

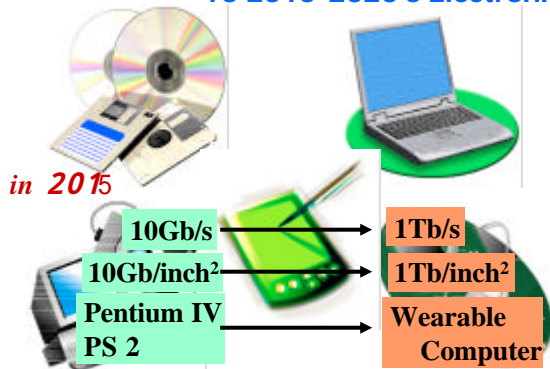
Electronics and Photonics Program



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From 1980-1990's Electronics To 2010-2020's Electronics



Mid-Range Targets

Integration of Electronics & Photonics

Design of System-on-Chips



Broadband Communication

Consumer Networks

Design & Integration of Technologies

INTERIGENCE
Design Concepts
Software for Designing

The entire packages will be a next product

ADVANCED TECHNOLOGIES
Component Technology
Production Technology

ELECTRONICS SCIENCE

- System LSI Design
- Computer Architecture Design

- Science of Mesoscopic Materials
- Plasma Micro-Processing Design
- Nonequilibrium Plasma Electronics

PHOTONICS

- Opto-Electronics
- Optical Network Systems
- Optical Functional Materials

INFORMATION SYSTEM

- Wireless Communications
- Multi-dimensional Digital Processing and Pattern Recognition
- Advanced Course on Computer Graphics
- Computer Vision
- Information Optics and Optical Measurements

