

## ***Clements Scientific Computing Seminar Series***

Fall, 2019

Department of Mathematics, SMU

126 Clements Hall

1. September 19, Thursday, 3:45pm  
**Dr. Jiequn Han**, Math., Princeton University, *Uniformly Accurate Machine Learning Based Hydrodynamic Models for Kinetic Equations*
2. September 16-27, 3:30pm or 5pm \*  
**Prof. Andriy Baumketner**, Condensed matter physics, Ukraine Academy of Sciences, 10 lectures on *Monte Carlo Method for Problems in Mathematics, Physics and Biology*
3. October 3, Thursday, 3:45pm,  
**Prof. Chi-wang Shu**, Applied Math, Brown University, *Discontinuous Galerkin Method for Convection Dominated Partial Differential Equations*
4. October 31, Thursday, 3:45pm,  
**Prof. Guillaume Bal**, Stats and Math, U. of Chicago, *Topological invariants for interface modes.*
5. November 14, Thursday, 3:45pm  
**Prof. Max Gunzburger**, Dept of Sci. Compt, FSU, *tba*
6. November 21, Thursday, 3:45pm,  
**Prof. Xiaoliang Wan**, Math, LSU, *Capture small-noise-induced rare events in differential equations*
7. December 5, Thursday, 3:45pm  
**Prof. Shi-li Zhang**, Solid State Electronics, Uppsala University, *Nanopore and DNA sensing*

*Refreshment starts 15 minutes before talks.*

*Further details available online [webpage](#)*

\* Joint event with NSF RTG project