

Solid State Lab

WELCOME

Welcome to Silicon Valley-East...
or rather, Gallium Arsenide Gulch!!!
since the facility we are dedicating
today is designed to move far beyond
the silicon chip...into entirely new
areas of technology!

Today we are gathered together to
take an important step into the future...
A step in which we dedicate an exciting
new laboratory that will push to the very
frontier of microelectronics itself...and
beyond into an exciting new field
known as optoelectronics in which
light rather than electrons is used
to transport information...a technology
which many believe will be the
microelectronics of the 1990s and beyond.

INTRODUCTIONS

A number of distinguished guests have joined
us today to participate in this occasion.
First, although he will speak a bit later in the
program, let me introduce the Honorable
James Blanchard, Governor of the State of
Michigan.

I should note that this is Governor Blanchard's first
visit to **his** building...the Electrical Engineering
and Computer Science Building...since a
tornado prevented him from dedicating the
building when it was opened a year ago.
As you will see later, this spectacular building
is only one of many signs on this campus
of the commitment shown by Governor
Blanchard to make strong investments in
higher education

Also in attendance today are:
Senator Lana Pollock,
Congressman Carl Pursell
Both friends of the University of Michigan
who have been particularly strong and
effective spokespersons for the interests
of the State of Michigan.

Jerry Jernigan
Mayor of the City of Ann Arbor

This morning's ceremony is important for many
reasons, but perhaps foremost among them is
the degree to which it symbolizes the
extraordinary progress that our State has made
in recent years under the strong leadership
of Governor Blanchard and other leaders of
state government.

THE AGE OF KNOWLEDGE

The view from Michigan..."the Rust Belt"...

While people generally look at the midwest

as the "Rust Belt", as a relic
of America's industrial past, let me suggest that
events such as today prove that we are instead
leading the way toward America's future...
For it is in the industrial midwest...in Michigan...
that we are learning how to adapt to
a brave, new world of intense international
competition...
In Michigan, we have learned how to deal with the
challenge of dramatic economic change...

The Challenge of Change

We have recognized that our
Traditional industry economy is shifting to a new
knowledge-based economy
We have sensed transition in which..
Intellectual capital will replace
financial and physical capital
as key to economic development
We have responded to the challenge
of developing an agenda to achieve
sustain prosperity in a new environment of intense
international competition and rapid technological change.
We have developed an agenda for a new age...
An Age of Knowledge in a Global Economy...
And in this age, the major force behind economic
change is knowledge, itself.
and maintaining our competitive edge requires attention
to our traditional strength -- people and ideas -- and
a strong offensive strategy based on these resources.

The State of Michigan Response

The Michigan Strategy
Benefited from public leaders such as Governor Blanchard
who recognized the challenge before us...
had the vision to develop a forward-looking strategy to respond...
and the courage and skills to implement this strategy...
The goal: Michigan must become America's factory of the future...
its source of emerging industrial technology...
To position Michigan, they moved along three fronts:
1. To enhance the growth of R&D in Michigan
2. To accelerate the transfer of technology into Michigan industry
3. To develop a strong coalition within Michigan among government,
industry, labor, and universities to create a "venture culture"
In this effort, they recognized the important of
Michigan's research universities as the key
sources of the knowledge essential for
economic growth.
Development of Unique State-University Partnership
Governor Blanchard and his administration committed itself to:
Establishing higher education in general and the state's
research universities as a high priority
Providing seed resources to sustain key thrust areas
E.g., the Research Excellence Fund...
\$25 into building key research areas within research universities
Developing novel institutions to act as catalysts in these activities
E.g.,

Industrial Technology Institute

(note dedication later this morning)

In return, the universities committed themselves to:

Strategically realigning activities into key thrust areas
of major importance to State...

Attracting leading scientists, engineers, and professionals
to staff these programs...

Developing new mechanisms for technology transfer...

INTRODUCTION OF GOVERNOR

The renewed investment in higher education of recent years
has taken extraordinary vision, courage, and determination
on the part of Governor Blanchard, his administration,
and the Michigan State Legislature, particularly during a period
with many other competing demands and pressures.

It is my pleasure to introduce the Governor:

Already clear evidence of payoff...

1. Semiconductor Research Corporation Center
2. DOD URI Center of Excellence
3. NCMS
4. NASA Center for Space Commercialization
5. EXPRES
6. and other victories for Michigan...to be announced soon...

Michigan is on the move!

Michigan is on the move!

Under the strong leadership of Governor Blanchard and his team,
Michigan has taken strong steps to provide its business and
industry with the knowledge-based resources so essential
to our long term well-being and prosperity.

It has taken actions to provide the people and the ideas...
the outstanding graduates, scientists, and engineers;
doctors, lawyers, teachers, and other professionals;
the leading edge research and service activities.

The state has assembled its tremendous assets and its people
into a winning team involving state government, Michigan's
colleges and universities, business, labor, and industry.

Governor Blanchard, we thank you for participating in
this important event...and but even more significantly,
we join with the citizens of the state of Michigan in
thanking for your leadership of our state...which has made
Michigan a model for the nation as we face together
the advent of an exciting new competitive age,
the age of knowledge in a global economy.
and students--we thank you for all of your efforts...