

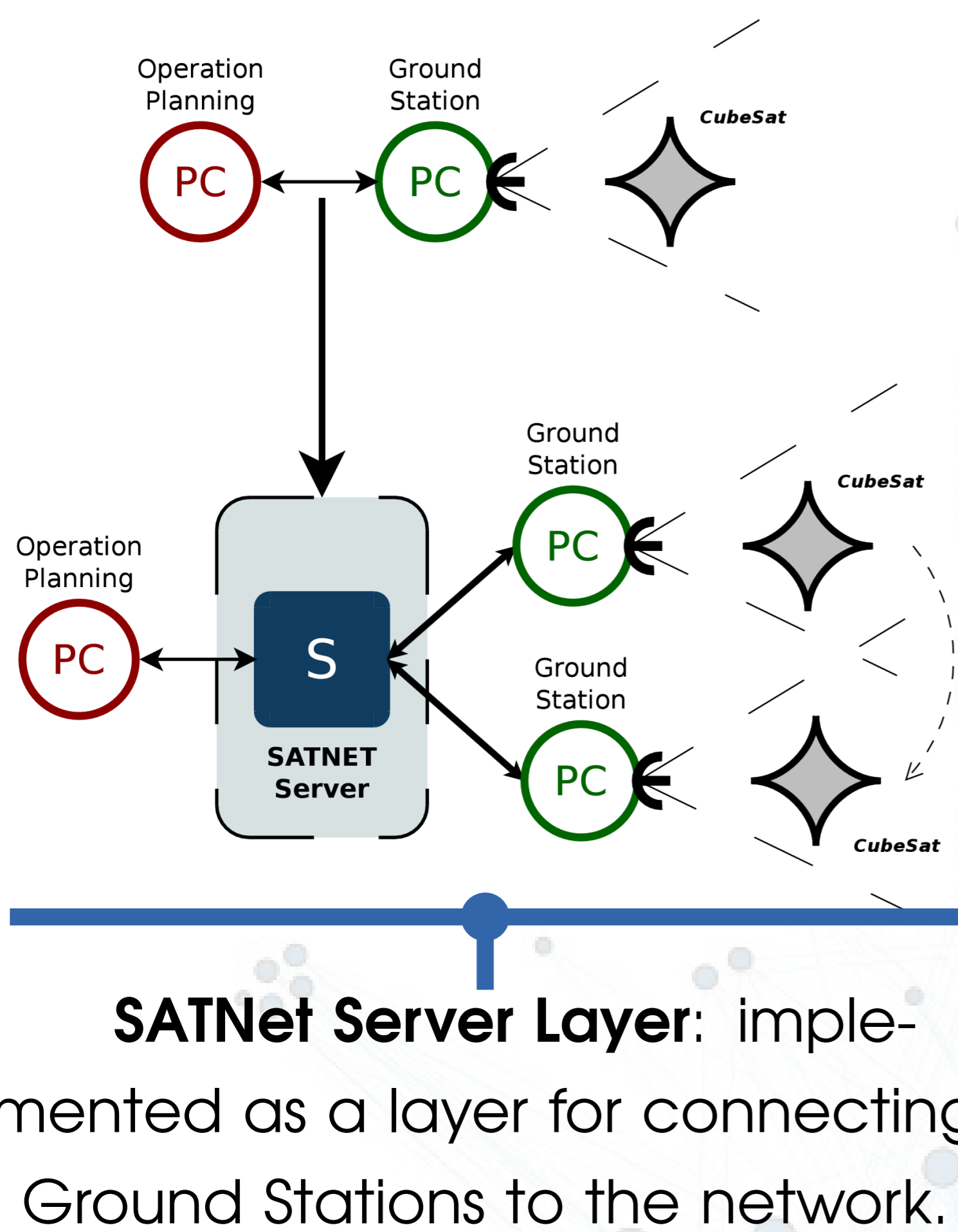
Bi-directional Communications over the SATNet Network

