

Curriculum vitae

prof. Ing. Jan Franc, DrSc.

Personal data:

Born: 4.9.1964 in Prague
Citizenship: Czech

Education and Academic career:

Faculty of Nuclear Science, Czech Technical University, Prague, 1987
Branch : Solid State Physics
PhD. – Physics of Condensed Matter, Charles University, Prague 1994
Assoc. Prof. – Physics of Condensed Matter, Charles University, Prague 2002
DrSc.- Comenius University, Bratislava, Slovakia 2005
Director of Institute of Physics, Charles University since 2012
professor since 2012

Scientific societies:

Union of Czech Mathematicians and Physicists since 1988
International Society for Optics and Photonics, SPIE since 2001
International Microelectronics and Packaging Society CS (IMAPS) since 2004
member of presidium 2006-2012
President of Humboldt club of Czech Republic since 2011
Associate editor of IEEE Trans.Nucl.Sci. since 2008
IEEE, Nuclear Science and Plasma Society since 2013

Organization of conferences and schools :

Symposium "Czech - U.S. Workshop", Praha 1997
EMRS 2008-2011 Fall meetings - European Materials Research Society (member of organizing committee).
NSS-MIC RTSD, Dresden 2008, Knoxville 2010, Valencia 2011, Anaheim 2012, Soul 2013, Seattle 2014, San Diego 2015, Strasbourg 2016, Sydney 2018, Manchester 2019,
RTSD Assistant Program Chair
SPIE Optical Engineering and Applications, XII Hard X-ray, Gamma Ray, and Neutron Physics symposium, San Diego, 2010-2019 (member of program committee).

Other activities –

Chairman of panel of Grant Agency of Czech Republic (GAČR) since 2013
Member of Technological agency of Czech Republic (TAČR) Steering Committee (Program alpha, subprogram A) 2012-2018
Faculty advisor of SPIE Student Chapter of Charles University since 2011
Faculty advisor of Optical Society of America (OSA) Charles University Student Chapter since 2013

Papers:

140 original papers in international journals with impact factor, 1100 citations, H-index

Research focus : Hard X-ray and gamma ray detectors, defects in semiconductors, photoconductivity, photoluminescence, electro-optic effects, Hall effect, Seebeck effect