



Twenty Eighth National
Conference on Communications



Workshop on “Standards Driven Research” at NCC 2022

24 May 2022, 1000-1700 IST



Workshop on “Standards Driven Research” at NCC 2022

Invited Talk

Banking + ICT + Standardization: Research perspectives

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SDR@NCC2022 (24May22)-IDRBT



Banking and Financial Services / IDRBT

Institute for Development and Research in Banking Technology

- Intersection of academic research and Industry
- Collaborations with multiple Institutes
- Multiple forums to engage with Industry
- 5G Use Cases Lab



Standardization: beyond 5G Enterprise systems / private networks

- Unique application layer aspects – multi-channel / multi network
 - Visa, Mastercard, UPI, . . .
- Geographical spread
 - Branch / BC spread
- Multi-stakeholder workflows
 - Make/checker
- Foundational enablement layer – slightly above the ICT/physical aspects
- Role of private networks



Identifying the research areas

- a. Privacy preserving + Auditable Multi-domain Services
- b. Security/Models in perspective of NPN deployments



Present / Future contributions

- a. Rural Broadband Service Architecture - Ongoing

- b. Multi-operator Transactional, Verification and Identity Slice: new NIP



Thank You
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