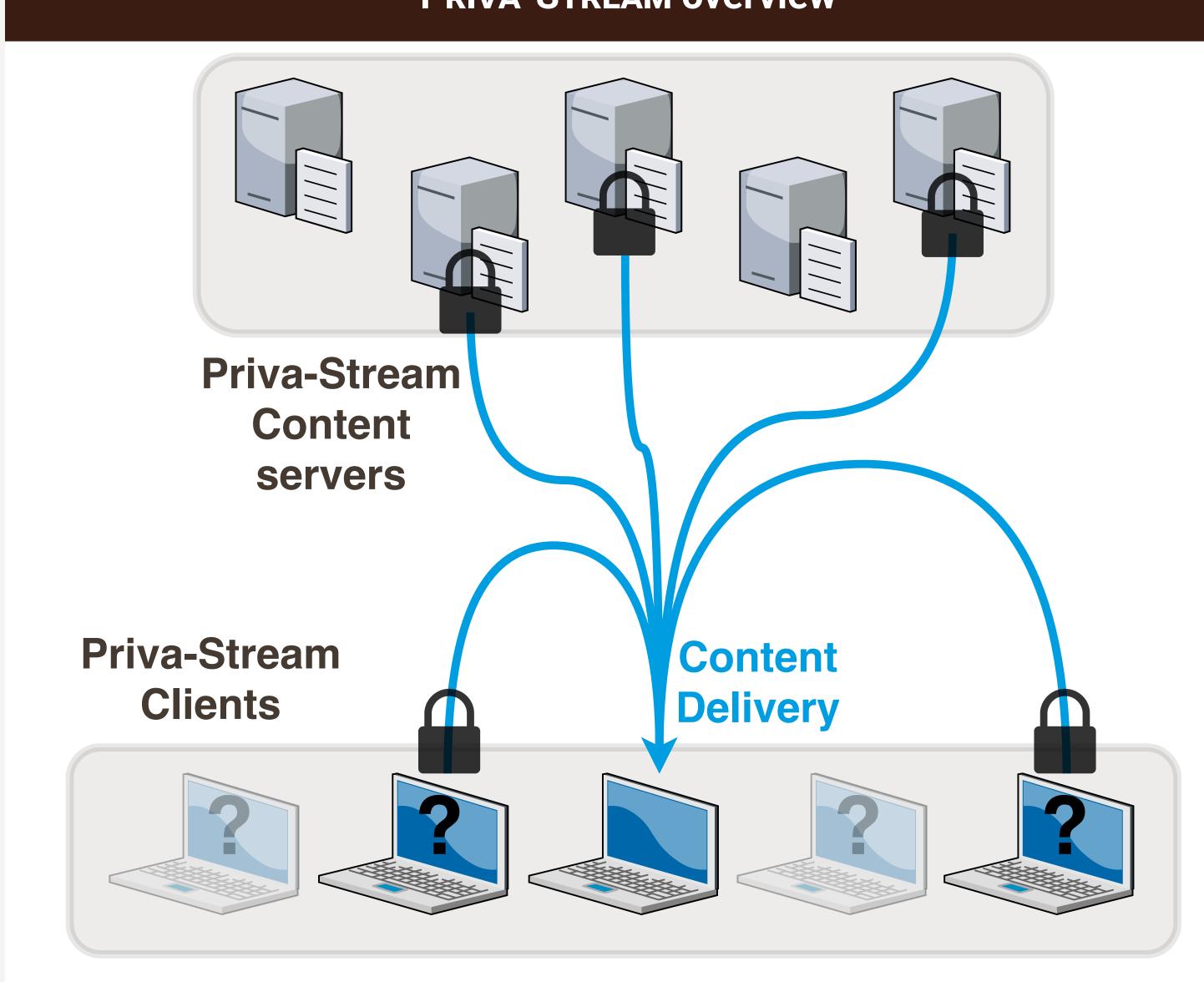




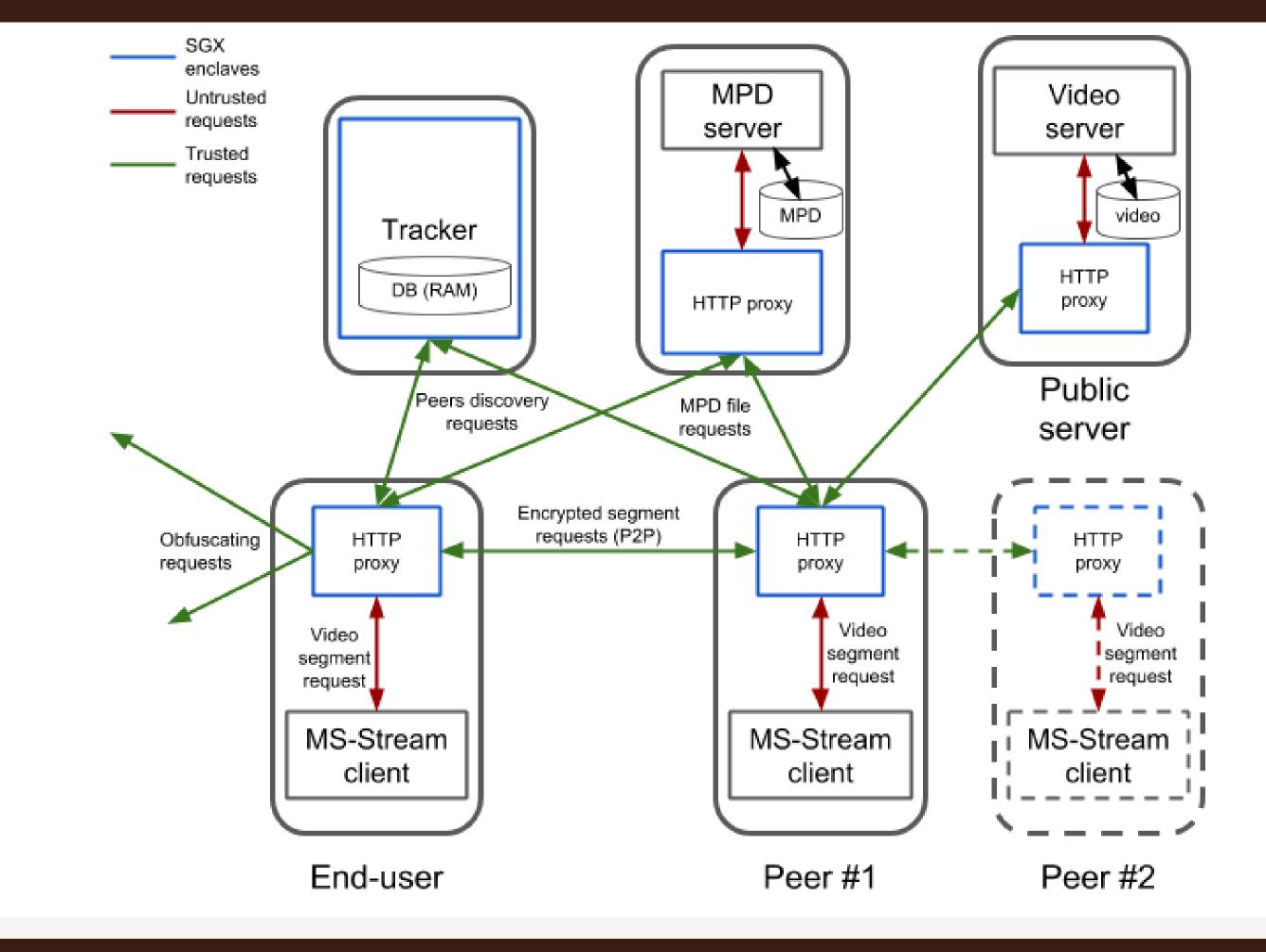
PRIVA-STREAM idea

- Reliability, QoE and scalability
 MS-Stream: Multiple-Source adaptive streaming over HTTP
- Incentive to contribute Rewarding: contributing users get a higher quality
- End-users privacy TEE (SGX): encryption, NAT and anonymity

