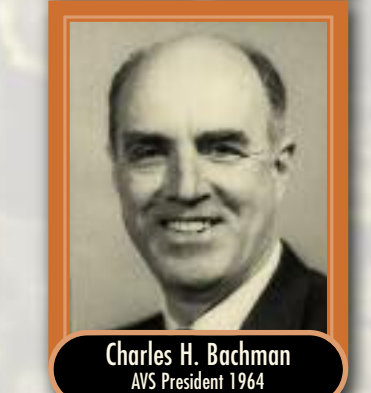
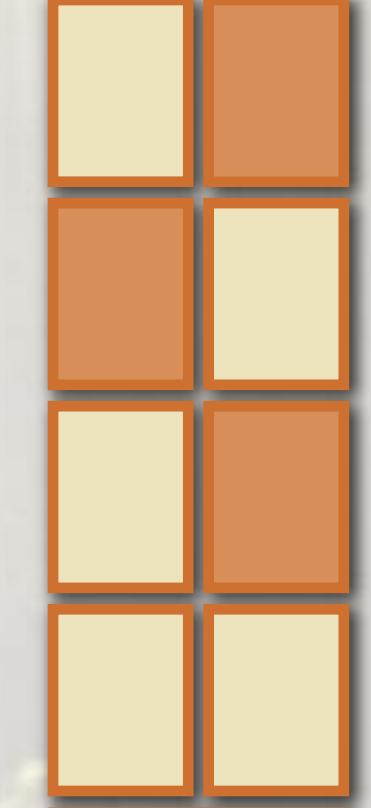
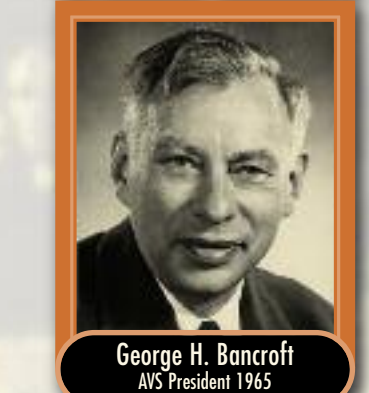


## 1964



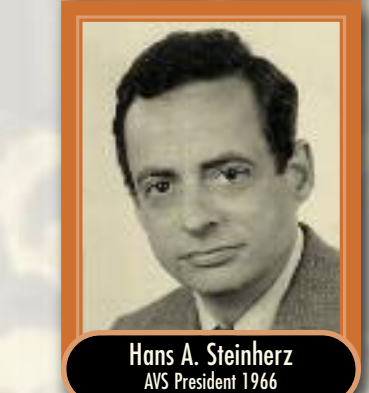
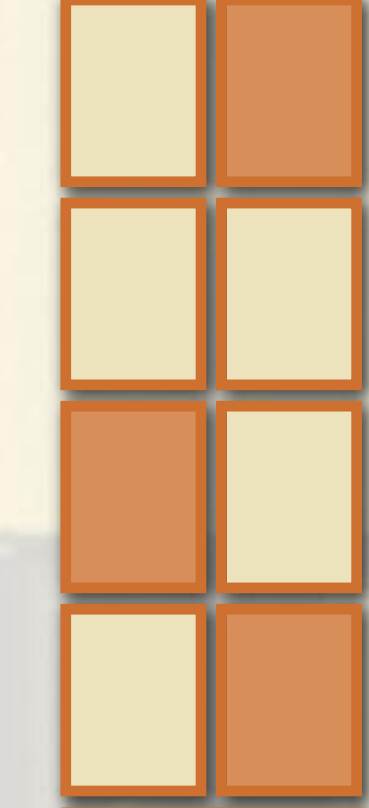
Standards Committee Chair 1963-1964, Divisions and Sections Committee Chair 1962-1965.

