

Fredrik Innings



It is with great sadness that I write to inform you that Fredrik Innings passed away on 23 July 2022.

Fredrik Innings was a pioneer in food engineering research through the way he used fluid dynamics to understand food processes. During his career, he has continuously demonstrated that industrial development and academic research can be done in parallel.

In 1990, Fredrik became a Master of Science in Aerospace Engineering at KTH Royal Institute of Technology. Thereafter he started working in the R&D department at Tetra Pak Processing Systems in Lund. At Tetra Pak Processing Systems he encountered for the first time food technology where he continuously improved the knowledge around food processing equipment by combining fluid dynamics with heat transfer, emulsification mechanisms and food rheology. In 2005, Fredrik

completed his industrial PhD on food emulsification processes in a homogenizer while working in the R&D department at Tetra Pak Processing Systems. From 2016, Fredrik worked part-time as an adjunct professor at the department of Food technology at Lund University while continuing to work in the R&D department at Tetra Pak Processing Systems. His unique talent for combining deeper mathematical understanding with practical experimentation, together with his ability to initiate new collaborations, was the basis of his academic and industrial success. During his career at Tetra Pak Processing Systems he worked with many different areas such as fouling, cleaning, heat transfer, mixing and rheology.

Fredrik was a highly appreciated colleague, inspirer, and teacher. He initiated and participated in many research projects both at Tetra Pak as well as together with universities. He supervised both doctoral as well as master thesis students. Research work with Fredrik was always fun, refreshing, and inspiring. He had a talent for attacking a problem from new angles and always found inconsistencies in scientific reasoning. No technical problem was foreign to him, and he liked to discuss these issues and solve them with full force.

Yes, as hard as it may be to accept and take in that Fredrik is gone, leaving a big void, we should remember him for providing many nice, happy, and bright memories.

Dragana Arlov
Friend and colleague from Tetra Pak