




Timeline

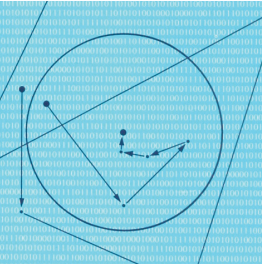
1983 - 2008



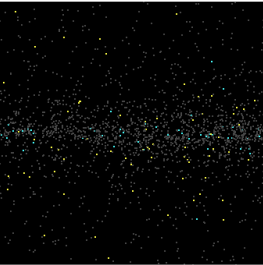
*RIACS is a division of the Universities Space Research Association,
Celebrating 40 years of service to the space science and technology community*



1983: RIACS founded as joint collaboration between USRA and the NASA Ames Research Center



1987: Sparse Distributed Memory published by MIT Press



1989: AutoClass becomes first AI software to make a published astronomical discovery

1993: RIACS helps coordinate the establishment of the Bay Area Gigabit Network (BAGNet). NASA Ames and Xerox PARC are first two testbed sites



1998/1999: Remote Agent becomes first AI software to control a spacecraft in deep space and is 1999 NASA Software of the Year co-winner



1999: Collaborative Virtual Environment for Medical and Scientific Imaging selected as runner-up, NASA Software of the Year



2005: Software Verification and Validation for first piloted test flight of Adaptive Neural Flight Controller (F-15)



2008: NX & PMT used operationally 24/7 across NASA



2008: OCAMS deployed for 24/7 International Space Station operations at Johnson Space Center

1983 1985 1987 1989 1991 1993 1995 1997 1999 2001 2003 2005 2007


1984: Working with Henry Lum, RIACS helps establish an Artificial Intelligence Plan for NASA Ames



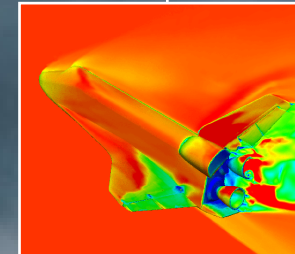
1984-1986: Technical Studies project recommendations for Advanced NAS program, especially Extended Operating Configuration (EOC), adopted by NAS Projects Office



1991: RIACS scientists were among co-authors of NAS Parallel Benchmark tests



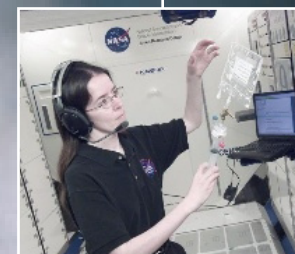
1995: Contractor Excellence Award for New Millenium Architecture Prototype (precursor to Remote Agent)



2002: CART3D named NASA Software of the Year Award co-winner



2003: EUROPA / MAPGEN becomes first AI software to plan the work of robots on another planet during the MER mission



2005: Clarissa / Regulus becomes first spoken dialogue system to be used in space



2008: EUROPA, co-invented by RIACS, used in Mars Phoenix Lander mission



Research Institute for Advanced Computer Science
A Division of the Universities Space Research Association
444 Castro Street, Suite 320
Mountain View, California 94040
ph: 650.966.5020
<http://www.riacs.edu>

