AGENDA
ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE
Tuesday, August 23, 2011
Rockville Hilton – 1750 Rockville Pike, Rockville, MD

8:00 AM **9:00 AM**	**PUBLIC REGISTRATION**
8:30 AM **9:00 AM**	**SWEARING IN NEW ASCAC MEMBERS** *–session intended for ASCAC. The public do not need to attend* DOE Human Resources
9:00 AM **9:05 AM**	**OPENING REMARKS FROM THE COMMITTEE CHAIR** Roscoe Giles, ASCAC
9:05 AM **9:20 AM**	**VIEW FROM WASHINGTON** William Brinkman, Director of the Office of Science
9:50 AM **10:35 AM**	**VIEW FROM GERMANTOWN** Daniel Hitchcock, ASCR
10:35 AM **10:50 AM**	**BREAK**
10:50 AM **11:30 AM**	**EXASCALE CO-DESIGN CENTER FOR MATERIALS IN EXTREME ENVIRONMENTS (EXMATEX)** Timothy Germann, LANL
11:30 AM **11:45 AM**	**UPDATE ON CSGF SUBCOMMITTEE** ASCAC
11:45 AM **1:00 PM**	**COMMITTEE LUNCH**
1:00 PM **1:45 PM**	**EARLY CAREER - SUSTAINABLE SILICON - ENERGY-EFFICIENT VLSI INTERCONNECT FOR EXTREME-SCALE COMPUTING** Patrick Chiang, Oregon State University
1:45 PM **2:30 PM**	**EU DATA INITIATIVE** Mario Campolargo, European Commission
2:30 PM **3:00 PM**	**UPDATE ON DATA POLICY INPUT FROM SCIENCE ADVISORY COMMITTEES** Laura Biven, Office of Science
3:00 PM **3:15 PM**	**BREAK**
3:15 PM **4:15 PM**	**APPLIED & COMPUTATIONAL MATHEMATICS: CHALLENGES FOR THE DESIGN AND CONTROL OF DYNAMIC ENERGY SYSTEMS** Michael McQuade, Senior Vice President of United Technologies Corporation
4:15 PM **5:15 PM**	**DEVELOPMENTS IN HIGH PERFORMANCE COMPUTING IN CHINA** Dona Crawford, Lawrence Livermore National Laboratory
5:15 PM **5:30 PM**	**PUBLIC COMMENT**
5:30 PM	**ADJOURN FOR THE DAY**

AGENDA
ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE
Wednesday, August 24, 2011
Rockville Hilton – 1750 Rockville Pike, Rockville, MD

8:30 AM **9:15 AM**	**UPDATE ON EXASCALE RESEARCH** Bill Harrod, ASCR
9:15 AM **10:00 AM**	**FUNDAMENTAL PROBLEMS OF WIND ENERGY AND THE POTENTIAL TO ADDRESS THEM THROUGH HIGH-PERFORMANCE COMPUTING** Henry Kelly and Chris Hart, EERE
10:00 AM **10:15 AM**	**BREAK**
10:15 AM **11:00 AM**	**EARLY CAREER - SEPARATING ALGORITHM AND IMPLEMENTATION VIA PROGRAMMING MODEL INJECTION (SAIMI)** Michelle Strout, Colorado State University
11:00 AM **11:15 AM**	**UPDATE ON NETWORKING COV** ASCAC
11:15 AM **11:45 AM**	**UPDATE ON ASCR RECOVERY ACT PROJECTS** Vince Dattoria, ASCR
11:45 AM **12:15 PM**	**ASCR INVESTMENTS IN SMALL BUSINESS INNOVATIVE RESEARCH** Walt Polansky, ASCR
12:15 PM **12:30 PM**	**PUBLIC COMMENT**
12:30 PM	**ADJOURN MEETING**