After an extended illness, Dennis C. Prieve, passed away on Thursday May 11, 2023, in his home at Pittsburgh. He is survived by his wife, his two children and three grandchildren.

Dennis was born September 1, 1947, in Portage, Wisconsin, but spend his formative years in Florida. Dennis chose to study chemical engineering, after discovering that his original choice of accounting was not as mathematically challenging as he wanted. He earned a B.S. (1970) from the University of Florida, an M.S (1972) and a Ph.D., (1975) from the University of Delaware. He joined the faculty of Carnegie Mellon in 1975 where he worked for the rest of his professional career, holding the Gulf Chair for two decades. He remained a Professor Emeritus after his retirement in 2017. Dennis held visiting professorships at Princeton University and the University of Melbourne.

Dennis loved research and he became interested in solving problems in the physical chemistry of colloidal materials as a graduate student. Dennis went on to perform foundational and ground-breaking work in colloidal stability, electrokinetics, phoretic transport, and interparticle forces; tackling both experimental and theoretical aspects with rigor and detail. He pioneered the motion of particles in liquids with gradients of solute. He invented total internal reflection microscopy to determine the interaction between colloidal particles and interfaces. This allowed for the exploration of double-layer repulsion, retarded van der Waals attraction, particle assembly in electric fields and both depletion attraction and steric repulsion from polymers in a new context. This also led him to new insights in van der Waals forces and triggered new ways to determine Hamaker constants. Dennis understood the importance of new methods to gain new insight. His last paper was on a new method to measure zeta-potentials.

Dennis was a leader in the colloidal and fluid mechanics communities with a history of outstanding scientific achievements. He served as president of IACIS 2009-2012. He also served as a long-time editor for *Colloids & Surfaces A.* Dennis was generous in sharing his ideas and time with this community, which made everyone in his field better scientists and engineers.

Dennis won many prestigious awards for his work but, Dennis considered his greatest achievement to be the success of his students and collaborators. He often commented that the most important product of his research career was the students he mentored and their careers.

The entire Colloid and Interfaces community mourns the loss of an outstanding scientist and a great leader.