Royal Institute of Technology Researcher and Security Head of Europe's Enabling Grids for E-sciencE (EGEE) Initiative Joins MediaGrid.org

BOSTON, MA – December 08, 2006 – The Grid Institute is pleased to announce that Dr. Aake Edlund, a grid security expert with the Royal Institute of Technology, has joined MediaGrid.org as an Invited Expert to participate in the development of international standards for storing, delivering, and processing digital media in grid computing environments. As the Security Head of Europe's Enabling Grids for E-sciencE (EGEE) initiative, and a researcher at Sweden's Royal Institute of Technology, Dr. Edlund will contribute his expertise in grid security to the Media Grid through the following MediaGrid.org technology working groups:

- Security Technology Group (STG)
- Grid Gateway Technology Group (GGTG)
- Quality of Service Technology Group (QOSTG)

"We welcome Dr. Edlund as a member of MediaGrid.org and look forward to working closely with him on Media Grid security standards," said Aaron E. Walsh, Director of the Grid Institute's MediaGrid.org standards organization. "Edlund's extensive experience with grid security and digital media, especially digital video and interactive 3D, uniquely qualifies him for an Invited Expert appointment with the Media Grid," continued Walsh.

In response to the appointment Dr. Edlund stated, "I'm honored to receive an Invited Expert membership with MediaGrid.org and to contribute my experience with security, which is an important and non-trivial concern in grid environments. In addition I'm looking forward to participating in the development of grid-based quality of service (QoS) standards, and approaching the technical challenges ahead. The timing of the Media Grid is perfect."

About Royal Institute of Technology and EGEE

Founded in 1827, the Royal Institute of Technology (Kungliga Tekniska Högskolan; KTH) is one of Europe's top universities for science and engineering education and research. With an enrollment of over 17,000 students, of which approximately 1,400 are pursuing PhD studies, the Royal Institute of Technology is responsible for one-third of Sweden's capacity for engineering studies and technical research at the post-secondary level. The Royal Institute of Technology is home to a dozen competitively awarded national centers of excellence with several additional multi-disciplinary centers of excellence. For details see http://www.kth.se.

The Enabling Grids for E-sciencE (EGEE) project brings together scientists and engineers from more than 90 institutions in 32 countries to provide a seamless grid infrastructure for e-Science that is available to scientists 24 hours a day. Funded by the European Commission, the EGEE grid consists of over 20,000 CPUs and approximately 5 Petabytes (5 million Gigabytes) of storage available to users 24 hours a day, 7 days a week. EGEE maintains an average of 20,000 concurrent computing jobs. For details see http://www.eu-egee.org.

About the Media Grid

The Media Grid is a public utility for digital media. Based on new and emerging distributed computational grid technologies, the Media Grid builds upon existing Internet and Web standards to create a unique network optimized for digital media delivery, storage, and processing. As an on-demand public computing utility, a range of software programs and Web sites can use the Media Grid for delivery and storage of rich media content, media processing, and computing power. The Media Grid is an open and extensible platform that enables a wide range of applications not possible with the traditional Internet alone, including: Massive Media on Demand (MMoD); Interactive digital cinema on demand; Immersive education and distance learning; Truly immersive multiplayer games and Virtual Reality (VR); Hollywood movie and film rendering, special effects, and composition; Real-time rendering of high resolution graphics; Real-time visualization of complex weather patterns; Real-time protein modeling and drug design; Telepresence, telemedicine, and telesurgery; Vehicle and aircraft design and simulation; Visualization of scientific and medical data.

The Grid Institute leads the design and development of the global Media Grid through the MediaGrid.org open standards organization in collaboration with industry, academia, and governments from around the world.