

ASSIGNMENT

MSc MAJOR PROJECT (BMEGEÁTMWD1)

Title: **Wind tunnel modelling of flow and dispersion around an urban square**

Author's name (code): **András TOMOR (IDTP8W)**
Curriculum: **MSc in Mechanical Engineering Modelling / Fluid Mechanics**
Curriculum's code: **„2N-MW0-FM“**

Supervisor's name, title: **Márton BALCZÓ, assistant research fellow**
Affiliation, address: **Department of Fluid Mechanics / BME**

Advisor's name, title: -
Affiliation, address: -

Description / tasks of the project:

1. Vertical profile measurements with two component LDV system on the model of József Nádor Square with North wind direction
2. Horizontal plane measurements with two component LDV system on the model of József Nádor Square with North wind direction
3. Flow field measurements with Northwest wind direction
4. Testing of the new FID system
5. Construction and application of a unit modelling a line source

Handed out / Deadline: **10th of February 2014. / 16th of May 2014.**
Budapest, 10th of February 2014.

(L.S.)

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supervisor

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Dr. János VAD, associate professor
Head of Department

Received by:
Budapest, 10th of February 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



<p>Supervisor's declaration of acceptance:</p>	<p>The submitted Project Report fulfils all requirements of the Department of Fluid Mechanics, Budapest University of Technology and Economics.</p>
<p>Supervisor's proposal for final grade of the thesis:</p>	<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>
<p>Date:</p>	<p>Budapest, 16th of May 2014.</p>
<p>Name / Signature:</p>	<p>.....</p> <p style="text-align: center;">supervisor</p>

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