

Dr Niklas Järavstråt (ISRUtech Sweden AB) holds a PhD in Solid Mechanics from Linköping Institute of Technology (1994) and a Docentur (Associate Professor) in Applied Mechanics from Chalmers University of Technology (2003). His academic career spans materials modelling for aerospace and energy applications, with industrial roles at Volvo Aero, Rolls-Royce, and ACT Blade Ltd. Alongside this, he has maintained a long-standing research programme in space settlement, contributing to Moon-ISRU technology development since the 1990s, with NASA funding via Orbitec (2000) and a chapter on self-sufficient lunar facilities in *Lunar Settlements* (Taylor and Francis, 2010). He is President of The Moon Society, Director of Moonbase Lapträsk (a space analogue research facility in Norrbotten, Sweden) and organiser of the Extreme Arcology Conference. His current research addresses trajectory optimisation, embryo transport logistics, and the ethical dimensions of generation ship civilisation.