9:00 am  CONTINENTAL BREAKFAST

9:20 am  Rodney Brooks  -  Road map

9:40 am  Laurent Itti
  Saliency-based Visual Attention and Image Compression

10:00 am  Edgar Osuna
  Support Vector Machines and Face Detection

10:20 am  Pawan Sinha
  Qualitative Image-based Representations for Object Recognition

10:40 am  COFFEE BREAK

11:10 am  Pamela Lipson
  Configuration-based Scene Classification and Image Indexing

11:30 am  Aparna Lakshmi Ratan
  Training Templates for Image Classification Using Several Examples

11:50 am  Michael Oren
  Detecting People

12:15 pm  LUNCH

2:00 pm  Michael Jones
  Morphable Models: A Framework for Representing and Matching Object Classes

2:20 pm  Edward Adelson
  Local and Global Image Structure

2:40 pm  Brian Scassellati
  Visuo-motor Coordination for Humanoid Robot

3:00 pm  Cynthia Ferrell
  Orientation Behaviour to Visual Stimuli Using Registered Topographic Maps

3:20 pm  COFFEE BREAK

3:50 pm  Gary Hall
  Pixel Parallel Image Processing System

4:10 pm  Woodward Yang
  Reconfigurable Image Correlator Co-processor Chip

4:30 pm  Aaron Lipman
  Top-K Learning Co-processor Chip
8:30 am DEMOS AT AI LAB:  NE43- 8th Floor Playroom

Demos:

- Mars Rover Demo  Liana Lorigo, James McLurkin and Chandana Paul
- Sound and Vision Localization  Robert Irie
- Learning to Reach  Brian Scassellati
- Two-view Mutual Information Registration  Michael Leventon
- Fast Mutual Information-based Tracking Using Graphics Hardware  Sandy Wells
- Segmentation in SAR Imagery  Polina Golland and Paul Viola
- Example-driven Image Database Querying  Jeremy De Bonet
- Training Templates for Classification Using Several Examples  Aparna Lakshmi Ratan
- Image Classification and Indexing Using Flexible Templates  Pamela Lipson

Optional Demo:

- The Intelligent Room---Video  Rodney Brooks
- Real-time Face Verification  Raquel Romano and Michael Jones

11:00 am DEMOS AT CBCL:  E25-201

Demos:

- Real-time Face Detection and Face Tracking  Edgar Osuna and Vinay Kumar
- An Image-based Web Crawler that Looks for Faces  Michael Oren
- People Detection in Real Images  Constantine Papageorgiou and Michael Oren
- Saliency-based Visual Attention and Image Compression  Laurent Itti

Optional Demos:

- A Flexible Model for Faces  Michael Jones
- Image-based Rendering and Virtual Views Generation Using Algebraic Techniques  Theodoros Evgeniou
- Analysis and Synthesis of Facial Images Using Image-based Models  Tony Ezzat
- Generation of Virtual Faces  Constantine Papageorgiou
- Psychophysical Demonstrations  Pawan Sinha

12:30 pm LUNCH  E25-206