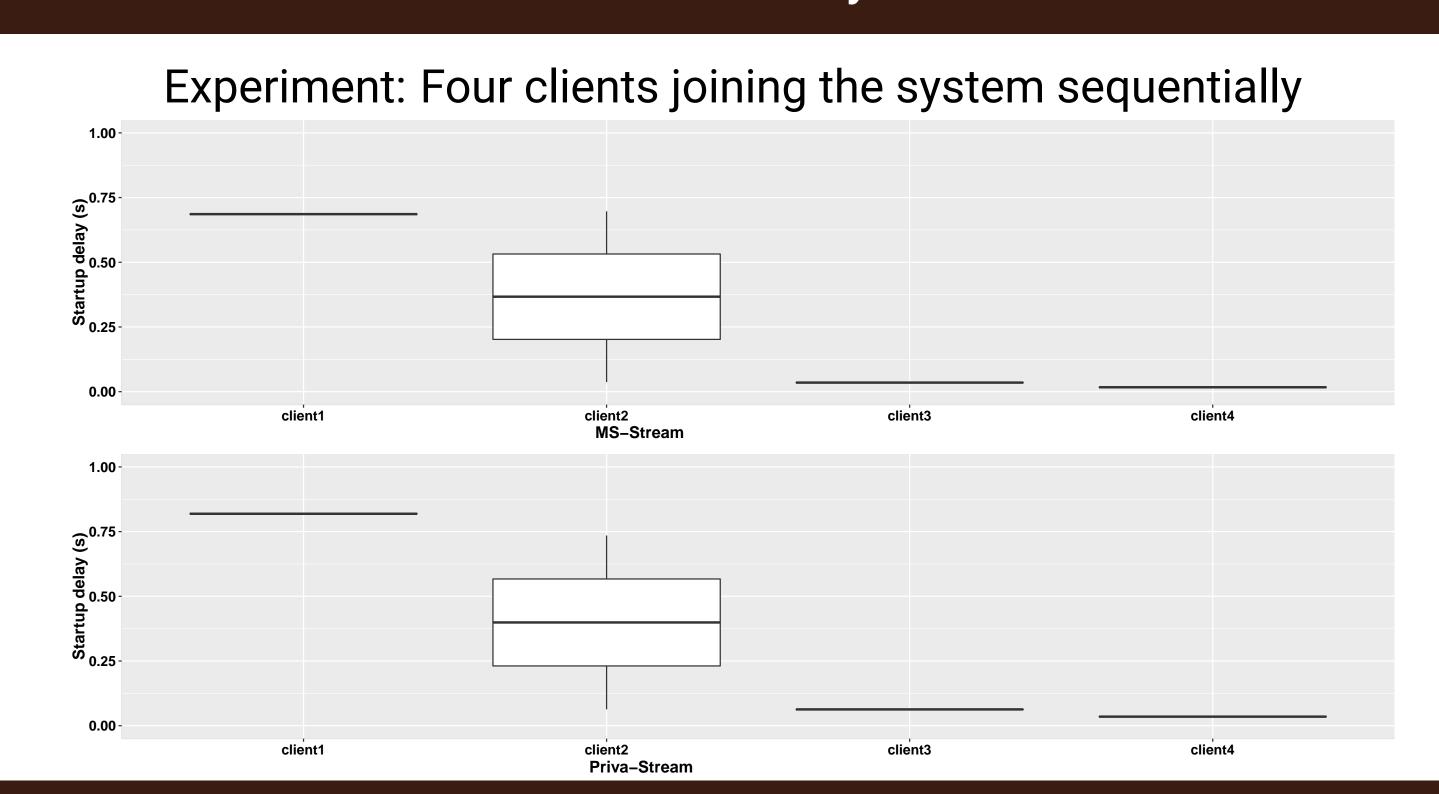
PRIVA-STREAM overview



PRIVA-STREAM technical description



PRIVA-STREAM early results



https://2025.compas-conference.fr/

ComPAS, 26 juin 2025

Bordeaux





















