

ILLINOIS MATHEMATICS AND SCIENCE ACADEMY
A Pioneering Educational Community

SEVENTH IMSA CONVOCATION

Monday, August 31, 1992
Fermi National Accelerator Laboratory
7:30 o'clock

- I. OPENING SELECTIONS
- II. PROCESSIONAL
- III. EXECUTIVE DIRECTOR'S WELCOME

Good Evening and Welcome.

On behalf of the Board of Trustees and all of our staff, I want to welcome you to the official beginning of the 1992-93 school year.

I also want to welcome our juniors and seniors--it's great to see you again. And to extend a very special greeting to our 200 new students, the Class of 1995. We're delighted to have you join the IMSA family and your new home.

It's hard to believe, but this is the seventh time the Academy community has assembled for a convocation at Fermilab, and it is always a special time. A convocation represents a coming together--a formal calling of a community, and a time for renewal and celebration.

We begin our academic year in this way to reaffirm our commitment to IMSA's mission, to demonstrate our commitment to scholarship, and to celebrate the connections and bonds that we share: the love of learning, the excitement of discovery, and our genuine fondness and caring for one another.

And we do this within the context of our gratitude to the shareholders of Illinois who continue to support this institution, and those of us, who are privileged to be a part of it.

IV. STUDENT COUNCIL PRESIDENT

It is now a pleasure to introduce **Matthew Pritchard**, Student Council President. Matt is a Senior from Hinckley, Illinois.

Thank you, Matthew for your thoughtful comments. I look forward to your leadership this year.

V. MUSICAL SELECTION

Introduce 1st Class Brass - Dr. George
Blogg

“Just a Closer Walk”

VI. INTRODUCE DR. JOHN PEOPLES

As you know, the Academy has had strong ties to Fermilab since 1982, beginning with the guidance of Dr. Leon Lederman, who is now Vice President of IMSA's Board of Trustees. Dr. John Peoples is the Director of Fermilab, and an international leader in the study of high energy physics. We are honored that he is with us this evening as our Convocation speaker.

Dr. Peoples received his bachelor's degree in electrical engineering from the Carnegie Institute of Technology and his M.A. and Ph.D. in physics from Columbia University.

After receiving his Ph.D. in 1966, Dr. Peoples served in several teaching capacities, including assistant professor of physics at Columbia University and associate professor of physics at Cornell University. In 1973, he accepted a permanent appointment at Fermilab.

During his first six months at Fermilab, Dr. Peoples designed the broad band photon beam, which was subsequently used in experiments in high energy photon nucleus collisions.

During his tenure at Fermi, Dr. Peoples held a number of both research and management positions, including Head of the Proton Laboratory, Head of the Research Division, Project Manager of the Antiproton Source, and Deputy Head of the Accelerator Division.

In 1987, he took a leave of absence to serve as Head of the Magnet Division of the Superconducting Super Collider Central Design Group at the Lawrence Berkeley Laboratory, and was responsible for the design, fabrication, and testing of the superconducting magnets for the SSC, and is given credit for turning the magnets' R&D program around.

In April 1989, he became Director of Fermilab.

In addition to many professional ~~committee~~ memberships, Dr. Peoples has served as chairman of the Division of Particles and Fields of the American Physical Society.

Dr. Peoples also has authored or co-authored more than 50 publications and 20 case reports.

We are honored and privileged to have Dr. Peoples with us.

Would you please join me in welcoming a special friend of IMSA.

... KEYNOTE ADDRESS ...

Thank you, John.

Dr. Peoples has presented us with provocative insights about science and being a scientist, the challenges for understanding you face, and the opportunities you have for future discovery.

Scientific Discovery represents the triumph of the human spirit and man's unquenchable desire to understand the elusive secrets of nature. In presenting these challenges, however, he also presented you with a responsibility. . . .

- To Question
- To Explore
- To Imagine
- To Dream
- To Use Your Knowledge and Talent to Serve Others, and
- To Become the Best that You Can Be...

This commitment to growth and self-actualization is symbolized by IMSA's newest sculpture located in the front of our campus across from YAR. Created, designed, and built by Bruce White, a well-known Illinois and national artist, this sculpture expresses Mr. White's beliefs about and understanding of IMSA's mission and promise.

It stands thirty feet tall and is constructed of steel, bronze, and granite, and is intended to depict our commitment to growth and development, and recreation toward extraordinary purpose. When you look at the sculpture, I believe you will see how the artist captured his sense of IMSA's process of *Continual* recreation .

The sculpture is entitled ENTELECHY, (en-tel-echy), which means a directing force within. A vital force urging an organism toward self-fulfillment.. Entelechy is a symbol of IMSA's ~~commitment and hope.~~ *Search*
~~for~~ *hope & pioneering spirit & commitment to*
generative learning
 And part of that commitment and self-fulfillment comes from service to others.

Albert Einstein said, "I do not know what you will do in the future, but the only ones among you who will really be happy are those of you who have sought and found how to serve."

As students, I ask that you explore ways to make IMSA a better *place to learn & grow* and that you seek ways to help students outside of IMSA who are not as fortunate as we are.

The people of Illinois gave us a blessing and it is our obligation to share and extend it.

On behalf of the Board of Trustees and our faculty and staff, Godspeed, I wish you a wonderful year!