## 1965



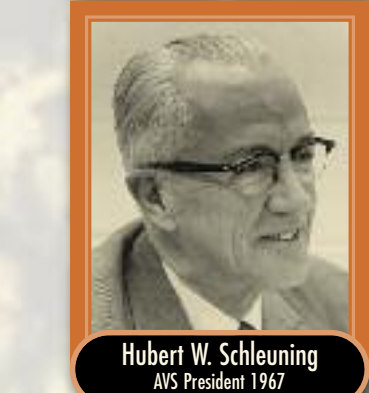
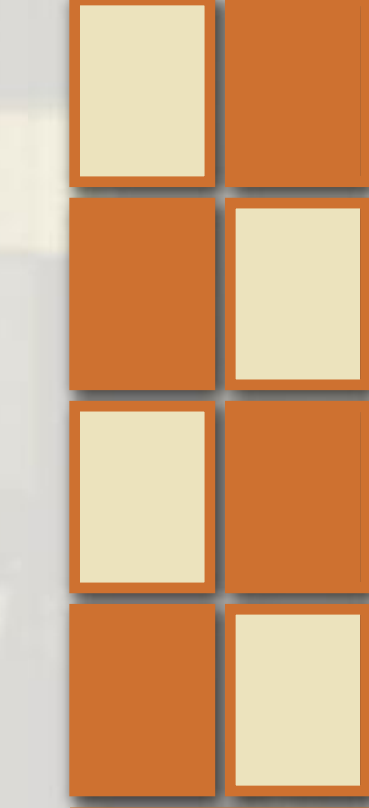
Forty Year Member, Director 1963-1965, Symposium Program Chair 1962-1964, Vacuum Technology Division Chair 1971.

## 1966



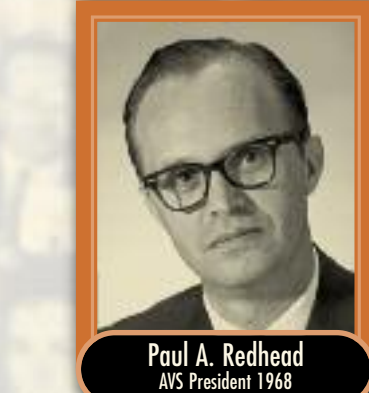
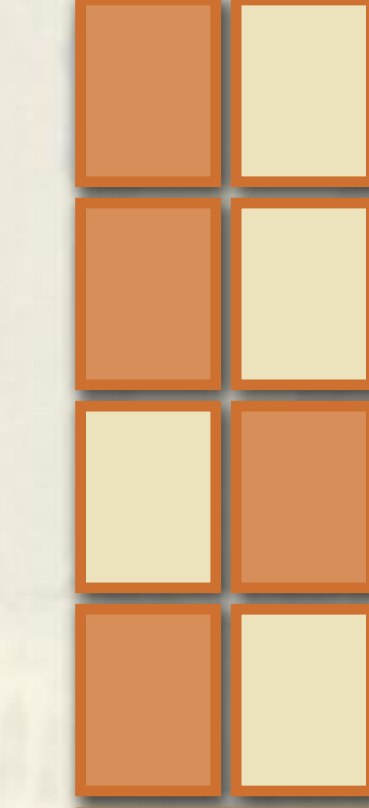
Director 1962-1964, Standards Committee Chair 1964-1965.

