

# CURRICULUM VITAE

## Assoc.Prof. Ing. Eduard Belas, CSc.

**Personal:** Date of birth: 14.4. 1963  
Married, two children

**Citizenship:** Czech Republic

### Education:

1988 Dipl. Ing. Degree (equal to Master degree)  
Czech Technical University in Prague, Faculty of Nuclear Science and Physical Engineering

1994 CSc. Degree (equal to PhD.)  
Charles University in Prague, Faculty of Mathematics and Physics

2011 Assoc. Prof.  
Charles University in Prague, Faculty of Mathematics and Physics

**Stays abroad:** Johannes Kepler University in Linz, Austria  
University des Saarlandes in Saarbrücken, Germany  
University of Western Australia, Perth, Australia

**Job history:** 1988-2008 Charles University, Institute of Physics  
1988-1994 Assistant (PhD study)  
1994-1998 Research Fellows

Responsible for development of a special technique (based on dry etching) for preparation of n-(HgCd)Te ( $x \sim 0.2$ ) and fabrication of the SPRITE detectors.

1998-2009 Senior Research Fellows

Responsible for development of a technology for preparation of gamma-ray detectors based on annealing of CdTe-(CdZn)Te single crystals.

**Research activity:** Semiconductor crystal growth (mainly II-VI compounds)  
Defect structure investigation (annealing, diffusion experiments)  
Dry etching, p-to-n conversion caused by dry etching  
EBIC measurements  
High and low temperature transport measurements  
Infrared, X-ray and gamma-ray detectors

**Publication activity:** 75 publications with IF, 283 citations without self citations (WOS)  
h-index: 15, ACI: 5.76

**Languages:** Czech - native, English – very good; Russian – good