Track 8 Results

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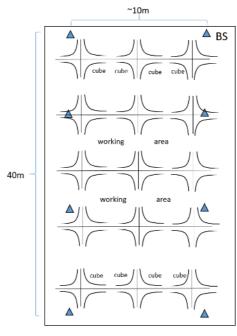


Environments

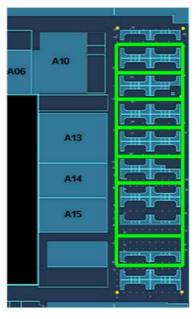




Office Picture



Testing Area Layout



Testing Routes



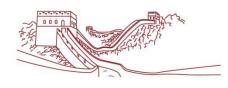












System Setup



Layout	Testing area 40 meters long, 12 meters		
Carrier frequency	4.88 GHz		
Bandwidth	100 MHz		
Subcarrier spacing	30 kHz		
gNB antenna number	1		
UE antenna number	1		
gNB antenna height	3 m		
UE antenna height	1.5 m		
Link direction	Uplink, UE sends SRS		
gNB number	8		
Measurements	TOA, RSRP		

Practical Challenges:

- 1. Synchronization error between gNBs, unknown value less than 100ns.
- 2. Measurements are contaminated by dense indoor multipaths, i.e., measurement error
- 3. Limited number of ground truth labels, testing dataset only 10% are labeled with ground truth















Results



Accuracy (cm@75%)	D1	D3	D4	D7	Final results (Best result in two scoring data set)
Team Name : GoD (Winner)	150.63cm	98.61cm	113.01cm	144.68cm	121 62
	Average score : 124.62cm		Average score : 128.85cm		124.62cm
Team Name : ISCAS	411.12cm	286.69cm	233.98cm	318.14cm	276.06 cm
	Average score : 348.91cm		Average score : 276.06cm		- 276.06cm

Team Name	Department	Team members	Contact	Email
GoD	Beijing University of Posts and Telecommunications	Kai Luo, Ziyao Ma, Yanbiao Gao, Jizhou Wang, Deming Zhu, Yuqi Huo, Tianbao Pan	Jizhou Wang	wangjizhou1028@163.com
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Congratulations!!!

