

4<sup>th</sup>

**Bologna**  
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**ISWCS'17**

# INTERNATIONAL SYMPOSIUM ON WIRELESS COMMUNICATION SYSTEMS



**Certificate for awards ISWCS**

**ISWCS 2017 Best Student Paper Award  
TRACK I**

**EVALUATING MASSIVE MIMO PRECODING  
BASED ON 3D-CHANNEL MEASUREMENTS  
WITH A SPIDER ANTENNA**

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*Prof. Chiara Buratti*

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