Frédéric ANDRÉ is a radio-communication engineer. We works for THALES on the development of TWTs and their technologies. He is experienced in TWT for space applications, with contribution in designing, reliability and industrialization. He is involved in the development of new technologies, in particular cold cathodes based on carbon nanotubes and semiconductors, new materials and thermal management. Frédéric ANDRÉ is also supervising PhD students on TWT related thesis.