

# Experiments in Fluid Mechanics 2015

Warsaw, 26-27.10.2015

Institute of Aeronautics and Applied Mechanics

Nowowiejska 24, 00-665 Warsaw, Poland

RETURN THIS DOCUMENT TO [jack@meil.pw.edu.pl](mailto:jack@meil.pw.edu.pl) by 1.10.2015

The email subject: EFM 2015 + *your name*.

Rename the file to: EFM2015 + *your name*

Please, kindly use Arial 11 and do not exceed 1 page in total.

<b>Title of presentation:</b> Measurements of the free-stream turbulence in the new LATiS wind tunnel
<b>Authors</b> Marcin Drzewiecki
<b>Organisation(s):</b> Centrum Techniki Okrętowej S.A.
<b>Email(s):</b> <a href="mailto:marcin.drzewiecki@cto.gda.pl">marcin.drzewiecki@cto.gda.pl</a>
<b>Abstract:</b> <p>The presentation will discuss the features of the new LATiS wind tunnel, focusing on turbulence intensity within the measuring space of an air chamber in a wind tunnel. Turbulence intensity characteristics will be shown for selected coordinates within the measuring space. There will also be a presentation of the measurement technique utilised as well as a description of how a turbulence intensity signal can be processed when measured in conditions of electromagnetic distortion.</p>