

Schedule of Kinematic Measurement Systems Lab 6+7

1. Overview WP

Table 1: WP Overview
Work Package Brief description Number of students

		Work Package	Task Description	Members
Tachymeter	P-controller	WP 1	<ul style="list-style-type: none"> - Description of the sensor - Description of the controller - Test drives - Evaluation - Codes 	He, Shengping (WP 9) Wei, Yazheng Zhang, Chanjuan
	PD-controller	WP 2	<ul style="list-style-type: none"> - Description of the sensor - Description of the controller - Test drives - Evaluation - Codes 	Qiu, Zhouyan (WP 9) Li, Shimeng Wang, Yusheng
	PID-controller	WP 3	<ul style="list-style-type: none"> - Description of the sensor - Description of the controller - Test drives - Evaluation - Codes 	Suo, Shu Hong, Yi Chen, Chih Chieh Yuan, Yining <u>(Please choose one member to join WP 7)</u>
GNSS	P-controller	WP 4	<ul style="list-style-type: none"> - Description of the sensor - Description of the controller - Test drives - Evaluation - Codes 	Elshqeirab, Hussein Hakam Zhang, Ziqiang
	PD-controller	WP 5	<ul style="list-style-type: none"> - Description of the sensor - Description of the controller - Test drives - Evaluation - Codes 	Ahmeti, Shkelgim Mansoor Akosah, Andrews

	PID-controller	WP 6	- Description of the sensor - Description of the controller - Test drives - Evaluation - Codes	Liu, Muyu Chen, Yujing Duan, Yongxu Liu, Nian <u>(Please choose one member to join WP 8)</u>
Management WP		WP 7	- Comparison of results from WPs 1 – 3	One member of WP 3
		WP 8	- Comparison of results from WPs 4 - 6	One member of WP 6
		WP 9	- Final report	Qiu, Zhouyan He, Shengping

2. DDL and Request

a. WP 1 – WP 3

- Write report of their own WP including description and evaluation
- Provide codes for computation and display the results
- Write down the Matrikelnumber and email address of all members in the report
- Follow the given structure and format by WP 9
- Hand in the report and codes to **WP 7 before 23rd July**

b. WP 4 – WP 6

- Write report of their own WP including description and evaluation
- Provide codes for computation and display the results
- Write down the Matrikelnumber and email address of all members in the report
- Follow the given structure and format by WP 9
- Hand in the report and codes to **WP 8 before 23rd July**

c. WP 7 – WP 8

- Receive all the report for WP 1-3 or 4-6
- Make comparison of results using different controllers
- Hand in all codes and one report of Tachymeter part or GNSS part to **WP 9 before 31st July**

d. WP 9

- Provided the general format of reports **before 16th July**
- Collect report from WP 7-8
- Pull the reports together
- Hand in the reports and codes **on 3rd August**
- Send the elaboration to all members