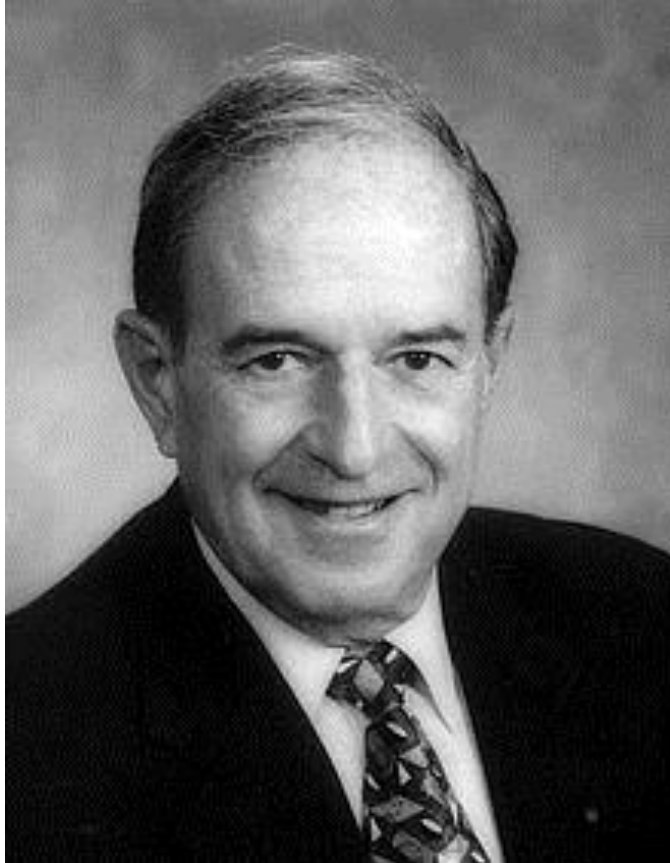
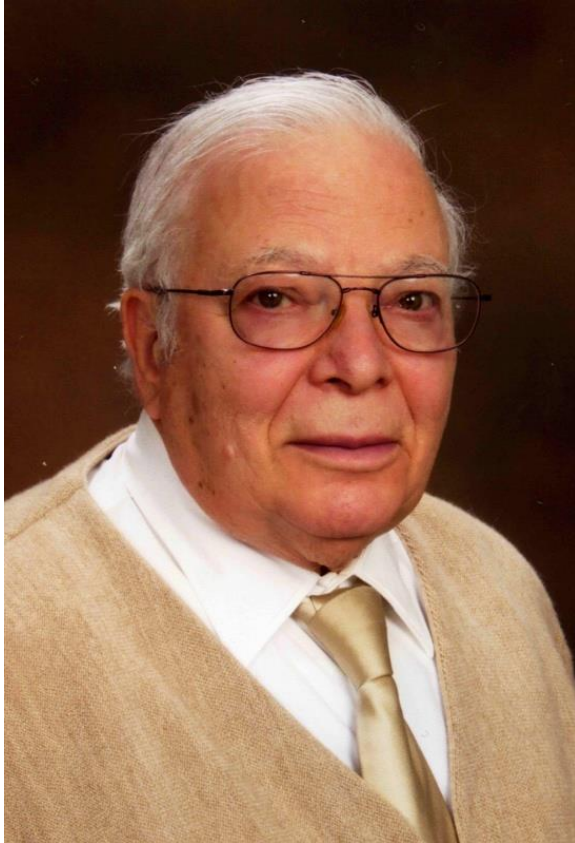


David Atlas (b. 1923)



- Pioneered weather radar and clear-air radar
- Editor “Radar in Meteorology” (1990)

Valeryan Tatarskii (b. 1929)



- Merged electromagnetism and acoustics with turbulence theory
- Standard text “Wave Propagation in a Turbulent Medium” (1961)
- Standard text “The Effects of the Turbulent Atmosphere on Wave Propagation” (1971)

Earl Gossard (1923-2009)



- Atmospheric gravity waves
- S-band FMCW radar
- Standard text “Radar Observation of Clear Air and Clouds” (1983, with Strauch)

Richard “Dick” Strauch (b. 1934)



- S-band FMCW radar
- NOAA windprofiler network
- Standard text “Radar Observation of Clear Air and Clouds” (1983, with Gossard)

Ben Balsley (1932-2013)



- Fresnel scatter
- Polar mesospheric summer echoes (PMSE)
- UHF radar windprofiler
- Kite- and balloon-borne in-situ observations of turbulent layers and interfaces

Ron Woodman (b. 1934)



