February 25 **Interdisciplinary Initiatives** Symposium

Poster Session at 4:00pm **Nexus Café James H. Clark Center**





2:30pm **Biophysical Control of Adult Stem Cell Fate** 2:50pm

Neuropilins in Hedgehog Signal Transduction Matthew Scott (Developmental Biology) Jennifer Cochran (Bioengineering)

James H. Clark Center Auditorium

201

1:00pm Introduction

1:10pm **Generation of Neurons from Fibroblasts with Direct Gene** Delivery Marius Wernig (Pathology) Tobias Meyer (Chemical & Systems Biology)

Founding the Bio-X.Game Center for Education and Large **Scale Science** Ingmar Riedel-Kruse (Bioengineering) Daniel Schwartz (School of Education)

1:50pm

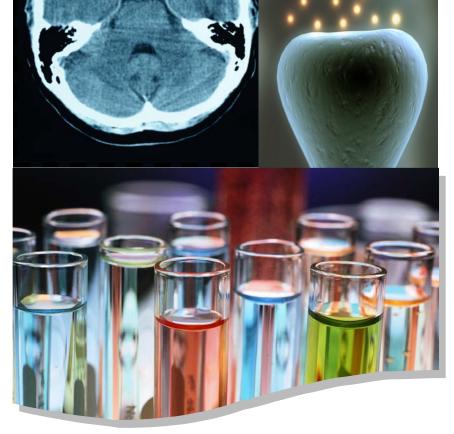
Tele-Robotic System for Real-Time Soft-Tissue Image Guidance of Stereotactic Body Radiation Therapy Dimitre Hristov (Radiation Oncology) J. Kenneth Salisbury (Computer Science) Daniel Chang (Radiation Oncology)

2:10pm **Rationally Engineered Sensors of Millisecond Neuronal Activity** Michael Lin (Pediatrics) Mark Schnitzer (Applied Physics)

1:30pm

Rhiju Das (Biochemistry)

Jill Helms (Surgery-Plastic and Reconstructive) Sarah Heilshorn (Materials Science and Engineering) John Brunski (Surgery-Plastic and Reconstructive)



3:10pm

Molecular and Electromechanical Methods for Rejuvenation Juan Santiago (Mechanical Engineering) Robert Sapolsky (Biology / Neurology & Neurological Sciences) Helen Blau (Chemical and Systems Biology)

3:30pm

Precise Design of Synthetic Multicellular Communities using **Optical Control** Kerwyn Casey Huang (Bioengineering) Devaki Bhaya (Plant Biology)

3:50pm Closing comments 4:00pm Reception and poster session (Nexus Cafe)

http://biox.stanford.edu/grant/iip_program.html

