

SPIE – The Next 25 Years

Help from Famous People

- **Niels Bohr**
 - Prediction is very difficult, especially about the future.
- **Yogi Berra**
 - The future ain't what it used to be.

Help from Famous People - II

- **Winston Churchill**
 - I always avoid prophesying beforehand because it is much better to prophesy after the event has already taken place.

How Good are People at Predicting the Future

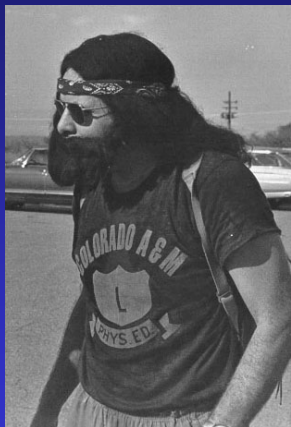
- **Isaac Newton**
 - The late invention of telescopes has so exercised most of the geometres, that they seem to have left nothing unattempted in optics, no room for further improvement.
- **Charles Duell (U.S. patent commissioner, 1899)**
 - Everything that can be invented has been invented.

Optics and Photonics for the 21st Century

The century of the photon has just begun.

- Information, Communication and Imaging
- Lighting and Displays
- Manufacturing
- Safety and Security
- Life Sciences and Health Care

Jack Gaskill



30 Years Ago



25 Years Ago



Today

SPIE 2030

	2004	2030
# Conferences	372	1,200
Total Attendance	41,138	120,000
Short Courses	300	1,000
Membership	16,552	50,000
Papers Published	18,127	60,000

Safe Predictions for 2030

- **There will be many new marvels that we have no concept of today.**
- **SPIE will continue doing what it has done so well in the past, help bridge the gap between and among disciplines and help both experts in optics and people new to the field better understand what the 'state of the art' is in optics and related fields.**

Final Quotes

- **Wayne Gretzky**
 - I skate to where the puck is going to be, not where it has been.
- **Alan Kay**
 - The best way to predict the future is to invent it.

SPIE members and staff will continue to do just that.