

Precision engineering's impact on society

Prof. Dr. Andreas Archenti,

KTH Royal Institute of Technology in Stockholm, Sweden

archenti@kth.se

Abstract: In the 14th to the 17th century, famous artists like Michelangelo and Leonardo da Vinci created art at a unique level of precision. Their skill was owed to their ingenuity and their ability to couple engineering with art. The pursuit to shape the world of tomorrow relies on precision and dependability: To continuously improve physical characteristics; to guarantee operational performance at all time and to support the digitization of the industries which support our liberal societies.