**Biosketch**

Following Engineering diploma degree from University of Belgrade (Yugoslavia), MS from Case Western Reserve University and PhD from Harvard University, Mesarovic worked as Research associate at Cambridge University (England), then as Senior Scientist at University of Virginia. He joined WSU in 2001 as Assistant professor and was subsequently promoted to Associate and Full professorship.

His interests can be broadly described as is intrersts mathematical formulation of physical processes, with particular interest in multiscale models and computational methods, and with applications in both, materials processing and service. Specifically, current interests include:

* Computational methods for coupled problems with moving boundaries. Specifically:
  + Phase transformations
  + Diffusional creep in polycrystals
  + Capillary flows
* Plasticity of crystals and interfaces
* Micromechanics of granular materials
* Collective behavior of carbon nanotubes
* Contact and adhesion mechanics on nanoscale

He authored and co-authored over 70 journal publications and numerous conference papers. His research has been funded by NSF, DOE and NASA. He received the Fulbright Scholar grant in 2013/14. He held Visiting professorships at Ecole des Mines (Paris, France), University of Kragujevac (Serbia) and University of Minnesota.