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**HONGBIN GUO**, University of Ottawa

*Global stability for a class of epidemiological models with multiple age structures*

A class of staged-progression models with multiple age of infection structures and/or age of latency structures, are formulated to describe infectious disease progression with long latency and/or infectious period. Global properties of these structured models are studied using the Volterra-type Lyapunov functionals.

This is a joint work with Suxia Zhang from Xi'an University of Technology.