

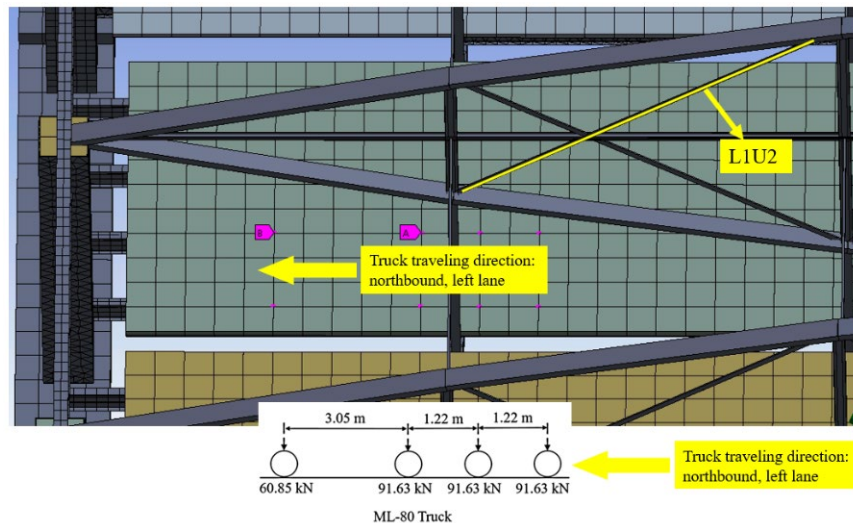


Dr. Piervincenzo (Piero) Rizzo

Professor

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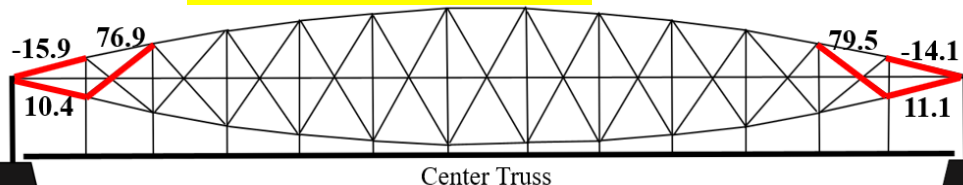
Dr. Rizzo's research expertise is in the areas of nondestructive evaluation, structural health monitoring (SHM), and sensing. His research has been supported by the NSF, PennDOT, FRA, National Academy of Sciences, and the American Society for Nondestructive Testing. He is the first person worldwide who has received both the Achenbach Medal and the SHM Person of the Year Award. He is also the recipient of the 2016 University of Pittsburgh Chancellor's Distinguished Research Junior Scholar Award.

