

HURON CYCLING LLC

Improving Cycling Efficiency

Newsletter IMPACT Drivetrain, May 2018

Eastern Michigan University has completed its first set of scientific tests on the Huron Cycling IMPACT drivetrain. The IMPACT drivetrain includes a novel type of spring crank set with improved efficiency. The academic team was led by professor Stephen McGregor. According to professor McGregor:

"We have extensively tested the Huron Cycling IMPACT drivetrain with 16 trained athletes using power meters and metabolic test equipment. Our conclusion is that the IMPACT drivetrain increases effective power by several percent for a range of cadence and power levels"

The results of the scientific research are scheduled to be published online during 2018 on the website of the Public Library of Science and will be submitted for presentation at the American College of Sports Medicine Annual Meeting in 2019. The test results were obtained on an Aluminum proof of concept crank set by McGregor's team. Huron Cycling has also developed a lightweight carbon based prototype targeted for commercialization.

See testing of proof of concept prototype at YouTube: <https://www.youtube.com/watch?v=vyn8EGjm2gA>



Testing of proof of concept drivetrain at EMU



Stephen McGregor



Lightweight IMPACT drivetrain

Introduction Tour

Huron Cycling LLC is planning Introduction Tours this summer to present and explain the IMPACT Drivetrain to a limited number of companies in Europe and North America.

About Professor McGregor

Stephen McGregor is Director of the Applied Physiology Laboratory at Eastern Michigan University and an expert on cycling power measurements. He is also a Level 1 USA Cycling coach and has coached numerous athletes including Olympians.

About Huron Cycling

Huron Cycling LLC is a technology startup developing technology on novel bicycle drivetrains, crank sets and power meters.

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