Prof. Fernando Aguado-Agelet¹

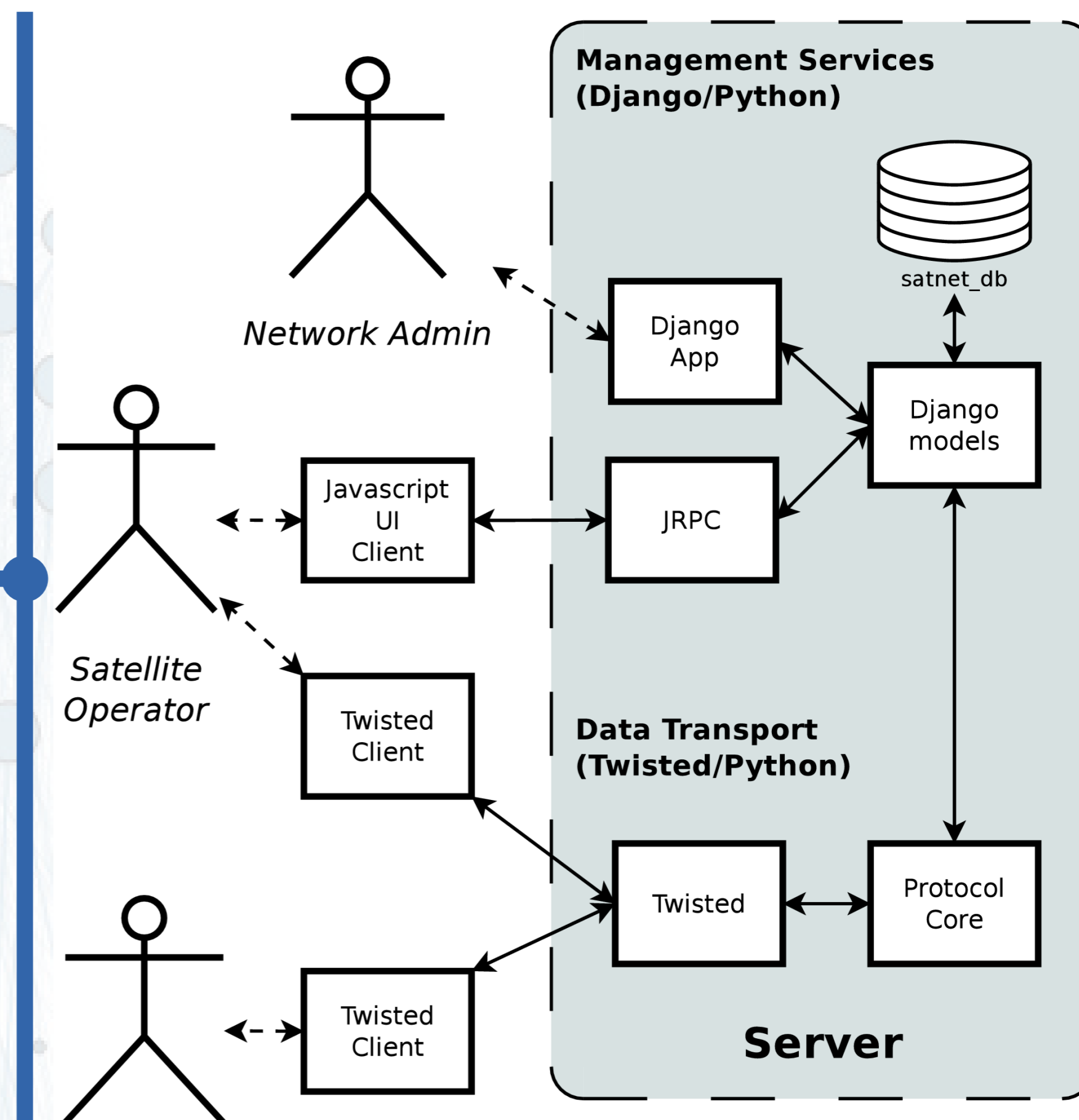
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- Server:**
- ▶ Services (Django)
 - ▶ Protocol (Twisted)
 - ▶ Database (PostgreSQL)
- Clients:**
- ▶ Independent
 - ▶ HTTPS JSON-RPC access
- Community:**
- ▶ Apache v2
 - ▶ GitHub Hosted



-	Mercury	GSN	MC3	GENSO	SATNet
Paradigm	Client Server	Client Server	Legacy GCA	Hybrid P2P	Distributed Network
Remote GS	data	data	data	audio	data
Federation	yes	-	yes	-	yes
Scheduling	-	-	Central	Distributed	Hybrid
Security	-	-	Central	-	Distributed
Sources	Source Forge (2003)	-	-	-	GitHub
License	GPLv2	-	-	-	Apache v2

- Improvements:**
- ▶ Network Design
 - ▶ TC/TM with Messages
 - ▶ Security (HTTPS)
 - ▶ Web Registration
 - ▶ Open Source

Implementation Status:

- ▶ LEOP downlink running
- ▶ AngularJS client for coordination
- ▶ Google Chrome application for data retrieval

JOIN US!:

▶ github.com/satnet-project