## 1967



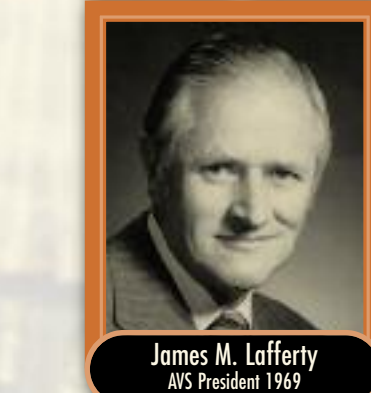
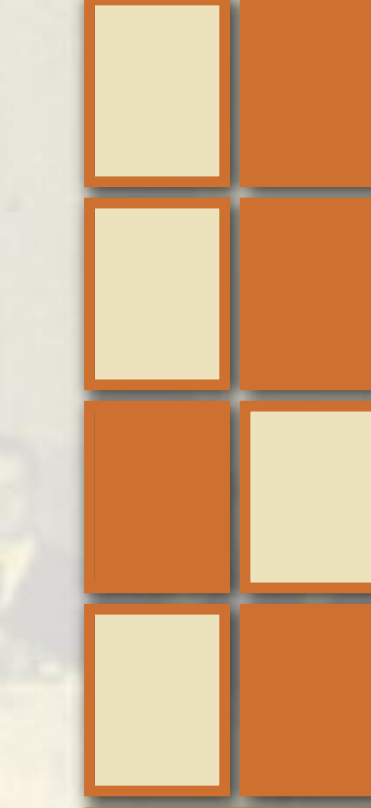
Founding Member, Forty Year Member, Director 1963-1965. He served as the teller in the AVS elections for many years.

## 1968



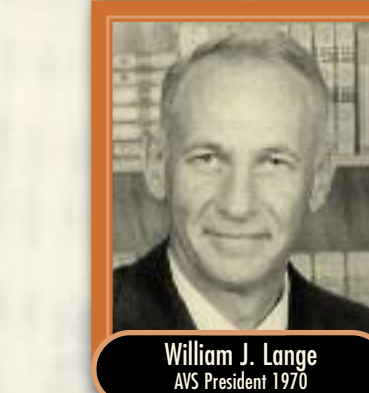
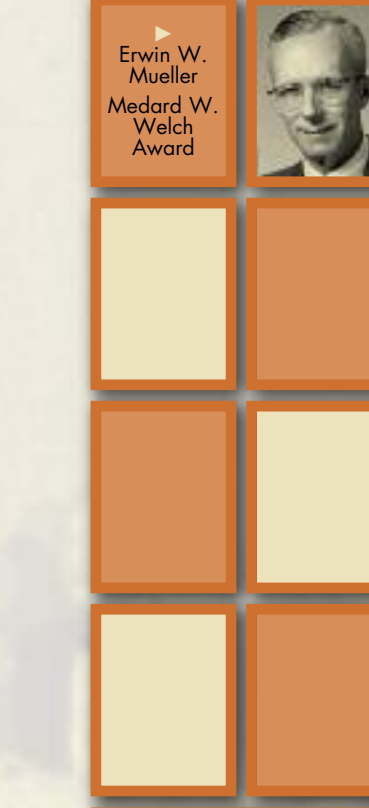
Forty Year Member, Honorary Member 1970, Fellow 1993, Medard W. Welch Award 1975, JVST Editor 1970-1974.

## 1969



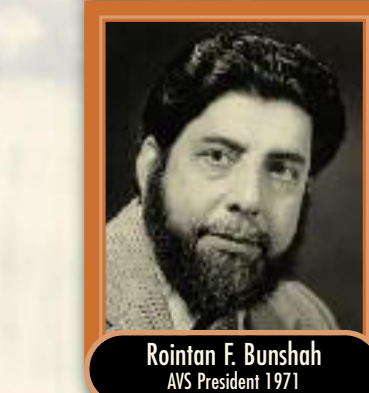
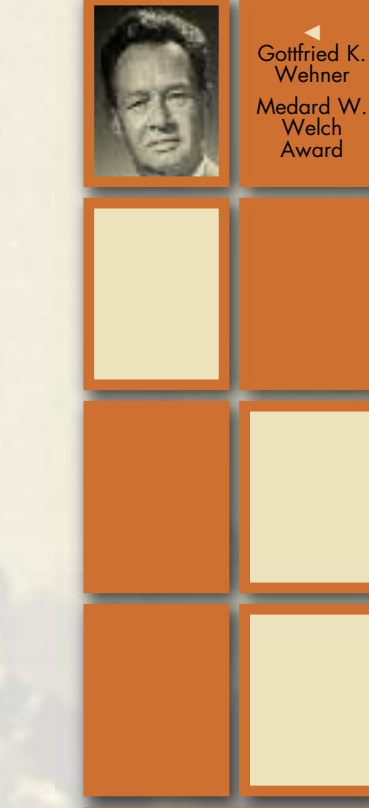
Forty Year Member, BoD 1963-1965, Secretary 1965-1967, Trustee 1975-1977, Honorary Member 1978, President of IUVSTA, 1980-1983. Key figure in the establishment of the Welch Award (with Preuss), and the Goede-Langmuir Award, Founder of the Vacuum Technology Division (with Denton).

