

## AV Ingenieros collaborates with St. Petersburg's *Baltic State Technical University "VOENMEH"* to characterise noise from high-speed trains



St. Cugat del Vallés, May 30<sup>th</sup> 2016

AV Ingenieros cooperates with St. Petersburg's *Baltic State Technical University "VOENMEH"* investigation centre led by Dr. Nickolay Ivanov in the acoustic characterisation of high-speed trains.

Currently *Russian Railways Company, RZhD*, is designing a new high-speed railway line between Moscow and Kazan where commercial operation speed will be around 400 km/h. To that end, *Baltic State Technical University "VOENMEH"* together with *Petersburg State Transport University* have developed Special Technical Conditions related to noise protection and prediction.



Tasks being developed by AV Ingenieros in collaboration with Russian researchers will allow validating a prediction model of noise induced by high-speed railway lines.

This cooperation has led to a scientific paper published in the ***NOISE Theory and Practice*** Journal and we are preparing another scientific paper.