INNOVATION & TECHNOLOGY

Understanding the Brain through Informatics:
INCF @ Karolinska

Friday, March 7, 2008

1:00 pm  Welcome to House of Sweden
Ms Caroline Vicini, Deputy Chief of Mission, Embassy of Sweden

1:05 pm  The International Neuroinformatics Coordinating Facility (INCF)
Professor Sten Grillner, Dept. of Neuroscience, Karolinska Institutet, and Chairman, INCF
Governing Board

1:15 pm  Panel: An Introduction to Neuroinformatics and the Future
Opening Comments and Panel Introductions:
Professor Sten Grillner, Dept. of Neuroscience, Karolinska Institutet
Dr. Kathie L. Olsen, Deputy Director, U.S. National Science Foundation (NSF)

1:25 pm  Why INCF? – Aiming at Alzheimer’s
Professor Gordon Shepherd, Dept. of Neuroscience, Yale University

1:45pm  Neuroinformatics of Gene Expression: Collaborative Web Classes and Labs
Professor Robert W. Williams, Department of Anatomy and Neurobiology,
University of Tennessee

2:05 pm  Multi-scale Neuroanatomical Perspective
Professor Maryann Martone, Department of Neurosciences, University of California, San Diego

2:25 pm  Large Scale Modeling - Cortical Networks
Professor Anders Lansner, Department of Computational Biology, Royal Institute of Technology, Sweden

2:45 pm  Coffee Break

3:15 pm  Presentation: Flying Through the Brain! – A Neuroinformatics Film

3:30 pm  Panel Discussion: Innovation, Technology, and the Possibilities of Neuroinformatics
Introduction: Dr. Alan I. Leshner, CEO, American Association for the Advancement of Science
Panel:
Dr. Jan Bjaalie, Executive Director, INCF
Dr. James P. Collins, Assistant Director for Biological Sciences, NSF
Dr. Story C. Landis, Director, National Institute of Neurological Disorders and Stroke (NIH/NINDS)
Dr. Alan Cross, Vice President of Discovery, AstraZeneca

4:10 pm  Questions and Discussion (with all 8 speakers)
Moderator: Dr. Alan I. Leshner, CEO, AAAS

4:45 pm  Closing Remarks
Professor Sten Grillner, Dept. of Neuroscience, Karolinska Institutet
Dr. Jan Bjaalie, Executive Director, INCF

5:00 pm  Reception at House of Sweden

This Seminar is organized in collaboration with the International Neuroinformatics Coordinating Facility and the U.S. National Science Foundation