## 1970



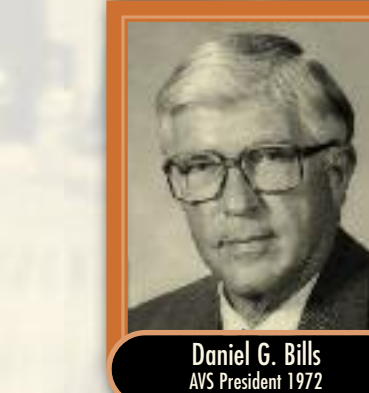
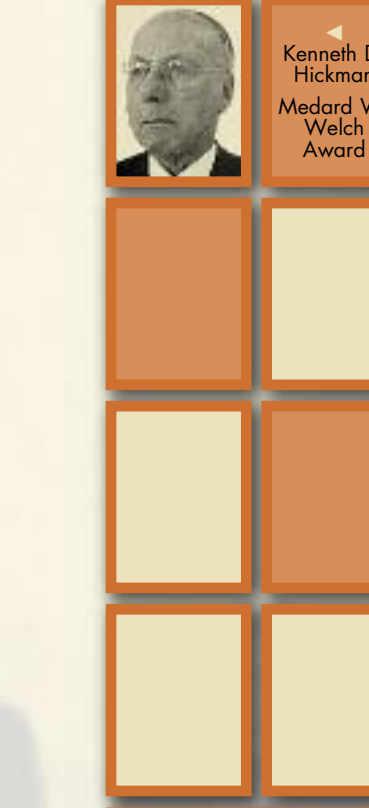
Forty Year Member, Honorary Member 1975, Fellow 1995, Director 1963-1964, Publications Chair 1965-66, Symposium Program Chair 1968, Fusion Technology Division Chair 1983.

## 1971



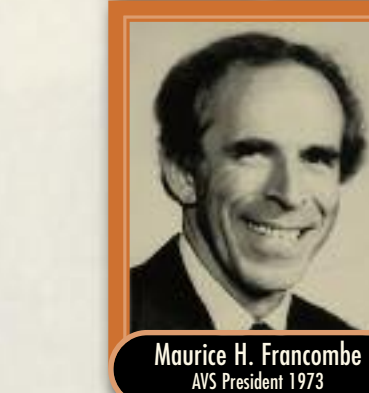
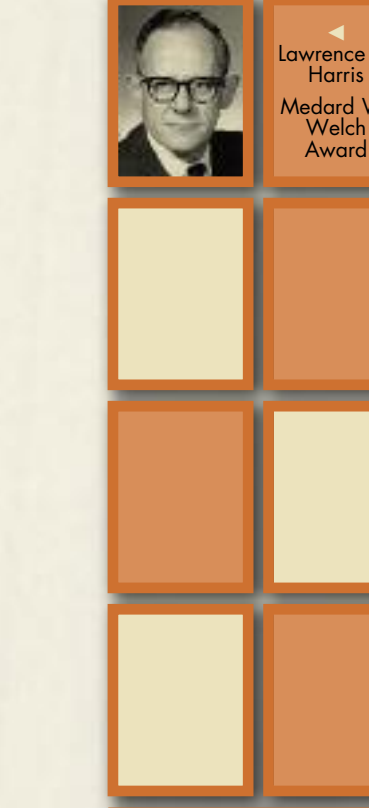
Honorary Member 1975, Fellow 1994, Director 1967-1969, Goede-Langmuir Award 1986, Founder of the Vacuum Metallurgy Division 1961, Vacuum Metallurgy Division Chair 1961-1963.

