

## Life Member

### Ross BROADFOOT



In 1966 I was fortunate to be awarded a scholarship from Sugar Research Institute (SRI) to study Chemical Engineering at the University of Queensland (UQ). By the time I had completed my contractual employment period I was hooked on the research opportunities and people in the sugar industry. I had developed a strong interest in crystallisation and progressed to undertake a PhD into the design of continuous vacuum pans under the supervision of Prof Ted White at UQ. The camaraderie of the SRI staff and industry people in general plus the ever emerging challenges in the industry has seen 45 years of work in the industry pass in a flash. The main highlights for me in working in the sugar industry have been designing various items of processing equipment, working to improve the efficiency of factories in throughput rate, sugar recoveries, sugar quality and now more recently energy consumption. I am grateful that the industry saw fit to encourage SRI to undertake consultations and develop designs for the global sugar industry. This opportunity has assisted enormously with the survival of the SRI research and consulting group (now based at QUT and still linked with SRI) and provided numerous technical investigations which have been of benefit to the Australian milling industry. My main efforts in the Australian sugar industry have been research in the factory's process stations, equipment design, consultations and training of technical staff, supervisors and operators. As at mid 2017 I had presented 67 papers to the QSSCT and ASSCT conferences plus 13 papers to the ISSCT Congresses.