

*Office of the Provost*

his career have now become the standard approach in the stability analysis of bipedal locomotion used by researchers internationally. He has made several fundamental contributions to Rigid Body Impact Mechanics including the solution of multi-contact problems that has since been established as the main method in mathematical modeling of contact problems in robotics. He also discovered the existence of micro collisions and their effect on rigid body impacts. This discovery challenges an inconsistency in Newton's definition of the restitution coefficient and offers a new method to resolve the inconsistency. One expert even referred to Dr. Hurmuzlu's contribution to impact theory as "probably the most significant since Newton."

In addition to world-class research, Professor Hurmuzlu has established a reputation as a first

concerning the U.S. No Fly List. His blog posts have been featured on *Lawfare*, *Just Security*, and *Concurring Opinions*.

His work on Russian law has been noted by name by the editors of *The New York*



