Thursday 3/26

07:30-08:30	**Breakfast [Copper Conference Center]**				

08:00-10:05	**Session 14A: Asynchronous and Randomized Algorithms.** Bighorn B	08:00-10:05	**Session 14B: Software Aspects.** Bighorn C/1	08:00-10:05	**Session 14C: Discretizations.** Bighorn C/2
	08:00 — Smoothing by asynchronous iterations and sparse approximate inverses for fluid dynamics on graphics processing units **Aditya Kashi** Siva Nadarajah		08:00 — Improving Hypre's semi-structured support **Victor Paludetto Magri** Ulrike Meier Yang, Robert Falgout		08:00 — Adaptive Space-Time CFOSLS for Evolution Equations **Andreas Schafelner** Panayot S. Vassilevski
	08:25 — Redundancy as a Remedy for Delayed Communication in Asynchronous Solvers **Aaron Barrett** Alyson Fox		08:25 — xSDK: Toward a Community Software Development Kit (SDK) for High-Performance Computational Science **Sarah Osborn** Ulrike Yang		08:25 — An Adaptive Newton Div-Curl Least-Squares Finite Element Method for the Cahn-Hilliard Equation **Chad Westphal**
	08:50 — Dynamic Non-Uniform Randomization in Asynchronous Linear Solvers **Masha Sosonkina** Evan Coleman, Erik Jensen		08:50 — Finite Element Tools for Performance Portability of Implicit and IMEX Simulations on Next Generation Architectures **Roger P. Pawlowski** Matthew T. Bettencourt, Eric C. Cyr, Sean T. Miller, Edward G. Phillips, Eric T. Phipps, Nathan V. Roberts, John N. Shadid, Christian R. Trott		08:50 — New mixed methods for incompressible hyperelasticiy in terms of Kirchhoff stress **Ricardo Ruiz-Baier**
	09:15 — —		09:15 — —		09:15 — Condensed Nonconforming Reformulations for Preconditioning Finite Element Discretization Problems **Delyan Kalchev** Panayt Vassilevski

10:05-10:25	**Coffee \& Tea Service**					

10:25-12:30	**Session 15A: Iterative Methods in Applications.** Bighorn B	**10:25-12:30**	**Session 15B: Preconditioning.** Bighorn C/1	**10:25-12:30**	**Session 15C: Inverse Problems.** Bighorn C/2
	10:25 A System of Semilinear Singularly Perturbed Convection-Diffusion type **Varsha Srivastava**		10:25 Block Preconditioning for Implicit Runge-Kutta Methods for Time-Dependent **Victoria Howle** Katharine Long, William Milestone, Md Masud Rana, Ashley Meek		10:25 Hyper-Differential Sensitivity Analysis for Inverse Problems. **Bart van Bloemen Waanders** Isaac Sunseri, Joseph Hart, Alen Alexanderian
	10:50 Unconstrained Energy Functional Methods for Massively Parallel Iterative Eigensolvers **Andrew Canning** Mauro Del Ben, Osni Marques		10:50 Block preconditioners for the the coupled Darcy-Stokes problem **Michele Benzi**		10:50 INCISIVE DVF INVERSION VIA BI-RESIDUAL FEEDBACK **Abhishek Dubey** Alexandros-Stavros Iliopoulos, Xiaobai Sun
	11:15 Generation of compressed stationary fields with circulant embedding **Robert Sawko** Malgorzata Zimon		11:15 —		11:15 —