		INTERNATIONAL SUMMER SCHOOL 2013, location New York University, New York, NY				
	Sunday, June 23	Monday, June 24	Tuesday, June 25	Wednesday, June 26	Thursday, June 27	Friday, June 28
08:00		**BREAKFAST** Room: Eisner-Lubin Room 401 in Kimmel Center	**BREAKFAST** Room: Eisner-Lubin Room 401 in Kimmel Center	**BREAKFAST** Room: Eisner-Lubin Room 401 in Kimmel Center	**BREAKFAST** Room: Eisner-Lubin Room 401 in Kimmel Center	**BREAKFAST** Room: Eisner-Lubin Room 401 in Kimmel Center
09:00		**PRACE & XSEDE & Riken Overview - 10 minutes per organization** Prof. Ukawa - RIKEN; Simon Wong - PRACE; John Towns - XSEDE Room: Eisner-Lubin Room 401 in Kimmel Center	**Materials Science** Thomas Schulthess, Swiss National Supercomputing Centre Room: Eisner-Lubin Room 401 in Kimmel Center	**Quantum Chromodynamics** Akira Ukawa, University of Tsukuba Room: Global Center - Room 369	**Life Sciences** Tom Cheatham, University of Utah Room: Eisner-Lubin Room 401 in Kimmel Center	**Nano-Science** Atsushi Oshiyama, University of Tokyo Room: Global Center - Room 369	**Data-Intensive Computing** Lars Koesterke, Texas Advanced Supercomputing Center Room: Eisner-Lubin Room 401 in Kimmel Center	**Numerical Algorithms** Olaf Lenz, Frankfurt Institute for Advanced Studies Room: Eisner-Lubin Room 401 in Kimmel Center	**Engineering - FEM** Kengo Nakajima, University of Tokyo Room: Global Center - Room 369
09:30		**Introduction of Participants** Room: Eisner-Lubin Room 401 in Kimmel Center							
10:00			**Astrophysics** Luciano Rezzolla, Albert-Einstein-Institute Room: Eisner-Lubin Room 401 in Kimmel Center	**Life Sciences** Erik Lindahl, Stockholm University Room: Global Center - Room 369	**HPC Software Engineering** Erik Lindahl, Stockholm University Room: Eisner-Lubin Room 401 in Kimmel Center	**Workflow tools** Scott Callaghan, University of Southern California Room: Global Center - Room 369		**Numerical libraries** Tony Drummond, Lawrence Berkeley National Laboratory Room: Eisner-Lubin Room 401 in Kimmel Center	
11:00		**BREAK** Room: Eisner-Lubin Room 401 in Kimmel Center	**BREAK** Room: Eisner-Lubin Room 401 in Kimmel Center	**BREAK** Room: Eisner-Lubin Room 401 in Kimmel Center	**BREAK** Room: Eisner-Lubin Room 401 in	**BREAK** Room: Eisner-Lubin Room 401 in Kimmel Center			
11:30		**Keynote** Ed Seidel, Skolkovo Institute of Science and Technology Room: Eisner-Lubin Room 401 in Kimmel Center	**Heterogeneous Computing** John Urbanic, Pittsburgh Supercomputing Center Room: Eisner-Lubin Room 401 in Kimmel Center	**Mentoring/Work Sessions**	**Mentoring/Work Sessions**	**Mentoring/Work Sessions**			
12:30		**LUNCH** Room: Eisner-Lubin Room 401 in Kimmel Center	**LUNCH** Room: Eisner-Lubin Room 401 in Kimmel Center	**LUNCH** Room: Eisner-Lubin Room 401 in Kimmel Center	**LUNCH** Room: Eisner-Lubin Room 401 in Kimmel Center	**LUNCH** Room: Eisner-Lubin Room 401 in Kimmel Center			
13:30		**Parallel CPU Programming - intro** Mark Bull, Edinburgh Parallel Computing Centre Room: Eisner-Lubin Room 401 in Kimmel Center	**Parallel CPU Programming - more advanced** Xavier Teruel, Barcelona Supercomputing Center Room: Global Center - Room 369	**CUDA** Gilles Civario, Ireland's High-Performance Computing Centre Room: Eisner-Lubin Room 401 in Kimmel Center	**Directive Based Programming** John Urbanic, Pittsburgh Supercomputing Center Room: Global Center - Room 369	**Performance Analysis & Optimisation** Phil Blood, Pittsburgh Supercomputing Center Christian Roessel, Juelich Supercomputing Center Room: Eisner-Lubin Room 401 in Kimmel Center	**Scientific Visualization** Amy Szczepanski, National Institute for Computational Sciences Room: Eisner-Lubin Room 401 in Kimmel Center	**Optional Afternoon Sessions** **Informal Discussion** Room: Eisner-Lubin Room 401 in Kimmel Center	
15:00		**Break** Room: Eisner-Lubin Room 401 in Kimmel Center	**Break** Room: Eisner-Lubin Room 401 in Kimmel Center	**Break** Room: Eisner-Lubin Room 401 in Kimmel Center	**Break** Room: Eisner-Lubin Room 401 in Kimmel Center	**Summer School ends at 3 PM**			
15:30	Registration and Reception - Courtyyard of Founder's Hall Dorm	**Parallel CPU Programming - intro (cont.)**	**Parallel CPU Programming - more advanced (cont.)**	**CUDA (cont.)**	**Directive Based Programming (cont.)**	**Performance Analysis & Optimisation (cont.)**	**Scientific Visualization (cont.)**		
16:30							**Session ends at 4:30** **Meet in Dorm lobby at 5 PM to load**		
17:00		**Free Time**		**Free Time**		**Free Time**			
17:30		**Dinner Buffet - Room: Eisner-Lubin Room 401 in Kimmel Center**		**Dinner Buffet - Room: Eisner-Lubin Room 401 in Kimmel Center**			**Sprirt Dinner Cruise - Chelsea Piers, Pier 61 23rd Street & West Side Highway New York, NY 10011 - depart dorm at 5:30 PM** Two motor coaches will load passengers on Third Avenue at the corner of 12th Street, as there is usually insufficient room to load in front of Founders Hall without restricting traffic flow.		
18:30-20:00		**Poster Sessions - half of the participants - Room: Eisner-Lubin Room 401 in Kimmel Center**		**Poster Sessions - second half of the participants - Room: Eisner-Lubin Room 401 in Kimmel Center**		**Meet in Dorm lobby at 6:30 PM to walk together to restaurant - Alison Eighteen Restaurant - 7 PM - 15 W 18th St New York, NY 10011 (212) 366-1818**			