

Lukas Jelinek

Curriculum Vitae (June 17, 2021)

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🔗 *Google Scholar with list of publications*
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(born the 28th of July, 1980 in Kladno, Czech Republic, <https://elmag.fel.cvut.cz/en/user/lukas-jelinek/>)

Education

- 2015 **Associate professor**, *CTU FEE Prague.*
- 2006 **Philosophiæ doctor in Radioelectronics**, *CTU FEE Prague.*
- 2004 **Master of Science in Radioelectronics**, *CTU FEE Prague.*

Work positions

- from 2015 **Associate professor**, *CTU FEE Prague.*
- 2009 – 2014 **Researcher**, *CTU FEE Prague.*
- from 2006 **Head of the National Reference Laboratory for Non-Ionizing Radiation**, *National Institute of Public Health (Czech Republic).*
- 2002 – 2006 **Technician in the National Reference Laboratory for Non-Ionizing Radiation**, *National Institute of Public Health (Czech Republic).*

Scientific interests

Electromagnetic Field Theory, Metamaterials, Homogenization of Artificial Media, Wave Propagation in Complex Media, Computational electromagnetics, Optimization, Electromagnetic Field Exposure

International Work Experience

- 15. 7. 2007 – 2. 11. 2009 **Post-Doc researcher**, *Department of Electronics and Electromagnetism at the University of Seville, Spain*, (Supported by the project no. P06-TIC-01368 of Spanish Ministry for Science and Innovations).

Pedagogical experience

- from 2016 **six semesters of undergraduate course on electromagnetic field theory II**, *56 hours / semestr.*
- from 2015 **six semesters of undergraduate course on electromagnetic field theory I**, *84 hours / semestr.*
- from 2012 **six semesters of doctoral course on advanced electromagnetic field theory**, *28 hours / semestr.*
- from 2006 **five Ph.D. students**, *(two times supervisor, three times supervisor-specialist).*
- from 2006 **four Bc. or MSc. students**, *(supervisor).*
- from 2006 **four semesters of computational seminars in electromagnetic field theory**, *26 hours / semestr.*

Projects

Czech Science Foundation, *GA 21-19025M, GA 19-06049S (PI), GA15-10280Y (PI), GA13-09086S, GA102/09/0314.*

Ministry of Education Youth and Sports, *LTAİN 19047.*

Technology Agency of the Czech Republic, *TA 04010457.*

EU FEDER fund, *TEC2010-16948.*

Spanish Ministry for Science and Innovations, *CSD2008-00066, TEC2007-68013-C02-01/TCM.*

Junta de Andalucia, *P06-TIC-01368.*

Overall scientific results

- Journal papers with IF (2019 – 2021): **7**
- Citations, WOS: **1183**
- Conference proc. papers (2019 – 2021): **12**
- H-index, WOS: **20**

Other scientific merits

2016 Member of Super Technical Program Committee of IEEE AP-S/URSI.

Referee work Radioengineering; IEEE Transactions on Antennas and Propagation; IEEE Antennas and Wireless Propagation Letters; IEEE Microwave Theory and Techniques; Physical Review; Journal of Applied Physics; Applied Physics Letters; Infrared Physics & Technology; Metamaterials; New Journal of Physics; Optics Express; Journal of Physics: Condensed Matter, AP-S & USNC/URSI Conference, EuCAP Conference.