

Ing. Jakub Kákona

about

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Czech Republic

Nationality:
Czech

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languages

Czech
English
Russian

programming

Gnuradio
iPython, C

interests

Radioastronomy, (Opto)electronics, Astronomy, Physics

education

- | | | |
|------------|--|--|
| since 2014 | Ph.D. Air Traffic Control Faculty of Electrical Engineering - CTU Prague | <i>Radio position determination of the flying objects.</i> |
| 2012–2014 | Ing. Aircraft and space systems Faculty of Electrical Engineering - CTU, Prague | Department of Measurement |
| 2008–2012 | Bc. Laser Technology and Optoelectronics Faculty of Nuclear Sciences and Physical Engineering CTU, Prague | Department of Physical Electronics |
| 2004–2008 | Electronic Control Systems High school of Machines and Electrical Engineering in České Budějovice | |

experience

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|-------------|---|-----------------|
| 2014 | ESA Summer of Code in Space <i>Station maintenance software; Cubesat automatic reception station</i> | Projects mentor |
| 2013 | ESA Summer of Code in Space <i>General purpose radio-astronomy station software</i> | Project mentor |
| 2007 - 2013 | Robozor robotics club - České Budějovice | Supervisor |
| Since 2010 | Summer Astronomy school - Radioastronomy group supervisor | Summer job |

applications

- | | | |
|------------|--|--------------|
| since 2011 | Bolidozor network Radio meteor detection network. | bolidozor.cz |
| since 2004 | MLAB project Opensource Hardware modular electronic prototyping system. | mlab.cz |

publications

international peer-reviewed conferences/proceedings

Radio Meteor Scattering with Software Defined Radio based on Open Hardware

Teodor Pintér, Jakub Kákona, Martin Kákona, L Křivský

Proceedings of the International Meteor Conference, 31st IMC, La Palma, Canary Islands, Spain, 2012, 2013

Measuring of ionospheric disturbances with Software Defined Radio based on Open Hardware

Jakub Kákona, Martin Kákona, Josef Szylar

Acta Polytechnica, 2012