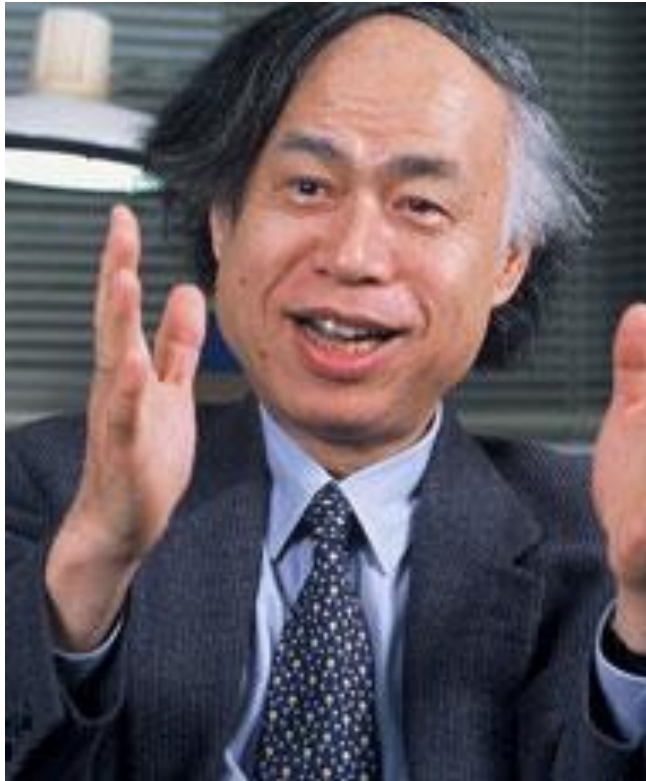
- Father of MST radar
- Director of the Jicamarca Radio Observatory (1969-1974)

Juergen Roettger (b. 1934)



- SOUSY radar
- VHF aspect sensitivity

Shoichiro Fukao (1943-2014)



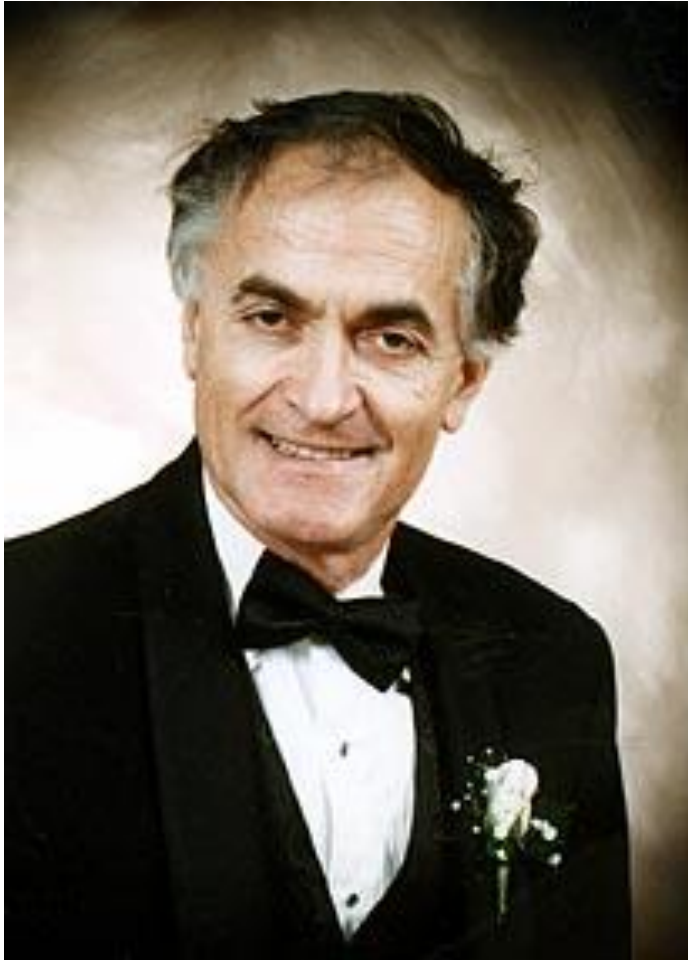
- MU radar
- Director, Radio Science Center for Space and Atmosphere (RASC), Kyoto University

Richard “Dick” Doviak (b. 1934)



- Weather radar
- Theory of VHF aspect sensitivity and Fresnel scatter (1984)
- Standard text “Doppler Radar and Weather Observations” (1984, 1993, with Zrnic)

Dusan Zrnic (b. 1942)



- Weather radar
- Theory of VHF aspect sensitivity and Fresnel scatter (1984)
- Standard text “Doppler Radar and Weather Observations” (1984, 1993, with Doviak)