



Dr. Swades De
Professor,
Dept. of Electrical
Engineering,
IIT Delhi, India



Dr. Li-Chun Wang
Professor,
Dept. of Electrical and
Computer Science,
NYCU Taiwan

Design and Optimizations Toward Smart Grid Connected Green Future Communication Networks



Ashutosh Balakrishnan
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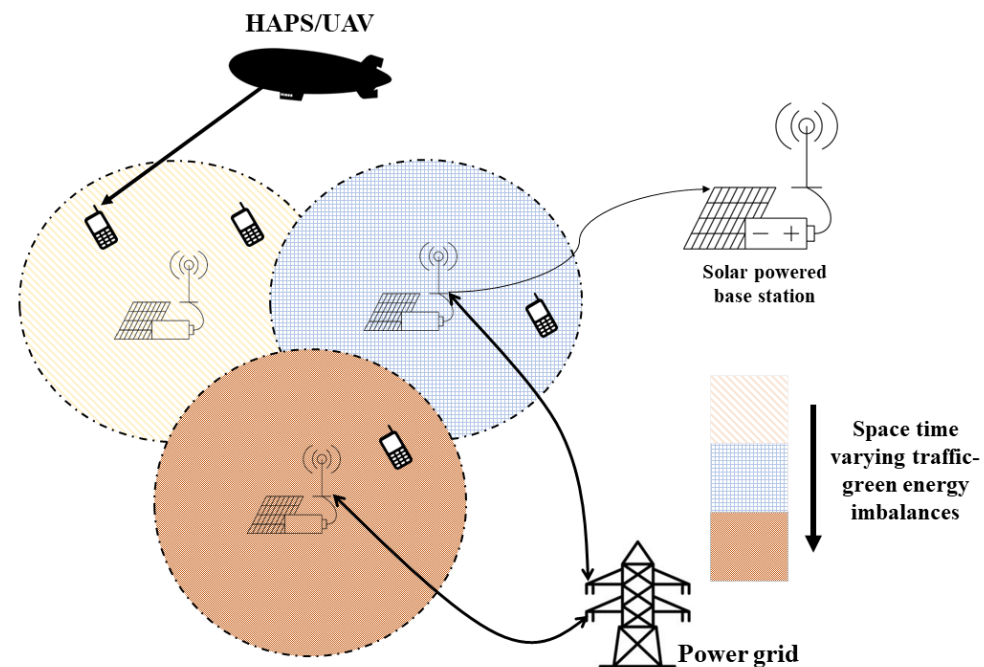


Ashutosh Balakrishnan, Electrical Engineering

IIT Delhi Advisor & Dept.: Prof. Swades De, Electrical Engg.
NYCU Advisor & Dept.: Prof. Li-Chun Wang, EECS

Current status/stage of your JDP: Thesis submitted, 4.5 years completed

- 4-5 brief bullet point describing your research work
- Significant Achievements
 - Prime Minister's Research Fellow w.e.f. Aug. 2021
 - Recipient of **Best Journal Award** ICST, NYCU, Dec. 2022
 - Recipient of **Student travel grant**, MOST, Taiwan, Dec. 2022
 - Recipient of **Best Paper Award**, COMSNETS, Jan. 2024
 - Publications/patent can be accessed from google scholar link: <https://scholar.google.com/citations?user=4wcptE0AAAAJ&hl=en&oi=ao>



Energy harvesting enabled and smart grid connected communication network architecture.



How useful is this collaboration for your PhD?

- International collaboration is very helpful to build an academic career.
- Good platform to connect and network with new people.

Any motivational message that you wish to share with the next batch of JDP students

- Taiwan is a peaceful place to live
- Very exciting place especially for semiconductor research.



Receiving the Best Journal Award,
ICST, NYCU, Dec. 2022.