

Jan Koupil

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Employment 2002 - 2003 *Secondary Grammar School, Pardubice, Dašická 1083*

- part-time physics teacher

2003 - 2007 *Department of Physics Education, MFF, CU, Prague*

- part-time (research, development, teaching)

2007 - present *Secondary Grammar School, Pardubice, Dašická 1083*

- full-time mathematics and physics teacher

Education 2004 - 2011 *Faculty of Mathematics and Physics, CU, Prague*

- doctoral study, study branch: General Problems of Physics
- topic of doctoral thesis: Multimedia support of physics education
- acquire Ph.D. in Physics

2004 *Faculty of Mathematics and Physics, CU, Prague*

- acquire an academic title RNDr. – Doctor of Natural Sciences

1997 – 2003 *Faculty of Mathematics and Physics, CU, Prague*

- study programme: pedagogy for secondary schools
- study branch: mathematics – physics
- master degree, graduate with honour

1990 – 1997 *Secondary Grammar School, Pardubice*

Language skills

- English – fluent – CAE passed in 2005
- German – passively

Other skills

- high PC skills, programming experience (HTML, CSS, PHP, MySQL, LabVIEW, C#)
- experience with computer driven experiment

Other activities 2001 – 2008, 2012 *Summer Maths-Physics Camp*

- team member
- 2006 – 2008 main coordinator of the experiential (non-scholarly) part of the programme

2005 – present *GIREP webmaster*

2005 – present *Webmaster of the Physics Teachers' Inventions Fair*

Publications

Koupil, J.; Vícha, V. Jako zpomalený film... In *Veletrh nápadů učitelů fyziky 16*. Sborník z konference. Ed. R. Holubová. 1. vyd., Praha: Univerzita Palackého v Olomouci, 2011. s. 143–148. ISBN: ISBN 978-80-244-2894-9.

Koupil, J.; Vícha, V.; *Simple phenomena, slow motion, surprising physics*. *Physics Education*, July 2011, vol. 46, issue 4, pp. 454–460. ISSN: 0031–9120. doi:10.1088/0031-9120/46/4/015

Koupil, J.; Vícha, V. *1200 Fyzikálních snímků za vteřinu* [online]. Seriál článků na serveru FyzWeb. ISSN: 1803–4179. Dostupné z <<http://fyzweb.cz/clanky/index.php?id=163>>

Koupil, J.; Vícha, V. 1200 FPS. In *Veletrh nápadů učitelů fyziky 15*. Sborník z konference. Ed. Z. Drozd. 1. vyd., Praha: Prometheus, 2011. s. 116–121. ISBN: 978–80–7196–417–9.

Koupil, J.; Reichl, J. *Videoanalýza reálných dějů*. In *Média Tvořivě*. Ed. Nina Rutová, Kladno. 2008. vyd. Aisis, a.s., s. 290–292. ISBN: 978–80–904071–1–4.

Koupil, J. *Videoměření*. In *Dílny Heuréky 2006–2007*. Sborník konferencí projektu Heuréka. Ed. L. Dvořák, 1. vyd., Praha: Prometheus, 2009. s. 60–65. ISBN: 978–80–7196–396–7.

Koupil, J.; Dvořák, L. *Which side up? Falling bread revisited*. In *GIREP Conference 2006: Modeling in Physics and Physics Education*. Ed. by Ed van den Berg et. al., Amsterdam. p. 793–799.

Broklová, Z.; Koupil J. *Visualisation of Hydrogen Atom States*. In *GIREP Conference 2006: Modeling in Physics and Physics Education*. Ed. by Ed van den Berg et. al., Amsterdam. p. 210-217.

Koupil, J. *Pružné či nepružné beranidlo?*. In *Veletrh nápadů učitelů fyziky 10*. Sborník z konference. Ed. L. Dvořák. 1. vyd., Praha: Prometheus, 2006. s. 223–227. ISBN: 80–7196–331–3.

Koupil J. (2005): *Examining Our Eyes*, in proceedings of Heureka Seminar, editor: L. Dvořák, Prague

Koupil, J.; Dvořák, L. *Digital Recording and Analysis of Physical Experiments*. In *Third International GIREP Seminar 2005: Informal Learning and Public Understanding of Physics*. Edited by G. Planinšič and A. Mohorič, Ljubljana: Faculty of Mathematics and Physics. ISBN: 961–6619–00–4. p. 201–206.

Koupil, J.; Dvořák, L. *Fyzika komunikačních kanálů — a jak ji jednoduše zkoumat*. In *Poškole 2005*. Ed. M. Černochová a kol., 1. vyd., Liberec: MOV POŠKOLE, 2005., 321 s. ISBN 80–239–4633–1.

Dvořák, L.; Koupil, J. *Netradiční komunikační technologie a jednoduché měření jejich parametrů*. In *Informačno–komunikačné technológie vo vyučovaní fyziky*. Nitra, 2005. vyd. Fakulta prírodných vied Univerzity Konstantina Filozofa a Pobočka JSMF v Nitre. s. 297–300. ISBN: 80–8050–810–0.

Žilavý P, Koupil J. (2004): *A Few Ideas from the Summer Maths-Physics Camp*, in proceedings of Physics Teachers' Inventions Fair 9, Brno

Koupil J. Lustig F.(2002): *School Measurement studio based on the LabVIEW System*, In proceedings of DIDFYZ 2002 – ICT in Physics Education, FPV UKF, Nitra

Koupil J. Lustig F.(2002): *School Measurement Studio Controlled by LabVIEW System*, In proceedings of GIREP 2002 – Physics in New Fields and Modern Applications, online, Lund

Interests

video in physics education,
physics generally, mathematics, computers
literature and drama, classic dance, folk guitar