Continuum Mechanics Seminar (CMS)
Fall 2019

Petronela Radu, UNL, **Introduction and recent developments for nonlocal theories**
(09/05/2019 - 2:30pm - 110 Avery)

Siavash Jafarzadeh, Dept. of Mech. & Materials Engineering, UNL
Boundary-adapted spectral methods for peridynamics
(09/12/2019 - 2:30pm - **115 Avery**)

Diego Galvan, UNL, **On flocking models**
(09/19/2019 - 2:30pm - 110 Avery)

Collin Victor, UNL, **Continuous Data Assimilation with Dynamic Sampling**
(09/26/2019 - 2:30pm - 110 Avery)

Bacim Alali, Kansas State University, **Integral representations of peridynamic operators'
eigenvalues.** (10/03/2019 - 2:30pm - 110 Avery)

Nicole Buczkowski, UNL, **Neural networks and differential equations**
(10/10/2019 - 2:30pm - 110 Avery)

NO SEMINAR, **SIAM Conference at Iowa State**
(10/17/2019 - 2:30pm - 110 Avery)

Yanzhi Zhang, Missouri University of Science and Technology, **TBA**
(10/24/2019 - 2:30pm - 110 Avery)

NO SEMINAR, **Collaboration Initiative on Innovation Campus, UNL**
(10/31/2019 - 2:30pm - 110 Avery)

Yue Yu, Lehigh University, **TBA**
(11/07/2019 - 2:30pm - 110 Avery)

Piyush Grover, Dept. Mech. & Materials Engineering, UNL
Design of collective behavior via bifurcations in mean-field games
(11/14/2019 - 2:30pm - 110 Avery)

Hayley Olson, UNL, **Analytical results for nonlocal models**
(11/21/2019 - 2:30pm - 110 Avery)

Stephen Scott, CSE, UNL, **Machine learning and neural networks**
(12/05/2019 - 2:30pm - 110 Avery)

Organizers:

- **Mikil Foss (mfoss@unl.edu)**

- **Petronela Radu (pradu@unl.edu)**

https://www.math.unl.edu/2019-spring-math-seminars