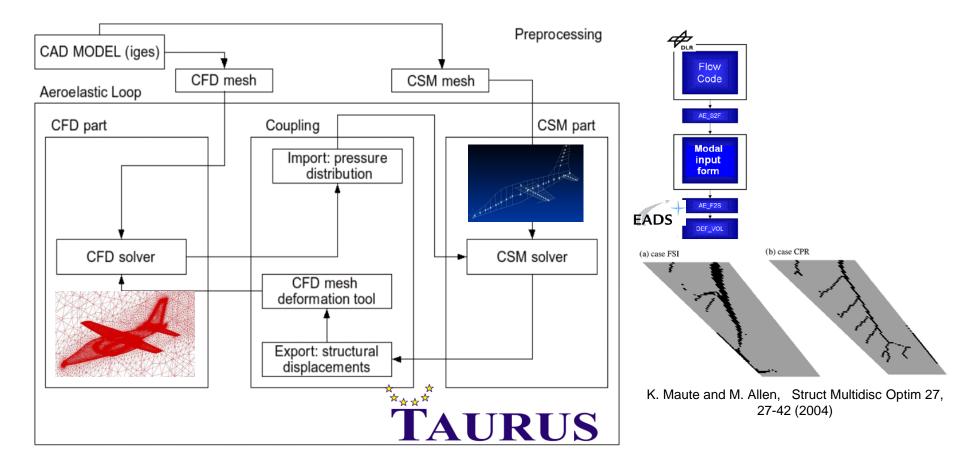
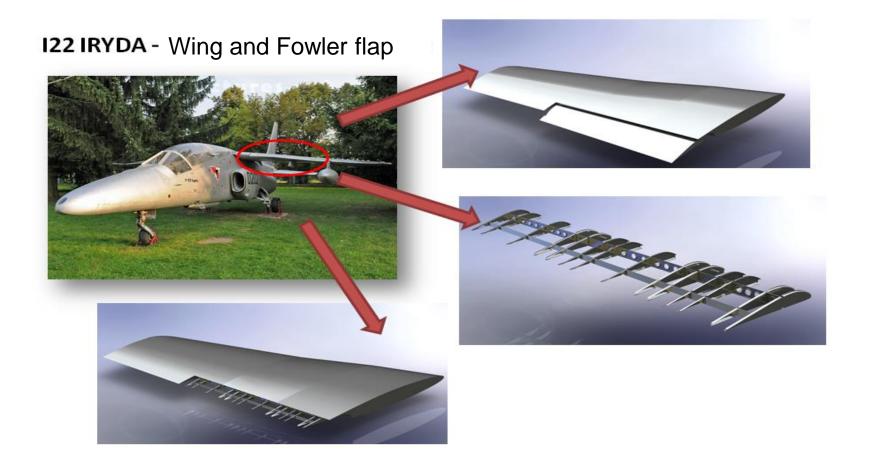
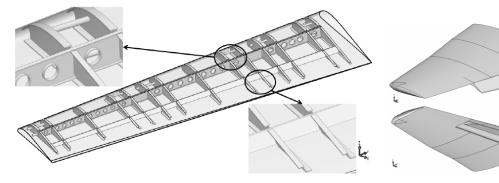




