



The selected problems associated with modelling the hydromechanic characteristics of the innovative small ships and unmanned maritime objects

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Outline of the lecture:

1. An implementation area of the innovative small ships and unmanned maritime objects. An impact of the implementation area on a small ship (unmanned object) basic parameters and hydromechanic characteristics.
2. The most important phenomena affecting a small ship (unmanned object) motion on the water surface. An influence of the particular conditons on the small ship (unmanned object) motion.
3. The principles of modelling of a small ship (unmanned object) motion.
4. A mathematical model of a small ship (unmanned object) motion in the real operational conditions. The equations of flow. The equations of motion.
5. Some remarks on the computational models.
6. A methodology of design of the innovative small ships and unmanned maritime objects.
7. The applications.

Terminy wykładów			
Data	Dzień tyg.	Godzina	Sala
2015-10-05	Pn	9.15-12.00	EA 06/08 (WETI A)
2015-10-06	Wt	9.15-12.00	EA 06/08 (WETI A)
2015-10-07	Śr	9.15-12.00	EA 06/08 (WETI A)
2015-10-08	Cz	9.15-12.00	300 GG
2015-10-09	Pt	9.15-12.00	EA 06/08 (WETI A)