Autonomous Space Systems and Supercomputing

Panel

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• Panelists

  – Richard Doyle, Leader, Center for Space Mission Information Systems and Software, NASA Jet Propulsion Laboratory (Chair)
  – James Crawford, Deputy Technical Area Lead, Autonomy and Robotics, NASA Ames Research Center
  – David Curkendall, High Performance and IT Applications Lead, NASA Jet Propulsion Laboratory
  – Alan Ganek, Vice President, Autonomic Computing, IBM Software Group
  – Brian Williams, Associate Professor, Aeronautics and Astronautics Dept., Massachusetts Institute of Technology
  – Paul Zetocha, Intelligent Satellite Systems Group Lead, Air Force Research Laboratory
• Theme: Cross Fertilization of Autonomy and Supercomputing
  – What are some of today’s most significant computational challenges? (A. Ganek)
  – What are NASA’s autonomy needs? (J. Crawford)
  – What are the Air Force’s autonomy needs? (P. Zetocha)
  – What are some of the computational challenges of autonomy? (B. Williams)
  – How is supercomputing beginning to support autonomy? (D. Curkendall)