



FINAL PROJECT ASSIGNMENT

Publicly Available

Identification	Name: Hou Jianfeng		ID: 73361107658	
	Code of the Curriculum: 2NAMW0		Specialisation:	Document ref. number:
	Curriculum: Master Program in Mechanical Engineering Modelling		2NAMW0-FM	GEÁT:2020-1:2NAMW0:UT7TF8
	Final Project issued by: Department of Fluid Mechanics		Final exam organised by: Department of Fluid Mechanics	
	Supervisor: Dr. Balczó Márton (72492387511), adjunktus			

Project Description	Titée	Wind tunnel measurement of drag force on railway catenary masts Vasúti felsővezeték oszlopok légellenállásnak szélcsatorna mérése
	Details	1. Review of English literature on drag force on beams and lattice structures 2. Calculate drag force on T type catenary masts based on existing literature 3. Participation in the full scale measurement 4. Analysis of full scale measurement data including: 5. Comparison to literature 6. Investigation of the effect of flow angle and solidity ratio 7. Summarize the work in the required document format of the MSc Thesis.
	Advisor	Advisor's Affiliation: -

Final Exam	1 st subject (group)	2 nd subject (group)	3 rd subject (group)	4 th subject (group)
	ZVEGEÁTMW02 Computational Fluid Dynamics	ZVEGEÁTMW03 Flow Measurements	ZVEGEÁTMW08 Building Aerodynamics	ZVEGEVGMW06 Hemodynamics

Authentication	Handed out: 15 September 2020		Deadline: 11 December 2020			
	Compiled by: Dr. Márton Balczó (72492387511) Supervisor		Verified by: Dr. János Vad (signed) Head of Department		Approved by: Dr. Péter Bihari (signed) Vice-Dean	
	The undersigned declares that all prerequisites of the Final Project have been fully accomplished. Otherwise, the present assignment for the Final Project is to be considered invalid. <i>Hou Jianfeng</i>					