## 1972



Honorary Member 1983, Treasurer 1967-1970, Director 1965-1970. Instituted the rational basis of sound financial planning and cost allocation of the Society funds.

## 1973



Honorary Member 1981, Fellow 1994, John A. Thornton Award 1990, Thin Film Division Chair 1967.

▼ AVS 11th Annual Symposium Chicago, Illinois, September 1964. Back Row (l to r) James M. Lafferty, Robert G. Picard, Donald J. Santeler, Charles L. Gould, Daniel Alpert, William J. Lange, Paul J. Bryant. Front Row (l to r) Wilfrid G. Matheson, Hans A. Steinhilber, George H. Bancroft, Unidentified, Charles H. Bachman, Medard W. Welch. The minutes of July 1964 show that Bill Lange moved that the dress for the head table at the banquet should be a business suit. The motion was defeated!

▲ Daniel Alpert the first Editor of the *Journal of Vacuum Science and Technology (JVST)* 1964-1966, Honorary Member 1967, Forty Year Member, Goede-Langmuir Award 1980, Fellow 1994. Alpert was one of the inventors of the Bayard-Alpert ionization gauge.



▲ AVS 12th Annual Symposium New York City, September 1965. Back Row (l to r) William J. Lange, Daniel Alpert, Edward E. Donaldson, Daniel G. Bills, Jhan M. Kahn, Wilfrid G. Matheson, Charles H. Bachman, Unidentified, James M. Lafferty, Robert L. Jepsen, Paul J. Bryant. Front Row (l to r) Hubert W. Schlemming, Hans A. Steinhilber, George H. Bancroft, Harold Edgerton, Medard W. Welch.

◀ In 1965 the AIP took over exhibit management and we were fortunate to have the services of Ed Gresley, shown here in a somewhat older version. The AVS was a favorite among all of Ed's clients and he rendered invaluable service until 1995 when he passed the task on to Bob Finnegan, who had been involved with the AVS exhibit since 1992.



▲ Banquet, AVS 13th Annual Symposium, San Francisco, California, September 1966.

► In 1967 Franklin M. Propst took over as JVST Editor. He had been the Assistant Editor under Alpert but had in fact borne most of the load! He served through 1969.



▲ Nancy L. Hammond, AVS Executive Secretary, 1968-1989. Hammond added a human dimension to all of her contacts with the ruling junta and with the general membership. Her office was always too small, and material appeared to fill up most of the space. But she could always find the needed document, and kept most of us volunteers on the required schedule. Upon her retirement in 1989 she was made an Honorary Member.



▲ AVS 13th Annual Symposium, San Francisco, California, September 1966. Back Row (l to r) Medard W. Welch, George H. Bancroft, Paul A. Redhead, William J. Lange, Daniel G. Bills, E. E. Donaldson. Front Row (l to r) Jhan M. Kahn, James M. Lafferty, Hans A. Steinhilber, Unidentified, Daniel Alpert, Hubert W. Schlemming, Franklin M. Propst.

▼ AVS 14th Annual Symposium Kansas City, Missouri, October 1967. Back Row (l to r) Edward E. Donaldson, Jhan M. Kahn, Daniel G. Bills, Klaus H. Behrnt, Leonard M. Bianchi, Row (l to r) James M. Lafferty, Norman G. Wilson, Joseph N. Kotanchik, Hubert W. Schlemming, Paul A. Redhead, Hans A. Steinhilber. This picture contains our only record of Klaus H. Behrnt in 1964.



