

# TM01

## Poster Session

09:00 – 11:00

Chair1 : Jinyoung Kim ( Tongmyong Univ., Korea )

Room : Base 2nd Floor-Zillertal

Chair2 :

TM01-31

### Measurement of Noise and Speed in the EMR using Power Line Network

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Chung Keun Lee, Se Dong Min, Nam SuK Bang,  
Myung Ho Lee(Yonsei Univ., KOREA)

Recently Many technologies of the P.L.N (Power Line Network) are introduced for an efficient communication. P.L.N transmits information using power line channel. A medical information transmission system is proposed in this paper for the effective transmission. The Power Line Networks have

an advantage in low cost because it uses existent power line. It can be easily applied anywhere that a power line socket is available. But the power line channel is very noisy, because many electronic devices in generate electronic noise in modulated signals. This problem should be considered carefully in the design of medical information transmission system using P.L.N. The proposed system can be applied ...

I propose a telemedicine system using the power line network.

