

Jan Novák

Date of birth: April 25, 1973

Address: Pod Školou 7/989, 150 00 Prague 5

Phone: +420 607 999 691

E-mail: novakj2@fel.cvut.cz

Education: PhD (2006) field of Electronics, FEE CTU in Prague
Master degree (1998) field of Applied Electronics, FEL CTU in Prague

Language skills: English

Practice

2001 – present:

Department of Microelectronics FEE CTU Prague (Assistant Professor).
specialization electronics, electromagnetic compatibility, power supplies, design of IO and MEMS structures, circuit simulations, modeling of behavior of MEMS structures, design of models of semiconductor structures.

Projects

PolyApply - application of plastic electronics (simulation of the behavior of electronic circuits)

MAK - sensor matrix for detection of dangerous gases, especially toxic ones (design of evaluation system)

WinSiC - application of power structures of SiC transistors

EnSO - design of microelectronic power supplies (measurement of electronic system)

GaN4AP - to build a new generation of power converters and intelligent power switch, based on GaN (measurement of electronic system)

SACON - creates a BLE based Smart Access Control Solution for buildings (design of evaluation system)