

# WTs for 6G Security

# Potential Security WTs

## WT1: Core Network Security

- Security enhancement for Connectivity (e.g., NAS System enhancement, System Migration and Interworking )
- Security enhancement for Beyond Connectivity (e.g., Data Framework)

## WT2: MAC Layer Security

- To avoid failure of RAN procedures such as LTM and RA procedure, integrity protection could prevent tempering some critical MAC CE parameters.
- To protect sensitive information such as location information during MAC CE transmission, encryption could prevent attacker from eavesdropping MAC CE information.

## WT3: PHY Layer Security

- Taking security into consideration at the beginning of 6G reference signal or channel design can effectively prevent potential PHY layer security and privacy threats.

Thanks for listening!