Edoardo Menghini is born and grew up in Bologna, Italy. After high school he decided to start his studies at the University of Bologna graduating with a BS in energetic engineering. After graduating he changed his mind about his studies so he has attended the University of Parma. He has been studying a master's degree program specializing in mechanical. Edoardo is keen on practising outdoor sports like motorbikes, ultimate Frisbee, cycling and he loves combat sports, even if he never fought once.

New Scholar on the Block

Visiting Scholar: Edoardo Menghini

Title: Visiting MS Student

Host Professor(s): Andrea Vacca

Duration: 9 months

Location: LILY 2-114

Location: ABE 301

Research Interest in ABE:

Maha Fluid Power Research Center hosts cutting-edge research in hydraulics and fluid power. From computer modeling of pumps and motors, to experimental verification on real-world equipment, every aspect of fluid mechanics is explored at Maha. Edoardo will focus mainly on the fluid-dynamics of gear pumps.

Application:

Gear pumps are commonly used for pumping high viscosity fluids such as oil, paints, resins or foodstuffs. They are also preferred in applications where accurate dosing or high pressure output is required as in industrial, agricultural and mobile hydraulic applications.