

## PERSONAL INFORMATION

Name: Martin Špillar

Position: FAE Leader

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## CURRICULUM VITAE

### 1. EDUCATION

2005: Czech technical university, Prague, Technical Cybernetic

### 2. CAREER

2009 – now – MICRORISC s.r.o.

- HW and SW development for embedded devices
- Support of customers applications
- Development of IQRF gateways
- Project leading

2005 – 2009 - Researcher at CTU,

- development of analog and digital electronics for piezoelectric micro-positioning manipulators
- Application of modern control methods for precise positioning and vibration suppression

### 3. KEY PROJECTS

FR-TI1/058 – Smart House – open platform (2009-2012, MPO/FR)

FR-TI3/254 - Open platform for telemetry (2011-2014, MPO/FR)

FR-TI3/275 Open platform for smart cities (2011-2014, MPO/FR)

FV-40303 Communication infrastructure for battery powered devices (2018-2021, MPO/FV)

FV-40132 Development of an autonomous off-grid system for bidirectional communication with wireless nodes (2018-2022, MPO/FV)

### 4. KEY PUBLICATIONS

M. Špillar, Z. Hurák, Hybrid Charge Control for Grounded Stick-Slip Piezoelectric Actuators, Actuator, 2010, Bremen

M. Špillar and Z. Hurák. Hybrid charge control for stick-slip piezoelectric actuators, Mechatronics, vol.21, no.1, p. 100-108, 2010

### 5. ROLE (IQRF TECH S.R.O.)

R&D, FAE

### 6. YEARS IN MICRORISC

Since 2009