

## Industrial Session Speaker

Name	Young Jun Won
Affiliation	FRTech
Presentation Title	Development of IFoF based DAS for 28GHz Millimeter-Wave 5G System
Biography	
<p>15 year experience on RF repeater and DAS repeater development</p> <ul style="list-style-type: none"><li>- Various FDD repeater development (PCS, WCDMA, LTE)</li><li>- Various broadcast repeater development (DMB, FM)</li><li>- Various development of TDD repeaters for WiBro, WiMax</li><li>- World's first 5G DAS development and BTS interlock trial complete, co-operated with KT on 2016</li><li>- 5G DAS trial service in the Pyeong Chang Winter Olympics, co-operated with KT and ETRI on 2018</li></ul>	
200 words abstract	
<p>There are many difficulties to implement DAS in 28GHz 5G service. IFoF based optic transmit technology is needed for remote transmission, and technology for 28GHz circuit implementation is also needed as well. Currently in Korea, BTS manufacturers are planning on providing RIU(Repeater Interface Unit), due to carrier's request in order to provide 5G DAS service. Each repeater manufacturer are implementing DAS that can interlock with it, and proceeding development for 5G commercialization in 2019.</p>	