

getting someone else's COLD can be very expensive

When you purchase an LTS-21 closed cycle refrigerator system, you get:

- Fast cool down (300K to 10K in about half an hour)
 - Smaller size
 - State-of-the-art instrumentation
 - System flexibility
 - Capability to operate two cold heads simultaneously from one compressor
 - Long maintenance interval
- LTS-21 closed cycle refrigerator systems combine state-of-the-art refrigerator technology and instrumentation in packages designed with the flexibility required to perform many different tasks with a minimum of set-up time.



Standard systems and accessories are available for:

- Spectroscopy
- Matrix isolation
- Hall effect
- X-Ray and neutron diffraction

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we hear that

presented the Duddell Medal and Prize "for his development of the multipass Fabry-Perot interferometer and its application to Brillouin scattering spectroscopy."

The C. V. Boys Medal and Prize was won by Derek C. Robinson of the Culham Laboratory "for his contributions to the study of the magnetic properties of pinched discharges."

Sister Maureen Hurst, a field officer for the Schools Council of England, has been awarded the Bragg Medal and Prize "for her distinguished record as a school-teacher and for her contributions to curriculum development."

Tullio Regge receives Albert Einstein Award

The Albert Einstein Award was presented to Tullio Regge of the Institute for Advanced Study, Princeton, New Jersey, and the University of Turin, Italy. The prize, established by the Lewis and Rosa Strauss Memorial Fund, is awarded irregularly and consists of a cash prize of \$15 000 and a gold medal bearing the likeness of Einstein.

Regge received his doctorate from the University of Turin and a PhD from the University of Rochester. In 1962 he was named professor at Turin and in 1965 he joined the faculty of the School of Natural Sciences at the Institute for Advanced Study. Regge was cited for his work in particle scattering processes, stability of collapsed objects in general relativity and symmetries in field and particle dynamics.

Maurer and Kao win Ericsson Prize

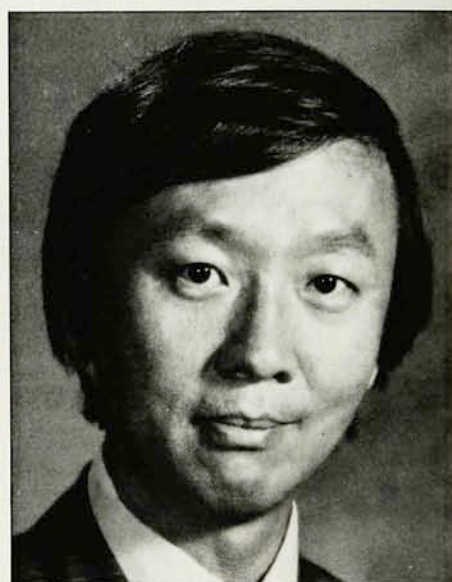
The 1979 Ericsson International Prize was presented this month to Robert D. Maurer, a research fellow at Corning Glass Works and Charles K. Kao of the International Telephone and Telegraph Company for their work in long-distance optical fiber transmission.

The prize consists of 100 000 Swedish Kroner (about \$25 000), which will be shared by Maurer and Kao, and gold medals. Sponsored by the L. M. Ericsson Telephone Company of Sweden, the award honors the memory of the company's founder, Lars Magnus Ericsson, and is presented every three years. The prize was established to encourage and advance research and development in telecommunications engineering.

Maurer was cited for research which led to the development of practical, workable methods of producing high purity glass waveguides for telecommunications. He holds a PhD degree in physics from MIT (1951). He joined Corning in 1952 and in



MAURER



KAO

1963 was named manager of applied physics research. Last year he was named a research fellow.

Kao, a native of Shanghai, holds a PhD from the University of London. He has been a professor of electronics at the Chinese University of Hong Kong and has been with IT&T's electro-optical products division since 1974, where he is now a vice president and chief scientist. Kao was cited for early recognition of the feasibility of using glass fibers as a telecommunications medium.

American Institute of Chemists honors Calvin

Melvin Calvin, director of the Lawrence Berkeley Laboratory's chemical biodynamics division and University Professor of chemistry at the University of California, Berkeley, received the 1979 Gold Medal of the American Institute of Chemists earlier this month. The Gold Medal, regarded as the AIC's highest honor, "is bestowed annually to a person