▲ AVS 14th Annual Symposium, Kansas City, Missouri, October 1967. Paul A. Redhead, President-Elect, Paul J. Bryant, Secretary, and Hubert W. Schlemming, President.



▲ Presentation of the first Welch Medal to Erwin W. Mueller at the AVS 17th Annual Symposium, Washington, D.C., October 1970. (l to r) Luther E. Preuss, Medard W. Welch, Erwin W. Mueller.

▲ J. Peter Hobson was key in the formation of the Surface Science Division in 1968. This required a careful balancing act since many influential people in the surface science community had a strong preference for association with other groups, such as the American Physical Society. Hobson had great support from many scientists, and especially from Charlie Duke. He received the Goede-Langmuir Award in 1990.

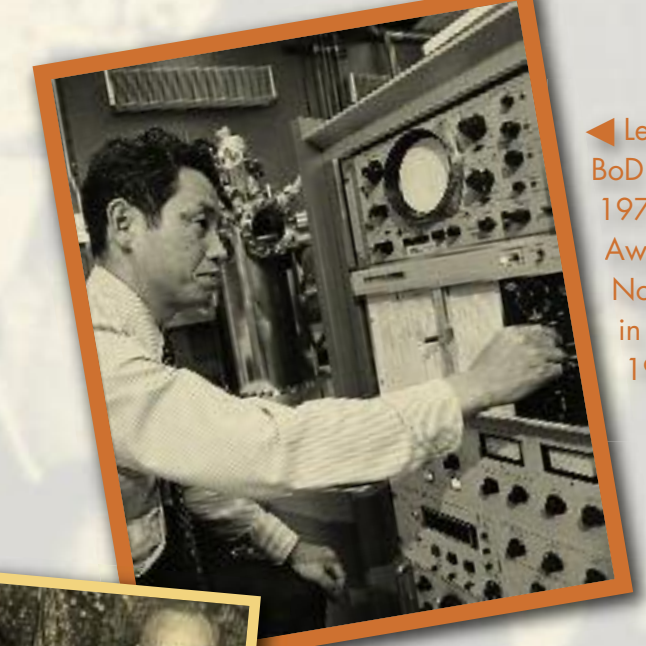


▲ AVS 15th Annual Symposium, Pittsburgh, Pennsylvania, October 1968. Back Row (l to r) Paul J. Bryant, Raintan F. Bunschuh, Klaus H. Behrnt, Manfred S. Kaminsky, Edward E. Donaldson, Jack H. Singleton, Luther E. Preuss, Lewis W. Hull. Front Row (l to r) Norman G. Wilson, Daniel G. Bills, Paul A. Redhead, James L. Swauger, James M. Lafferty, Hubert W. Schlemming, William J. Lange.

Although vacuum technology was the predominant topic in the early years of the Society, it was not until 1970 that a division was formed, largely due to the efforts of Jim Lafferty and Dick Denton! This photograph is of Dick Denton taken in a somewhat later period (1994), but still going strong!



▲ The beginning of the AVS National short course program dates to 1970, when a Sub-Committee of the Education Committee was set up with Vivienne Harwood as coordinator. Harwood continued as the coordinator until 1983, when the short course program was moved from the purview of the Education Committee to report directly to the BoD. In the photograph Harwood/Mattox is talking to Jim Munday in 1995.



▲ Leo Esaki, BoD Member 1973-1974. Awarded the Nobel Prize in Physics in 1973.

▲ Presentation of Honorary Membership to Paul A. Redhead, AVS 17th Annual Symposium, Washington, D.C., October 1970. (l to r) Erwin W. Mueller, Paul A. Redhead, William J. Lange, AVS President.



▲ Bill Brunner was an instructor at the AVS National Symposium in Seattle in 1969, and was involved in the course program for 30 years.

