
ASSIGNMENT

MSc MAJOR PROJECT (BMEGEÁTMWD1)

Title: **Large Eddy Simulation of an Axial Flow Fan**

Author's name (code): **Csaba Kocsárd GULYÁS (PRYX7B)**
Curriculum: MSc in Mechanical Engineering Modelling / spec. Fluid Mechanics
Curriculum's code: 2N-MW0-FM

Supervisor's name, title: Tamás BENEDEK, PhD student
Affiliation, address: Department of Fluid Mechanics / BME

Advisor's name, title: Dr. Gábor JANIGA, associate professor
Affiliation, address: Institut für Strömungstechnik und Thermodynamik / OVGU

Description / tasks of the project:

1. Overview the required technical literature special regards on large eddy simulation and its application on axial flow fans
2. Prepare the large eddy simulation of the assigned fan
3. Carry out large eddy simulation on the assigned fan
4. Summarize the work in the required document format

Handed out / Deadline: **8th of September 2014. / 12th of December 2014.**
Budapest, 8th of September 2014.

(L.S.)

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supervisor

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Dr. János VAD, full professor
Head of Department

Received by:
Budapest, 8th of September 2014.

The undersigned declares that all prerequisite subjects of the Major Project have been fully accomplished. Otherwise, the present assignment for the Major Project and the subject's registration of BMEGEÁTMWD1 are considered to be invalid.

.....
student



Supervisor's declaration of acceptance:	The submitted Project Report fulfils all requirements of the Department of Fluid Mechanics, Budapest University of Technology and Economics.
Supervisor's proposal for final grade of the thesis:	<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"><p>The proposed final grade* of the Project Report:</p><p>.....</p></div> <p>* Please, select one: excellent (5), good (4), medium (3), acceptable (2), fail (1)</p>
Date:	Budapest, 12 th of December 2014.
Name / Signature:	<p>.....</p> <p>supervisor</p>

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