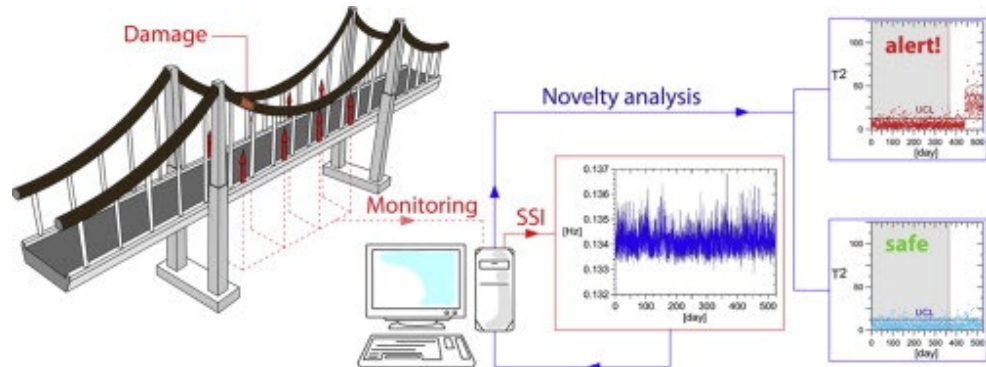


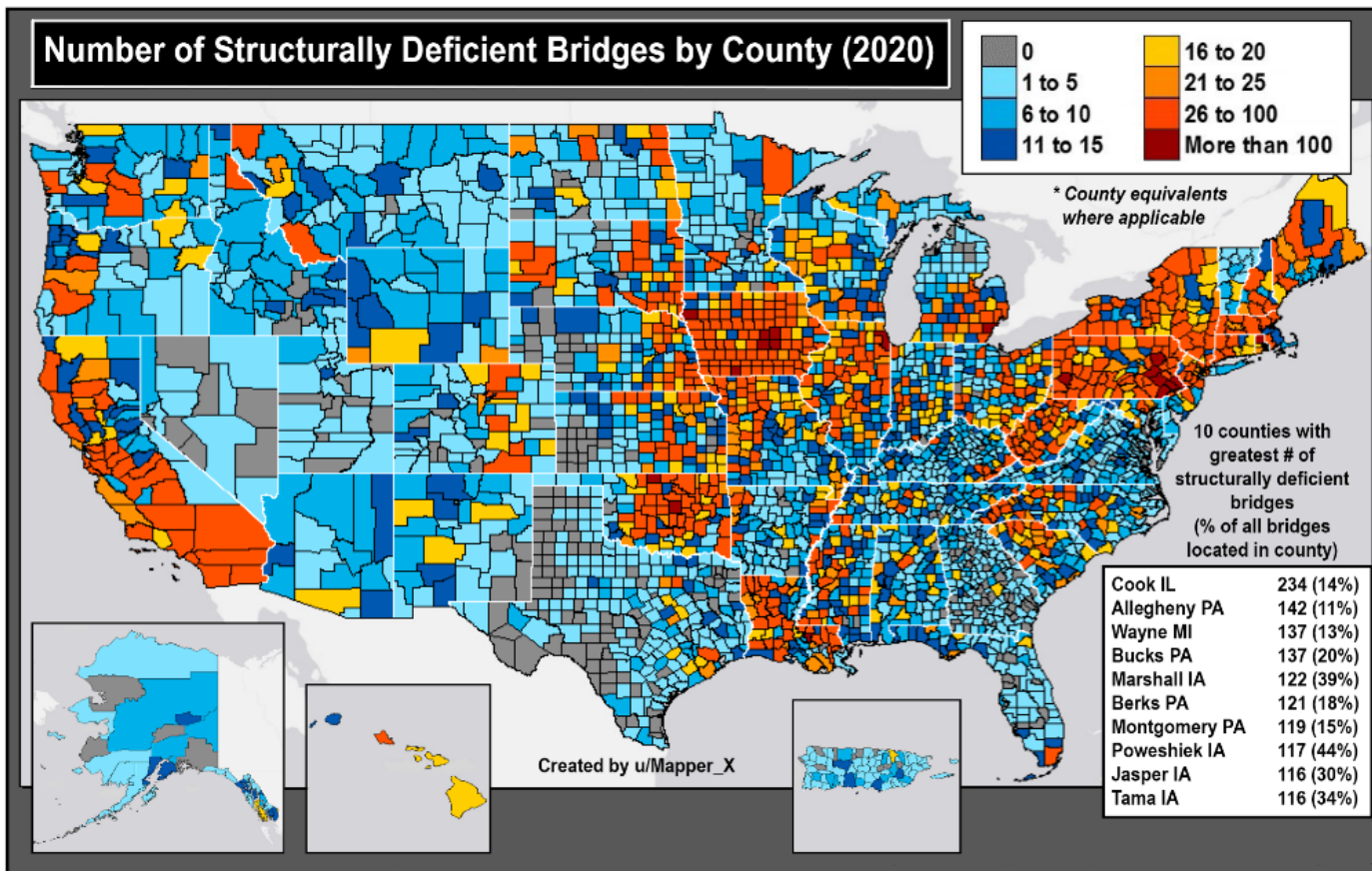
Truss member	Truck Type			
	Company Truck	ML-80	H20	HS20
Member L_1U_2	80.89	114.1	62.28	98.95
Member $L'_1U'_2$	80.92	114.3	62.33	99.05

Finite element strains ($\mu\epsilon$)

Experimental strains ($\mu\epsilon$)







Source: <https://i.redd.it/h8eezrv2ma71.png>.