Abstract: MARK SCHUETZ graduated from MIT in 1979 with a BS in Mechanical Engineering. This was not the end of his technical education, only the beginning. He will share the twists and turns of his technology-based career, eventually becoming an entrepreneur and business owner. While that path could not have been predicted in 1979, looking back one can see the thread which has run through from 1979 until today. Some lessons learned along the way will hopefully be beneficial to graduates of 2019 as they look ahead and consider the directions they may want to take with their careers. Mark will share a recent technology project which was an attempt to develop lower cost solar photovoltaic systems using solar concentration. Despite some encouraging technical success, that effort was not commercially successful. Yet, it eventually led to the development of a new skylight business, illuminating commercial and industrial buildings with zero electricity throughout the day. The skylight business is a current area of intense technical and commercial development underway at Replex Plastics, located in Mount Vernon, Ohio.