Biomimetic optimisation – new approach to aircraft structural design

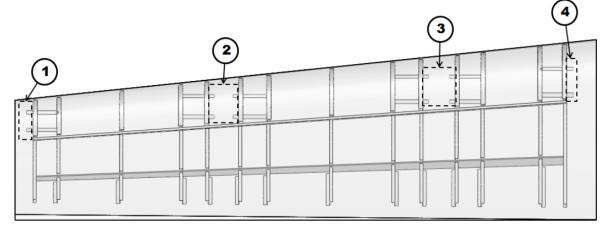


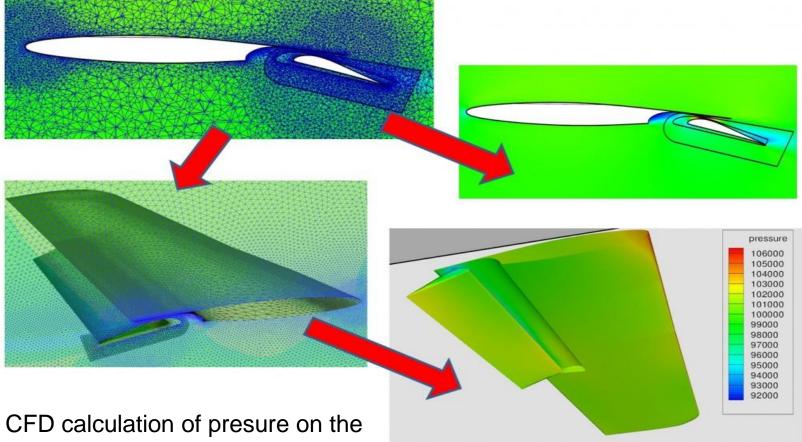




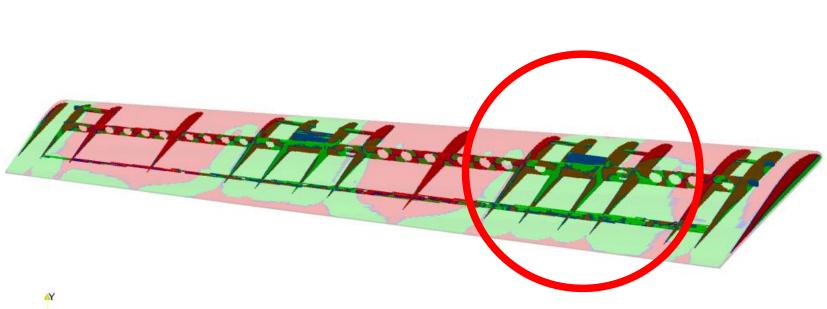






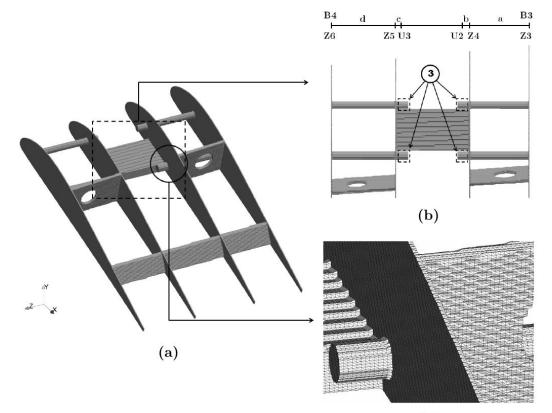


wing and Fowler flap

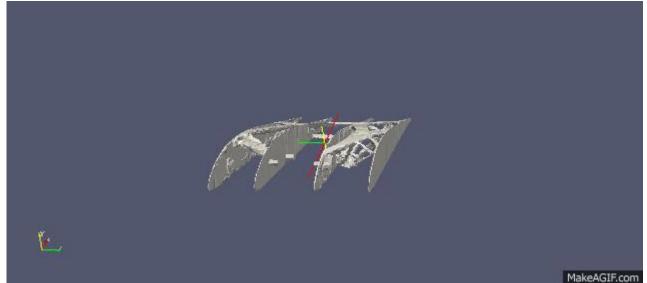




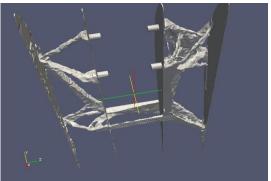
Color map presents amount of energy on each part on Fowler flap.

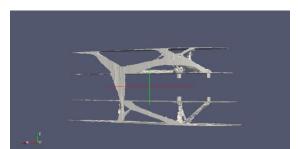


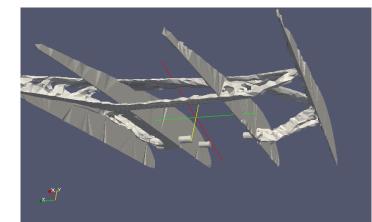
(c)

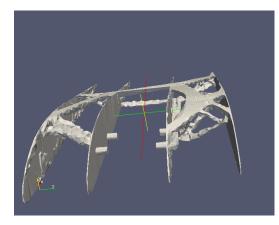


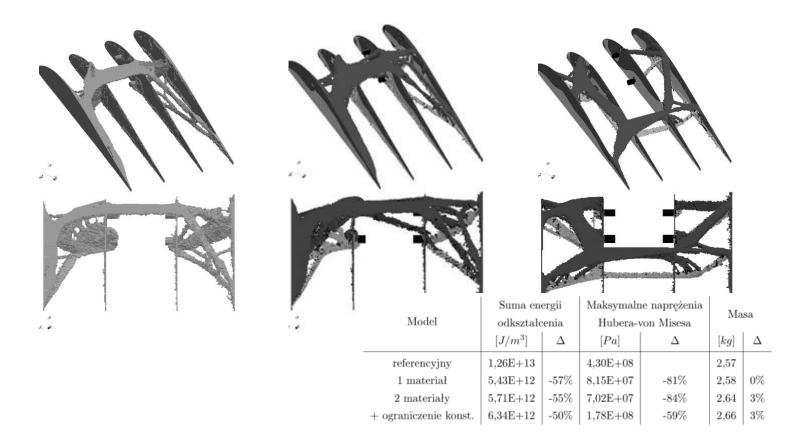
Results of Biomimetic Structural Optimization Implemented to the Aeroelstic Environment



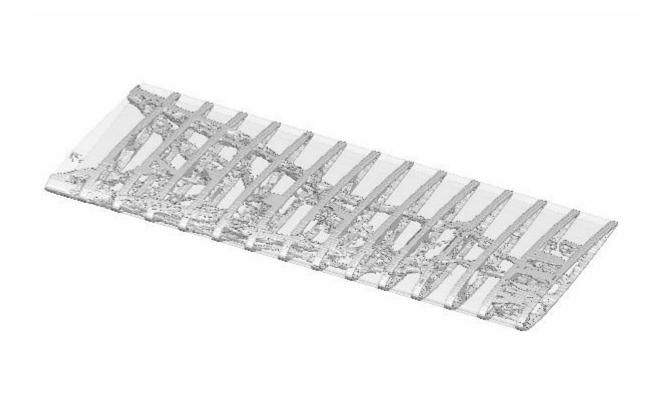














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Cosmoprojector

Biomimetic Topology Optimization Method